

Source: TSG CN WG 1
Title: CRs to Rel-5 on Work Item IMS-CCR towards 24.229
Agenda item: 8.1
Document for: APPROVAL

Introduction:

This document contains 9 CRs on Rel-5 on Work Item "IMS-CCR", that have been agreed by TSG CN WG1, and are forwarded to TSG CN Plenary meeting #16 for approval.

Spec	CR	Rev	Phase	Subject	Cat	Version Current	Version-New	Meeting-2nd-Level	Doc-2nd-Level
24.229	050		Rel-5	Media-Authorization header corrections	C	5.0.0	5.1.0	N1-23	N1-020840
24.229	051	1	Rel-5	Clause 5.4 editorials (S-CSCF)	F	5.0.0	5.1.0	N1-23	N1-020950
24.229	053	2	Rel-5	Integrity protection signalling from the P-CSCF to the S-CSCF	F	5.0.0	5.1.0	N1-SIP0204	N1-021007
24.229	054		Rel-5	Representing IM CN subsystem functional entities in profile table roles	B	5.0.0	5.1.0	N1-23	N1-020847
24.229	055		Rel-5	Clause 4 editorials	D	5.0.0	5.1.0	N1-23	N1-020848
24.229	056		Rel-5	Clause 5.8 editorials (MRFC)	D	5.0.0	5.1.0	N1-23	N1-020849
24.229	057	1	Rel-5	Annex A editorials, including precondition additions	D	5.0.0	5.1.0	N1-SIP0204	N1-021001
24.229	058	2	Rel-5	Representing the registrar as a UA	F	5.0.0	5.1.0	N1-SIP0204	N1-021054
24.229	059		Rel-5	Additional definitions	D	5.0.0	5.1.0	N1-23	N1-020852

CR-Form-v5

CHANGE REQUEST

⌘ **24.229 CR 050** ⌘ rev **-** ⌘ Current version: **5.0.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Media-Authorization header corrections		
Source:	⌘ Lucent Technologies		
Work item code:	⌘ IMS-CCR	Date:	⌘ 02/04/02
Category:	⌘ C	Release:	⌘ Rel-5
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ The status in IETF of the Media-Authorization header has changed to become a P-header, with an associated change in name. The profile tables are also incomplete in regard to this header, and this CR completes those details.
Summary of change:	⌘ <ul style="list-style-type: none"> - Amendment of references to the current version of the draft. - Inclusion of a reference to these procedures in the main text. - Amendment of the referenced clause from 5.1 to 6.1 for the header definition. - Change of name of the Media-Authorization header to P-Media-Authorization. - Inclusion of the header in the INVITE request. - Removal of the header from responses that are not 1xx and 2xx responses in accordance with the current version of the draft. - For the RFC status, the inclusion is dependent on the support of the media authorization draft. - For the profile status, the inclusion is dependent on it being either the UE (UA role) or a P-CSCF (proxy role). To represent this conditional, it is necessary to agree another CR, or else amend this CR in order to insert this information informatively. - In both cases it is not applicable to send this at the UA, and not applicable to receive it at the proxy.
Consequences if not approved:	⌘ Incorrect usage of IETF drafts, and incomplete profile tables.

Clauses affected:	⌘ 2, 5.2.7.2, 5.2.7.3, A.2.1.4.7, A.2.2.4.7		
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications	⌘	
	<input type="checkbox"/> Test specifications		
	<input type="checkbox"/> O&M Specifications		
Other comments:	⌘ Dependency on CR 054 to allow specification of 3GPP FE in the profile tables. If		

this related CR is not adopted, then an informal mechanism will need to be substituted to allow the dependency on the UE and P-CSCF to be specified.

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ☹ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

FIRST PROPOSED CHANGE

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TS 23.002: "Network architecture".
- [3] 3GPP TS 23.003: "Numbering, addressing and identification".
- [4] 3GPP TS 23.060: "General Packet Radio Service (GPRS); Service description; Stage 2".
- [5] 3GPP TS 23.218: "IP Multimedia (IM) Session Handling; IM call model".
- [6] 3GPP TS 23.221: "Architectural requirements".
- [7] 3GPP TS 23.228: "IP multimedia subsystem; Stage 2".
- [8] 3GPP TS 24.008: "Mobile radio interface layer 3 specification; Core Network protocols; Stage 3".
- [9] 3GPP TS 25.304: "UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode".
- [10] 3GPP TS 26.235: "Packet switched conversational multimedia applications; Default codecs".
- [11] 3GPP TS 29.208: "End to end Quality of Service (QoS) signalling flows".
- [12] 3GPP TS 29.228: "IP Multimedia (IM) Subsystem Cx Interface; Signalling flows and message contents".
- [13] 3GPP TS 33.102: "3G Security; Security architecture".
- [14] 3GPP TS 33.203: "Access security for IP based services".
- [15] 3GPP TS 44.018: "Mobile radio interface layer 3 specification, Radio Resource Control Protocol".
- [16] RFC 2806: "URLs for Telephone Calls".
- [17] RFC 2833 (May 2000): "RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals".
- [18] RFC 2916: "E.164 number and DNS".
- [19] RFC 2976 (October 2000): "The SIP INFO method".
- [20] draft-ietf-sip-rfc2543bis-07 (January 2002): "SIP: Session Initiation Protocol".

Editor's note: The above document cannot be formally referenced until it is published as an RFC.

- [21] draft-ietf-sip-100rel-05 (February 2002): "Reliability of provisional responses in SIP".

Editor's note: The above document cannot be formally referenced until it is published as an RFC.

[22] draft-sip-manyfolks- resource-03 (November 2001): "Integration of resource management and SIP".

Editor's note: The above document cannot be formally referenced until it is published as an RFC.

[23] draft-ietf-sip-events-02.txt (February 2002): "SIP-Specific Event Notification".

Editor's note: The above document cannot be formally referenced until it is published as an RFC.

[24] draft-ietf-sip-callerprefs-05 (November 2001): "SIP caller preferences and callee capabilities".

Editor's note: The above document cannot be formally referenced until it is published as an RFC.

[25] draft-ietf-sip-refer-02 (October 2001): "The REFER method".

Editor's note: The above document cannot be formally referenced until it is published as an RFC.

[26] draft-ietf-sip-session-timer-08 (October 2001): "The SIP session timer".

Editor's note: The above document cannot be formally referenced until it is published as an RFC.

[27] draft- sip-privacy-03 (November 2001): "SIP extensions for caller identity and privacy".

Editor's note: The above document cannot be formally referenced until it is published as an RFC.

[28] draft- sip-state-02 (August 2001): "SIP extensions for supporting distributed call state".

Editor's note: The above document cannot be formally referenced until it is published as an RFC.

[29] draft-~~sip-call-auth-03-04~~ (November 2001~~February 2002~~): "SIP extensions for media authorization".

Editor's note: The above document cannot be formally referenced until it is published as an RFC.

[30] draft-ietf-mmusic-sdp-new-04 (November 2001): "SDP: Session Description Protocol".

Editor's note: The above document cannot be formally referenced until it is published as an RFC.

SECOND PROPOSED CHANGE

5.2.7.2 Mobile-originating case

The P-CSCF shall respond to all INVITE requests with a 100 Trying response.

Upon receiving a response (e.g. 183 Session Progress, 200 OK) to the initial INVITE request, the P-CSCF:

Editor's note: the case when the P-CSCF acts on behalf of the UE is FFS.

- if a media authorization token is generated by the PCF [as specified in draft-sip-call-auth \[29\]](#) (i.e. when service-based local policy control is applied), insert the [P-Media-Authorization](#) header containing that media authorization token.

When the P-CSCF sends the COMET request towards the S-CSCF, the P-CSCF shall also include the <gprs-charging-id> XML element in the message body. See subclause 5.2.7.4 for further information on the GPRS charging identifier.

5.2.7.3 Mobile-terminating case

When the P-CSCF receives an initial INVITE request destined for the UE, it will contain the URL of the UE in the Request-URI, and a single pre-loaded Route header. The received initial INVITE will also have a list of Record-Route headers. Prior to forwarding the initial INVITE to the URL found in the Request-URI, the P-CSCF shall:

Editor's note: the case when the P-CSCF acts on behalf of the UE is FFS.

- if a media authorization token is generated by the PCF [as specified in draft-sip-call-auth \[29\]](#) (i.e. when service-based local policy control is applied), insert the [P-Media-Authorization](#) header containing that media authorization token.

In addition, the P-CSCF shall respond to all INVITE requests with a 100 Trying response.

When the P-CSCF sends 180 Ringing towards the S-CSCF, the P-CSCF shall also include the <gprs-charging-id> XML element in the message body. See subclause 5.2.7.4 for further information on the GPRS charging identifier.

THIRD PROPOSED CHANGE

A.2.1.4.7 INVITE method

Prerequisite A.4/10 – INVITE request

Table A.54: Supported headers within the INVITE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Alert-Info	[20] 24.4	o	o	[20] 24.4	c1	c1
6	Allow	[20] 24.5, [20] 5.1	o		[20] 24.5,[20] 5.1	o	
7	Allow-Events	[23] 7.5.2	c2	c2	[23] 7.5.2	c2	c2
8	Anonymity	[27] 5.2	o		[27] 5.2		
9	Authorization	[20] 24.7	c3	c3	[20] 24.7	c3	c3
10	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
11	Call-Info	[20] 24.9	o		[20] 24.9	o	
12	Contact	[20] 24.10	m		[20] 24.10	m	
13	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
14	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
15	Content-Language	[20] 24.13	o		[20] 24.13	o	
16	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
17	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
18	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
19	Date	[20] 24.17	c4	c4	[20] 24.17	m	m
20	Expires	[20] 24.19	o		[20] 24.19	o	
21	From	[20] 24.20	m	m	[20] 24.20	m	m
22	In-Reply-To	[20] 24.21	o	o	[20] 24.21	o	o
23	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
24	MIME-Version	[20] 24.24	o		[20] 24.24	o	
25	Organization	[20] 24.25	o		[20] 24.25	o	
25A	P-Media-Authorization	[29] 6.1	n/a	n/a	[29] 6.1	c11	c12
26	Priority	[20] 24.26	o	o	[20] 24.26	o	o
27	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
28	Proxy-Require	[20] 24.29, [26] 4, [27] 4	c5	c5	[20] 24.29, [26] 4, [27] 4, [28] 3	n/a	n/a
29	Record-Route	[20] 24.31	o		[20] 24.31	o	
30	Referred-By	[25] 3.3	c6	c6	[25] 3.3	c7	c7
31	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
32	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
33	Reply-To	[20] 24.32	o	o	[20] 24.32	o	o
34	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
35	Require	[20] 24.33, [26] 4,	c8	o	[20] 24.33, [26] 4,	m	m

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
		[28] 3			[28] 3		
36	Route	[20] 24.35	m	m	[20] 24.35	n/a	n/a
37	Session expires	[26] 3	o		[26] 3	o	
38	State	[28] 5.1	o		[28] 5.1	o	
39	Subject	[20] 24.38	o		[20] 24.38	o	
40	Supported	[20] 24.39, [26] 7.1, [28] 5	c9	m	[20] 24.39, [26] 7.1, [28] 5	m	m
41	Timestamp	[20] 24.40	c10	c10	[20] 24.40	m	m
42	To	[20] 24.41	m	m	[20] 24.41	m	m
43	User-Agent	[20] 24.43	o		[20] 24.43	o	
44	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1: IF A.3/11 THEN m ELSE n/a. c2: IF A.3/21 THEN m ELSE n/a. c3: IF A.3/8 THEN m ELSE n/a. c4: IF A.3/10 THEN o ELSE n/a. c5: IF A.3/18 THEN m ELSE o -- (note). c6: IF A.3/15 THEN o ELSE n/a. c7: IF A.3/15 THEN m ELSE n/a. c8: IF A.3/13 THEN o.1 ELSE o -- Reliable transport. c9: IF A.3/16 OR A.3/19 THEN m ELSE IF A.3/13 THEN o.1 ELSE o -- support of timer or state extension, support of reliable transport. c10: IF A.3/7 THEN o ELSE n/a. c11: IF A.3/20 THEN m ELSE n/a. c12: IF A.2A/1 THEN m ELSE n/a. o.1: At least one of these shall be supported.							
NOTE: No distinction has been made in these tables between first use of a request on a From/To/Call-ID combination, and the usage in a subsequent one. Therefore the use of "o" etc. above has been included from a viewpoint of first usage.							

Table A.55: Supported message bodies within the INVITE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/27 -- "415" Unsupported Media Type

Table A.56: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Anonymity	[27] 5.2	o		[27] 5.2		
5	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
6	Call-Info	[20] 24.9	o		[20] 24.9	o	
7	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
8	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
9	Content-Language	[20] 24.13	o		[20] 24.13	o	
10	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
11	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
12	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
13	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
14	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
15	Expires	[20] 24.19	o		[20] 24.19	o	
16	From	[20] 24.20	m	m	[20] 24.20	m	m
17	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
18	MIME-Version	[20] 24.24	o		[20] 24.24	o	
19	Organization	[20] 24.25	o		[20] 24.25	o	
20	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
21	Require	[20] 24.33	m	m	[26] 5.2	m	m
22	Server	[20] 24.37	o	o	[20] 24.37	o	o
23	Session expires	[26] 3	o		[26] 3	o	
24	State	[28] 5.1	o		[28] 5.1	o	
25	Supported	[20] 24.39	m	m	[20] 24.39	m	m
26	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
27	To	[20] 24.41	m	m	[20] 24.41	m	m
28	User-Agent	[20] 24.43	o		[20] 24.43	o	
29	Via	[20] 24.44	m	m	[20] 24.44	m	m
30	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/18 -- "405" Method Not Allowed

Table A.57: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	m		[20] 24.5	m/o	
3	Anonymity	[27] 5.2	o		[27] 5.2	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
13	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Organization	[20] 24.25	o		[20] 24.25	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	m	m
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 OR A.5/35 – 3xx or 485 "Ambiguous"

Table A.58: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Contact	[20] 24.10	o		[20] 24.10	o/m	
6	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
13	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Organization	[20] 24.25	o		[20] 24.25	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	m	m
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/14 – 401

Table A.59: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
19	Record-Route	[20] 24.31	o		[20] 24.31	o	
20	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
21	Require	[20] 24.33	m	m	[20] 24.33	m	m
22	Server	[20] 24.37	o	o	[20] 24.37	o	o
23	Session expires	[26] 3	o		[26] 3	o	
24	State	[28] 5.1	o		[28] 5.1	o	
25	Supported	[20] 24.39	m	m	[20] 24.39	m	m
26	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
27	To	[20] 24.41	m	m	[20] 24.41	m	m
28	User-Agent	[20] 24.43	o		[20] 24.43	o	
29	Via	[20] 24.44	m	m	[20] 24.44	m	m
30	Warning	[20] 24.45	o		[20] 24.45	o	
31	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/20 – 407

Table A.60: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	m	m
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/6 – 2xx

Table A.61: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	o		[20] 24.5	o	
3	Anonymity	[27] 5.2	o		[27] 5.2		
4	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
5	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
6	Call-Info	[20] 24.9	o		[20] 24.9	o	
7	Contact	[20] 24.10	m		[20] 24.10	m	
8	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Language	[20] 24.13	o		[20] 24.13	o	
11	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
12	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
13	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
14	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
15	Expires	[20] 24.19	o		[20] 24.19	o	
16	From	[20] 24.20	m	m	[20] 24.20	m	m
17	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
18	MIME-Version	[20] 24.24	o		[20] 24.24	o	
19	Organization	[20] 24.25	o		[20] 24.25	o	
19A	P-Media-Authorization	[29] 6.1	n/a	n/a	[29] 6.1	c11	c12
20	Record-Route	[20] 24.31	o		[20] 24.31	o	
21	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
22	Require	[20] 24.33	m	m	[20] 24.33	m	m
23	Server	[20] 24.37	o	o	[20] 24.37	o	o
24	Session expires	[26] 3	o		[26] 3	o	
25	State	[28] 5.1	o		[28] 5.1	o	
26	Supported	[20] 24.39	m	m	[20] 24.39	m	m
27	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
28	To	[20] 24.41	m	m	[20] 24.41	m	m
29	User-Agent	[20] 24.43	o		[20] 24.43	o	
30	Via	[20] 24.44	m	m	[20] 24.44	m	m
31	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					
c11:		IF A.3/20 THEN m ELSE n/a.					
c12:		IF A.2A/1 THEN m ELSE n/a.					

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/35 – 484

Table A.62: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Record-Route	[20] 24.31	o		[20] 24.31	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	m	m
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/11 – BYE response

Prerequisite: A.5/1 – 100 Trying

Table A.63: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	n/a	n/a	[20] 24.8	m	m
2	Content-Length	[20] 24.14	n/a	n/a	[20] 24.14	m	m
3	Cseq	[20] 24.16	n/a	n/a	[20] 24.16	m	m
4	Date	[20] 24.17	n/a	n/a	[20] 24.17	m	m
5	From	[20] 24.20	n/a	n/a	[20] 24.20	m	m
6	To	[20] 24.41	n/a	n/a	[20] 24.41	m	m
7	Via	[20] 24.44	n/a	n/a	[20] 24.44	m	m

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/2 OR A.5/3 OR A.5/4 OR A.5/5 – 1xx

Table A.64: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Contact	[20] 24.10	o		[20] 24.10	o/m	
6	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
<u>17A</u>	<u>P-Media-Authorization</u>	<u>[29] 6.1</u>	<u>n/a</u>	<u>n/a</u>	<u>[29] 6.1</u>	<u>c11</u>	<u>c12</u>
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	m	m
20	Rseq	[21] 7.1	c2	m	[21] 7.1	c3	m
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c4	c4
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1: IF A.3/10 THEN o ELSE n/a. c2: IF A.3/13 THEN o ELSE n/a - - reliability of provisional responses. c3: IF A.3/13 THEN m ELSE n/a - - reliability of provisional responses. c4: IF A.3/7 THEN m ELSE n/a. <u>c11: IF A.3/20 THEN m ELSE n/a.</u> <u>c12: IF A.2A/1 THEN m ELSE n/a.</u>							

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/28 – 420

Table A.65: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	m	m
20	Server	[20] 24.37	o	o	[20] 24.37	o	o
21	Session expires	[26] 3	o		[26] 3	o	
22	State	[28] 5.1	o		[28] 5.1	o	
23	Supported	[20] 24.39	m	m	[20] 24.39	m	m
24	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
25	To	[20] 24.41	m	m	[20] 24.41	m	m
26	Unsupported	[20] 24.42	m	m	[20] 24.42	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/17 OR A.5/25 OR A.5/31 OR A.5/37 OR A.5/48 OR A.5/49 - - 404, 413, 480, 486, 600, 603

Table A.66: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	m	m
20	Retry-After	[20] 24.34	o	o	[20] 24.34	o	o
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/41 - - 500

Table A.67: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	m	m
20	Retry-After	[20] 24.34	m	m	[20] 24.34	o	o
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/44 - - 503

Table A.68: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	m	m
20	Retry-After	[20] 24.34	o	o	[20] 24.34	o	m
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Table A.69: Supported message bodies within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

FOURTH PROPOSED CHANGE

A.2.2.4.7 INVITE method

Prerequisite A.151/10 – INVITE request

Table A.201: Supported headers within the INVITE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
6	Alert-Info	[20] 24.4	c2	c2	[20] 24.4	c3	c3
7	Allow	[20] 24.5, [20] 13	o		[20] 24.5, [20] 13	o	
8	Anonymity	[27] 5.2	o		[27] 5.2		
9	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
10	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
11	Call-Info	[20] 24.9	o		[20] 24.9	o	
12	Contact	[20] 24.10	m		[20] 24.10	m	
13	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
14	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
15	Content-Language	[20] 24.13	o		[20] 24.13	o	
16	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
17	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
18	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
19	Date	[20] 24.17	m	m	[20] 24.17	c4	c4
20	Expires	[20] 24.19	o		[20] 24.19	o	
21	From	[20] 24.20	m	m	[20] 24.20	m	m
22	In-Reply-To	[20] 24.21	m	m	[20] 24.21	i	i
23	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
24	MIME-Version	[20] 24.24	o		[20] 24.24	o	
25	Organization	[20] 24.25	o		[20] 24.25	o	
25A	P-Media-Authorization	[29] 6.1	c9	c10	[29] 6.1	n/a	n/a
26	Priority	[20] 24.26	m	m	[20] 24.26	i	i
27	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
28	Proxy-Require	[20] 24.29, 24.29, [26] 4, [27] 4, [28] 3	m	m	[20] 24.29, 24.29, [26] 4, [27] 4, [28] 3	m	m
29	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
30	Referred-By	p	c5	c5	[25] 3.3	c6	c6
31	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
32	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
33	Reply-To	[20] 24.32	m	m	[20] 24.32	i	i
34	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
35	Require	[20] 24.33, 24.33, [26] 4, [28] 3	m	m	[20] 24.33, 24.33, [26] 4, [28] 3	c7	c7
36	Route	[20] 24.35	m	m	[20] 24.35	m	m
37	Session expires	[26] 3	o		[26] 3	o	
38	State	[28] 5.1	o		[28] 5.1	o	
39	Subject	[20] 24.38	o		[20] 24.38	o	
40	Supported	[20] 24.39, 24.39, [26] 8.1	m	m	[20] 24.39, 24.39, [26] 8.1	c8	c8
41	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
42	To	[20] 24.41	m	m	[20] 24.41	m	m
43	User-Agent	[20] 24.43	o		[20] 24.43	o	
44	Via	[20] 24.44	m	m	[20] 24.44	m	m

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
c1:	IF A.3/21 THEN m ELSE i.						
c2:	IF A.150/10 THEN n/a ELSE m.						
c3:	IF A.150/10 THEN m ELSE i.						
c4:	IF A.150/9 THEN m ELSE i.						
c5:	IF A.150/21 THEN m ELSE n/a.						
c6:	IF A.150/21 THEN i ELSE n/a.						
c7:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c8:	IF A.150/14 THEN m ELSE i.						
c9:	IF A.150/26 THEN m ELSE n/a.						
c10:	IF A.2A/2 THEN m ELSE n/a.						
NOTE:	c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.						

Table A.202: Supported message bodies within the INVITE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/11 – INVITE response

Prerequisite: A.152/27 -- "415" Unsupported Media Type

Table A.203: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Anonymity	[27] 5.2	o		[27] 5.2		
5	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
6	Call-Info	[20] 24.9	o		[20] 24.9	o	
7	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
8	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
9	Content-Language	[20] 24.13	o		[20] 24.13	o	
10	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
11	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
12	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
13	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
14	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
15	Expires	[20] 24.19	o		[20] 24.19	o	
16	From	[20] 24.20	m	m	[20] 24.20	m	m
17	Media-Authorization	[20] 5.1	e		[20] 5.1	e	
18	MIME-Version	[20] 24.24	o		[20] 24.24	o	
19	Organization	[20] 24.25	o		[20] 24.25	o	
20	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
21	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
22	Server	[20] 24.37	m	m	[20] 24.37	i	i
23	Session expires	[26] 3	o		[26] 3	o	
24	State	[28] 5.1	o		[28] 5.1	o	
25	Supported	[20] 24.39	m	m	[20] 24.39	i	i
26	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
27	To	[20] 24.41	m	m	[20] 24.41	m	m
28	User-Agent	[20] 24.43	o		[20] 24.43	o	
29	Via	[20] 24.44	m	m	[20] 24.44	m	m
30	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/11 -- INVITE response

Prerequisite: A.152/18 -- "405" Method Not Allowed

Table A.204: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	m		[20] 24.5	m/o	
3	Anonymity	[27] 5.2	o		[27] 5.2	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
13	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Organization	[20] 24.25	o		[20] 24.25	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
21	Server	[20] 24.37	m	m	[20] 24.37	i	i
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	i	i
25	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 OR A.152/36 - - 3xx or 485 "Ambiguous"

Table A.205: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Contact	[20] 24.10	o		[20] 24.10	o/m	
6	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
13	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Organization	[20] 24.25	o		[20] 24.25	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
21	Server	[20] 24.37	m	m	[20] 24.37	i	i
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	i	i
25	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/14 - - 401

Table A.206: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
19	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
20	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
21	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
22	Server	[20] 24.37	m	m	[20] 24.37	i	i
23	Session expires	[26] 3	o		[26] 3	o	
24	State	[28] 5.1	o		[28] 5.1	o	
25	Supported	[20] 24.39	m	m	[20] 24.39	i	i
26	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
27	To	[20] 24.41	m	m	[20] 24.41	m	m
28	User-Agent	[20] 24.43	o		[20] 24.43	o	
29	Via	[20] 24.44	m	m	[20] 24.44	m	m
30	Warning	[20] 24.45	o		[20] 24.45	o	
31	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/20 - - 407

Table A.207: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
21	Server	[20] 24.37	m	m	[20] 24.37	i	i
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	i	i
25	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/6 – 2xx

Table A.208: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	o		[20] 24.5	o	
3	Anonymity	[27] 5.2	o		[27] 5.2		
4	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
5	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
6	Call-Info	[20] 24.9	o		[20] 24.9	o	
7	Contact	[20] 24.10	m		[20] 24.10	m	
8	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Language	[20] 24.13	o		[20] 24.13	o	
11	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
12	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
13	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
14	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
15	Expires	[20] 24.19	o		[20] 24.19	o	
16	From	[20] 24.20	m	m	[20] 24.20	m	m
17	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
18	MIME-Version	[20] 24.24	o		[20] 24.24	o	
19	Organization	[20] 24.25	o		[20] 24.25	o	
19A	P-Media-Authorization	[29] 6.1	c9	c10	[29] 6.1	n/a	n/a
20	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
21	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
22	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
23	Server	[20] 24.37	m	m	[20] 24.37	i	i
24	Session expires	[26] 3	o		[26] 3	o	
25	State	[28] 5.1	o		[28] 5.1	o	
26	Supported	[20] 24.39	m	m	[20] 24.39	i	i
27	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
28	To	[20] 24.41	m	m	[20] 24.41	m	m
29	User-Agent	[20] 24.43	o		[20] 24.43	o	
30	Via	[20] 24.44	m	m	[20] 24.44	m	m
31	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					
c9:		IF A.150/26 THEN m ELSE n/a.					
c10:		IF A.2A/2 THEN m ELSE n/a.					

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/35 - - 484

Table A.209: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
21	Server	[20] 24.37	m	m	[20] 24.37	i	i
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	i	i
25	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Prerequisite A.151/11 - - BYE response

Prerequisite: A.152/1 - - 100 Trying

Table A.210: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
3	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
4	Date	[20] 24.17	c1	c1	[20] 24.17	c2	c2
5	From	[20] 24.20	m	m	[20] 24.20	m	m
6	To	[20] 24.41	m	m	[20] 24.41	m	m
7	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF (A.150/9 AND A.150/8) OR A.150/7 THEN m ELSE n/a - - Stateful proxies that insert date, or stateless proxies.					
c2:		IF A.150/7 THEN i ELSE m - - Stateless proxy passes on.					

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/2 OR A.152/3 OR A.152/4 OR A.152/5 – 1xx

Table A.211: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Contact	[20] 24.10	o		[20] 24.10	o/m	
6	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 6.1	e		[29] 6.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
<u>17A</u>	<u>P-Media-Authorization</u>	<u>[29] 6.1</u>	<u>c9</u>	<u>c10</u>	<u>[29] 6.1</u>	<u>n/a</u>	<u>n/a</u>
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
20	Rseq	[21] 7.1	m	m	[21] 7.1	i	i
21	Server	[20] 24.37	m	m	[20] 24.37	i	i
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	i	i
25	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					
<u>c9:</u>		<u>IF A.150/26 THEN m ELSE n/a.</u>					
<u>c10:</u>		<u>IF A.2A/2 THEN m ELSE n/a.</u>					

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/28 - - 420

Table A.212: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
20	Server	[20] 24.37	m	m	[20] 24.37	i	i
21	Session expires	[26] 3	o		[26] 3	o	
22	State	[28] 5.1	o		[28] 5.1	o	
23	Supported	[20] 24.39	m	m	[20] 24.39	i	i
24	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
25	To	[20] 24.41	m	m	[20] 24.41	m	m
26	Unsupported	[20] 24.42	m	m	[20] 24.42	c3	c3
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c3:	IF A.150/16 THEN m ELSE i.						

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/37 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.213: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	e		[29] 5.1	e	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
20	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
21	Server	[20] 24.37	m	m	[20] 24.37	i	i
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	i	i
25	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Table A.214: Supported message bodies within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

CR-Form-v5
CHANGE REQUEST
⌘ 24.229 CR 051 ⌘ rev 1 ⌘ Current version: 5.0.0 ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Clause 5.4 editorials (S-CSCF)		
Source:	⌘ Lucent Technologies		
Work item code:	⌘ IMS-CCR	Date:	⌘ 01/04/02
Category:	⌘ F	Release:	⌘ Rel-5
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)	

Reason for change:	⌘ Editorial correctness.
Summary of change:	⌘ Various editorial and minor amendments throughout text not resulting in technical change. Changes of significance are as follows: - clause 5.4.1.2.2 - conversion of normative requirement on Cx interface to HSS to become part of the conditional for the normative SIP action.
Consequences if not approved:	⌘ None.

Clauses affected:	⌘ 5.4.1.2.2, 5.4.1.7, 5.4.3.1, 5.4.4, 5.4.5		
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘		

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

FIRST IDENTIFIED CHANGE

5.4.1.2.2 Abnormal cases

In the case that the authentication response from the UE is incorrect the S-CSCF shall either:

- attempt a further authentication challenge; or
- deregister the user and terminate any ongoing sessions for all public user identities associated with the private user identity being authenticated, and release resources allocated to those sessions.

In the case that the response from the UE is incorrect for three consecutive attempts then the S-CSCF shall deregister the user and terminate any ongoing sessions for all public user identities associated with the private user identity being authenticated, and release resources allocated to those sessions.

In the case that the S-CSCF determines that no response will be received from the UE (e.g. it may be unreachable due to loss of radio coverage), the S-CSCF shall either:

- attempt a further authentication challenge; or
- deregister the user and terminate any ongoing sessions for all public user identities associated with the private user identity being authenticated, and release resources allocated to those sessions.

In the case that the response from the UE indicates that the authentication challenge was invalid with no RES or AUTS parameter in the subsequent REGISTER message, the S-CSCF shall:

- respond with the relevant 4xx response (e.g. 401 Unauthorized to initiate a further authentication attempt, or 403 Forbidden if the authentication attempt is to be abandoned).

In the case that the response from the UE indicates that the authentication challenge was invalid with the AUTS parameter in the subsequent REGISTER message, the S-CSCF [will fetch new authentication vectors from the HSS, including AUTS and RAND in the request to indicate a resynchronisation. On receipt of these vectors from the HSS, the S-CSCF shall:](#)

- ~~— fetch new authentication vectors from the HSS, including AUTS and RAND in the request to indicate a resynchronisation; and~~
- ~~on receipt of the new vectors~~ send a 401 Unauthorized to initiate a further authentication attempt, using these new vectors.

In the case that the expiration timer from the UE is too short to be accepted by the S-CSCF, the S-CSCF shall:

- reject the REGISTER with a 423 Registration Too Brief, containing a Min-Expires header with the minimum registration time the S-CSCF will accept.

SECOND IDENTIFIED CHANGE

5.4.1.7 Notification of Application Servers about registration status

If the registration procedure described in subclauses 5.4.1.2, 5.4.1.4 or 5.4.1.5 (as appropriate) was successful, the S-CSCF shall send a third-party REGISTER request to each Application Server with the following information:

- a) the Request-URI shall contain the FQDN or IP address of the AS in the form of a SIP URL;
- b) the From header shall contain the FQDN or IP address of the S-CSCF in the form of a SIP URL;
- c) the To header shall contain the public user identity as contained in the REGISTER request received from the UE;
- d) the Contact header shall contain the FQDN or IP address of the S-CSCF in the form of a SIP URL;
- e) for initial registration and user-initiated reregistration (subclause 5.4.1.2), the Expires header shall contain the same value that the S-CSCF returned in the 200 OK response for the REGISTER request received from the UE;
- f) for user-initiated deregistration (subclause 5.4.1.4) and network-initiated deregistration (subclause 5.4.1.5), the Expires header shall contain the value zero; [and](#).
- g) for initial registration and user-initiated reregistration (subclause 5.4.1.2), a message body shall be included in the REGISTER request if there is Filter Criteria indicating the need to include HSS provided data for the REGISTER event (e.g. HSS may provide AS specific data to be included in the third-party REGISTER, such as IMSI to be delivered to IM SSF). If there is a service information XML element provided in the HSS Filter Criteria for an AS (see 3GPP TS 29.228 [12]), then it shall be included in the REGISTER message body within the <service-info> XML element as described in subclause 7.6. For the messages including the 3GPP IMS XML body, set the value of the Content-Type header to include the MIME type specified in subclause 7.6.

THIRD IDENTIFIED CHANGE

5.4.3.1 Requests initiated by the served user

When the S-CSCF receives from the served user an initial request for a dialog or a request for a standalone transaction, prior to forwarding the request, the S-CSCF shall:

- remove its own SIP URL from the topmost Route header;
- if the outgoing Request-URI is a TEL URL, the S-CSCF shall translate the E.164 address (see RFC 2806 [16]) to a globally routable SIP URL using an ENUM/DNS translation mechanism with the format specified in RFC 2916 [18]. Databases aspects of ENUM are outside the scope of the present document. If this translation fails, the request may be forwarded to a BGCF or any other appropriate entity (e.g a MRFC to play an announcement) in the originator's home network or an appropriate SIP response shall be sent to the originator;
- check if <original-dialog-id> XML element is present in the payload of the incoming request. If present, it indicates an association with an existing dialog, the request has been sent from an Application Server in response to a previously sent request. The <od-to>, <od-from> and <od-call-id> XML element values from the <original-dialog-id> XML element may be used as additional parameters when searching for existing dialogs. Local data shall be updated to indicate that this Application Server has been contacted for the initial request. The S-CSCF shall determine the next hop using initial filter criteria and local data on status of which Application Servers have been contacted. If the next hop is another Application Server, the S-CSCF shall retain the <original-dialog-id> XML element in the message body of the request. If the next hop is not an Application Server, the S-CSCF shall leave out the <original-dialog-id> XML element from the payload of the request;
- check whether the initial request matches the initial filter criteria of the application servers assigned for the public user identity as described in 3GPP TS 23.218 [5] subclause 6.4. Depending on the result of the previous check, the S-CSCF may contact one or more application server(s) before processing the outgoing Request-URI. In case of contacting one or more application server(s) the S-CSCF shall:
 - insert the AS URL to be contacted into the Route header as the topmost entry followed by its own URL; and
 - initialise local data to track the status of contacting each application server specified in the service profile. Additionally S-CSCF shall also populate the <original-dialog-id> XML element in the message body with the original To, From and Call-ID headers received in the request. See subclause 5.4.3.3 for further information on the original dialog identifier.
- store the value of the <icid> XML element received in the message body (see subclause 7.6) and retain the <icid> XML element in the message body;
- determine the destination address (e.g. DNS access) using the URL placed in the topmost Route header if present, otherwise based on the Request-URI; and
- in case of an initial request for a dialog the S-CSCF shall create a Record-Route header containing its own SIP URL and save the necessary header fields from the request (and from its appropriate responses) in order to release the dialog when needed.

When the S-CSCF receives from the served user a refresh request for a dialog, prior to forwarding the request the S-CSCF shall:

- remove its own URL from the topmost Route header;
- create a Record-Route header containing its own SIP URL and save the necessary header fields from the request (and from its appropriate responses) in order to release the dialog when needed; and
- route the request based on the topmost Route header.

When the S-CSCF receives from the served user a subsequent request other than refresh request for a dialog, prior to forwarding the request the S-CSCF shall:

- remove its own URL from the topmost Route header; and
- route the request based on the topmost Route header.

Error! No text of specified style in document.

6

Error! No text of specified style in document.

FOURTH IDENTIFIED CHANGE

5.4.4 Call initiation

5.4.4.1 Initial INVITE

Void.

5.4.4.1.1 Determination of served user

Void.

5.4.4.1.2 Mobile-originating case

Void.

5.4.34.1.3 Mobile-terminating case

Void.

5.4.4.2 Subsequent requests

Editor's Note: PRACK and COMET can be handled in a generic way.

5.4.4.2.1 Mobile-originating case

When the S-CSCF receives the COMET request, the S-CSCF shall remove and store the <gprs-charging-id> XML element from the message body (see subclause 7.6). The <gprs-charging-id> XML element is not included in the message body when the COMET request is forwarded.

5.4.43.2.2 Mobile-terminating case

When the S-CSCF receives 180 Ringing response, the S-CSCF shall remove and store the <gprs-charging-id> XML element from the message body (see subclause 7.6). The <gprs-charging-id> XML element is not included in the message body when the 180 Ringing response is forwarded.

FIFTH IDENTIFIED CHANGE

5.4.5 Call release

5.4.5.1 S-CSCF-initiated session release

Void.

5.4.5.1.1 Cancellation of a session currently being established

Upon receipt of an network internal indication to release a session which is currently being established, the S-CSCF shall cancel the related dialogs by sending the CANCEL request according to the procedures described in draft-ietf-sip-rfc2543bis-05 [20].

5.4.5.1.2 Release of an existing session

Upon receipt of a network internal indication to release an existing multimedia session, the S-CSCF shall:

- 1) generate a first BYE message for the called user based on the information saved for the related dialog, including:
 - a Request-URI, set to the topmost entry of the stored routing information towards the called user;
 - a To header, set to the To header value as received in the 200 OK response for the initial INVITE request;
 - a From header, set to the From header value as received in the initial INVITE request;
 - a Call-ID header, set to the Call-Id header value as received in the initial INVITE request;
 - a CSeq header, set to the CSeq value that was stored for the direction from the calling to the called user, incremented by one;
 - a Route header, set to the routing information towards the called user as stored for the dialog, exclusively the topmost entry (which appears in the Request-URI);
 - further headers, based on local policy or the requested session release reason.
- 2) generate a second BYE message for the calling user based on the information saved for the related dialog, including:
 - a Request-URI, set to the topmost entry of the stored routing information towards the calling user;
 - a To header, set to the From header value as received in the initial INVITE request;
 - a From header, set to the To header value as received in the 200 OK response for the initial INVITE request;
 - a Call-ID header, set to the Call-Id header value as received in the initial INVITE request;
 - a CSeq header, set to the CSeq value that was stored for the direction from the called to the calling user, incremented by one – if no CSeq value was stored for that session it shall generate and apply a random number within the valid range for CSeqs;
 - a Route header, set to the routing information towards the calling user as stored for the dialog, exclusively the topmost entry (which appears in the Request-URI);
 - further headers, based on local policy or the requested session release reason.
- 3) If the S-CSCF serves the calling user it shall:
 - treat the first BYE message as if received directly from the calling user, i.e. send it to internal service control and based on the outcome further on towards the called user;
 - send the second BYE message directly to the calling user.

4) If the S-CSCF serves the called user it shall:

- send the first BYE message directly to the called user;
- treat the second BYE message as if received directly from the called user, i.e. shall send it to internal service control and based on the outcome further on towards to the called user.

Upon receipt of the 2xx responses for both BYE requests, the S-CSCF shall release all information related to the dialog and the related multimedia session.

5.4.54.1.3 Abnormal cases

Upon receipt of a request on a dialog for which the S-CSCF initiated session release, the S-CSCF shall terminate the received request and answer it with a 481 Call/Transaction Does Not Exist response.

5.4.54.2 Session release initiated by any other entity

Upon receipt of a 2xx response for a BYE request matching an existing dialog, the S-CSCF shall delete all the stored information related to the dialog.

CR-Form-v5
CHANGE REQUEST
⌘ 24.229 CR 053 ⌘ rev 2 ⌘ Current version: 5.0.0 ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Integrity protection signalling from the P-CSCF to the S-CSCF		
Source:	⌘ Lucent Technologies (was Nokia, Ericsson)		
Work item code:	⌘ IMS-CCR	Date:	⌘ 12-04-2002
Category:	⌘ F	Release:	⌘ REL-5
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ There is not yet mechanism defined to signal from the P-CSCF to the S-CSCF the integrity protection of the REGISTER request
Summary of change:	⌘ Defining a way to signal the integrity protection of the REGISTER request
Consequences if not approved:	⌘ Lack of a security mechanism in IMS

Clauses affected:	⌘ 5.2, 7.2		
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘ Revision 2 created from agreed revision 1 to correct various editorial issues		

How to create CRs using this form:

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- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

5.2 Procedures at the P-CSCF

5.2.1 General

The P-CSCF shall support use of the Path header.

NOTE: The Path header is only applicable to the REGISTER request and its 200 OK response.

5.2.2 Registration

When the P-CSCF receives a REGISTER request from the UE that pertains to a given public user identity, the P-CSCF shall:

- insert a Path header in the request. The P-CSCF shall include in the Path header an entry containing the SIP URL identifying the P-CSCF;
 - insert a Require header and a Proxy-Require header both containing the option tag "path";
 - ~~— if the REGISTER request was received with a valid integrity check, add information to the REGISTER request to indicate that the REGISTER request was received with a valid integrity check; and insert the parameter "integrity-protected" (described in subclause 7.2.4) with a value "yes" into the Authorization header field in case the REGISTER request was received integrity protected, otherwise insert the parameter with the value "no"; and,~~
- ~~Editor's Note : The exact mechanism for this is FFS.~~
- determine the I-CSCF of the home network and forward the request to that I-CSCF.

When the P-CSCF receives a 200 OK response to a REGISTER request, the P-CSCF shall check the value of the Expires header field and/or Expires parameter in the Contact header. When the value of the Expires header field and/or expires parameter in the Contact header is different than zero, then the P-CSCF shall:

- 1) remove its SIP URL from the list of Path headers, reverses the order of the list and save the resulting list of Path headers. This list shall be stored during the entire registration period of the respective public user identity. This list shall be used to preload the routing information into the initial requests originated by the UE. If this registration is a reregistration, the P-CSCF shall replace the already existing Path headers with the new list;
- 2) associate the Path header information with the registered public user identity;
- 3) remove the list of Path headers and "path" option-tags from the 200 OK response before forwarding the response to the UE.

When the P-CSCF receives a 401 Unauthorized response to a REGISTER request, the P-CSCF shall remove and store the CK and IK values contained in the 401 Unauthorized response. The 401 Unauthorized response shall be forwarded to the UE if and only if the CK and IK have been removed.

~~Editor's Note: The P-CSCF behaviour when 3xx or 4xx responses other than 401 Unauthorized are received is FFS.~~

~~Editor's Note: The text above assumes that public user identities are registered one by one. Public user identity might need to be changed to Service Profile in the case when public user identities can be implicitly registered.~~

NOTE: The P-CSCF will maintain two Route lists. The first Route list - created during the registration procedure - is used only to pre-load the routing information into the initial INVITE request that originated at the UE. This list is valid during the entire registration of the respective public user identity. The second Route list - constructed from the Record Route headers in the initial INVITE and associated response - is used during the duration of the call. Once the call is terminated, the second Route list is discarded.

When the P-CSCF receives a 420 Bad Extension response to the above REGISTER request, the P-CSCF shall check the value of the Unsupported header field. When the value of the Unsupported header field is path, the P-CSCF shall take OA&M actions to indicate an error, in addition to passing on the 420 response to the UE. In all other cases, the P-CSCF shall proxy the 420 Bad Extension response.

7.2 SIP headers defined within the present document

7.2.1 Path header

7.2.1.1 Introduction

Path header is a mechanism whereby a P-CSCF, I-CSCFs, and S-CSCF can request to be on a signalling path for the initial INVITE exchanged between the UE and the S-CSCF. The path-establishment procedure is originated by the P-CSCF during the registration process. The procedure is performed during the initial registration of each public user identity and all subsequent reregistrations. The list of Path headers obtained by a reregistration overwrites the existing list of Path headers at the S-CSCF. Each reregistration of the same public user identity may result in new list of Path headers. The P-CSCF uses the list of Path headers to construct a list of Route headers. When initiating a call pertaining to a given public user identity, the list of Route headers will be pre-loaded into the initial INVITE request. If a CSCF wants to receive subsequent requests, it will insert its own name to the Record Route header of the initial INVITE request. Once on the route, a CSCF remains on the route for the duration of the call. The path learned while reregistering during an active call does not affect the existing call, since the routing path for the respective call has already been established. The list of Path headers is not forwarded to the UE.

7.2.1.2 Syntax

The Path header field has the syntax described in table 7.1.

Table 7.1: Syntax of path header

<pre>Path = "Path" ":" 1#(name-addr *(";rr-param")) rr-param = generic-param</pre>
--

7.2.1.3 Operation

The operation of this header is described in clause 5.

7.2.2 P-Called-Party-ID header

7.2.2.1 Introduction

The P-Called-Party-ID header is the mechanism whereby the terminating UE learns the dialled public user identity that triggered the current session initiation.

The S-CSCF inserts the header in all terminating INVITE and reINVITE requests. The header is not used in any other request or response.

7.2.2.2 Syntax

The P-Called-Party-ID header field has the syntax described in table 7.2.

Table 7.2: Syntax of P-Called-Party-ID header

```
P-Called-Party-ID = "P-Called-Party-ID" HCOLON 1#  
                    (name-addr *( SEMI p-cdpid-param))  
  
p-cdpid-param = generic-param
```

Table 7.3 is an extension of tables 2 and 3 in RFC 2543bis [20] and table in subclause 7.5 in the SIP-specific event notification [23].

Table 7.3: P-Called-Party-ID header

Header field	where	proxy	ACK	BYE	CAN	INV	OPT	REG	PRA	SUB	NOT
P-Called-Party-ID	R	am	-	-	-	o	-	-	-	-	-

7.2.2.3 Operation

The operation of this header is described in subclause 5.4.3.2.

[7.2A.2 integrity-protected parameter \(directive\)](#)

[7.2A.2.1 Introduction](#)

[The integrity-protected authentication parameter \(auth-param\) is an extension parameter defined for the Authorization header used in REGISTER requests. For more information, see RFC2617 \[15A\] subclause 3.2.2.](#)

[7.2A.2.2 -Syntax](#)

[The syntax for for auth-param is specified in table ~~x.x.17.5~~.](#)

[Table ~~x.x.17.5~~: Syntax of auth-param](#)

```
integrity-protected = "integrity-protected" EQUAL ("yes" / "no")
```

[7.2A.2.3 Operation](#)

[This authentication parameter is inserted by the P-CSCF in all the REGISTER requests received from the UE. The value of the parameter is set to “yes” in case the request was integrity protected, otherwise the value of it is set to “no”. This information is used by S-CSCF to decide whether to challenge the REGISTER request or not, as specified in subclause 5.4.1.](#)

CR-Form-v5

CHANGE REQUEST

⌘ **24.229 CR 054** ⌘ rev **-** ⌘ Current version: **5.0.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Representing IM CN subsystem functional entities in profile table roles		
Source:	⌘ Lucent Technologies		
Work item code:	⌘ IMS-CCR	Date:	⌘ 02/04/02
Category:	⌘ B	Release:	⌘ Rel-5
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ Currently the profile tables are not able to show a dependency on the functional entities. Therefore in the major capabilities tables, some capabilities have to be left optional with related notes, rather than giving a precise specification.
Summary of change:	⌘ A new set of roles are defined which are specific to 3GPP.
Consequences if not approved:	⌘ Absence of clarity and precision

Clauses affected:	⌘ A.1.3		
Other specs affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘ This CR does not apply these roles in the rest of the specification. This is left to be the subject of other CRs.		

How to create CRs using this form:

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

A.1.3 Roles

Table A.2: Roles

Item	Roles	Reference	RFC status	Profile status
1	User agent		o.1	o.1
2	Proxy		o.1	o.1

o.1: It is mandatory to support exactly one of these items.
NOTE: For the purposes of the present document it has been chosen to keep the specification simple by the tables specifying only one role at a time. This does not preclude implementations providing two roles, but an entirely separate assessment of the tables shall be made for each role.

~~NOTE: For the purposes of the present document it has been chosen to keep the specification simple by the tables specifying only one role at a time. This does not preclude implementations providing two roles, but an entirely separate assessment of the tables shall be made for each role.~~

Table A.2A: Roles specific to this profile

Item	Roles	Reference	RFC status	Profile status
1	UE		n/a	o.1
2	P-CSCF		n/a	o.1
3	I-CSCF		n/a	o.1
4	S-CSCF		n/a	o.1
5	BGCF		n/a	o.1
6	MGCF		n/a	o.1
7	AS		n/a	o.1
8	MRFC		n/a	o.1

o.1: It is mandatory to support exactly one of these items.
NOTE: For the purposes of the present document it has been chosen to keep the specification simple by the tables specifying only one role at a time. This does not preclude implementations providing two roles, but an entirely separate assessment of the tables shall be made for each role.

CR-Form-v5

CHANGE REQUEST

⌘ **24.229 CR 055** ⌘ rev **-** ⌘ Current version: **5.0.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Clause 4 editorials		
Source:	⌘ Lucent Technologies		
Work item code:	⌘ IMS-CCR	Date:	⌘ 02/04/02
Category:	⌘ D	Release:	⌘ Rel-5
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ Editorial corrections.		
Summary of change:	⌘ - improvement of precision of references to 23.218 in clause 4.2. ⌘ - removal of superfluous words in clause 4.3.		
Consequences if not approved:	⌘		

Clauses affected:	⌘		
Other specs affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘		

How to create CRs using this form:

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- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

4 General

4.1 Conformance of IM CN subsystem entities to SIP

SIP defines a number of roles which entities can implement in order to support capabilities. These roles are defined in annex A.

Each IM CN subsystem functional entity using an interface at the Gm reference point, the Mg reference point, the Mi reference point, the Mj reference point, the Mk reference point, the Mm reference point, the Mr reference point and the Mw reference point, and also using the IP multimedia Subsystem Service Control (ISC) Interface, shall implement SIP, as defined by the referenced specifications in Annex A, and in accordance with the constraints and provisions specified in annex A, according to the following roles.

The Gm reference point, the Mg reference point, the Mi reference point, the Mj reference point, the Mk reference point, the Mm reference point and the Mw reference point are defined in 3GPP TS 23.002 [2]

The Mr reference point is defined in 3GPP TS 23.228 [7].

The ISC interface is defined in 3GPP TS 23.228 [7] subclause 4.2.4.

- The User Equipment (UE) shall provide the User Agent (UA) role with the exceptions and additional capabilities as described in subclause 5.1.
- The P-CSCF shall provide the proxy role, with the exceptions and additional capabilities as described in subclause 5.2. When acting as the subscriber to or the recipient of event information, the P-CSCF shall provide the UA role, again with the exceptions and additional capabilities as described in subclause 5.2.
- The I-CSCF shall provide the proxy role, with the exceptions and additional capabilities as described in subclause 5.3.
- The S-CSCF shall provide the proxy role, with the exceptions and additional capabilities as described in subclause 5.4. The S-CSCF shall provide the UA role with the additional capabilities as described in subclause 5.4. The S-CSCF shall also act as a registrar, with the exceptions and additional capabilities as described in subclause 5.4. However, as the notifier of event information the S-CSCF shall provide the UA role, again with the exceptions and additional capabilities as described in subclause 5.4.
- The BGCF shall provide the proxy role, with the exceptions and additional capabilities as described in subclause 5.5.
- The MGCF shall provide the UA role, with the exceptions and additional capabilities as described in subclause 5.6.
- The AS, acting as terminating UA, or redirect server (as defined in 3GPP TS 23.218 [5] [subclause 9.1.1.1](#)), shall provide the UA role, with the exceptions and additional capabilities as described in subclause 5.7.2.
- The AS, acting as originating UA (as defined in 3GPP TS 23.218 [5] [subclause 9.1.1.2](#)), shall provide the UA role, with the exceptions and additional capabilities as described in subclause 5.7.3.
- The AS, acting as a SIP proxy (as defined in 3GPP TS 23.218 [5] [subclause 9.1.1.3](#)), shall provide the proxy role, with the exceptions and additional capabilities as described in subclause 5.7.4.
- The AS, performing 3rd party call control (as defined in 3GPP TS 23.218 [5] [subclause 9.1.1.4](#)), shall provide the UA role, with the exceptions and additional capabilities as described in subclause 5.7.5.
- The MRFC shall provide the UA role, with the exceptions and additional capabilities as described in subclause 5.8.

4.2 URL and address assignments

In order for SIP and SDP to operate, the following preconditions apply:

- 1) I-CSCFs used in registration are allocated FQDNs. Other IM CN subsystem entities may be allocated FQDNs. How these addresses are assigned to the logical entities is up to the network operator. For example, a single FQDN may be assigned to all I-CSCFs, and the load shared between various physical boxes by underlying IP capabilities, or a separate FQDN may be assigned to each I-CSCF, and the load shared between various physical boxes using DNS SRV capabilities.

Editor's note: The requirements for DNS-SRV entries or alternatives require further discussion.

- 2) All IM CN subsystem entities are allocated IP addresses. Allocation of IPv6 and IPv4 addresses fulfils the requirements of of 3GPP TS 23.221 [6] subclause 5.1.
- 3) The subscriber is allocated a private user identity by the home network operator, and this is contained within the USIM. This private user identity is available to the SIP application within the UE.

NOTE: The FQDNs may be resolved by using any of public DNSs, private DNSs, or peer-to-peer agreements.

- 4) The subscriber is allocated one or more public user identities by the home network operator. At least one of these is contained within the USIM. All public user identities are available to the SIP application within the UE.
- 5) The UE is dynamically assigned an IP version 6 address.

4.3 Routeing principles of IM CN subsystem entities

Each IM CN subsystem functional entity shall apply loose routeing policy as described in RFC 2543bis [20] ~~with the following restrictions~~, when processing a SIP request.

CR-Form-v5

CHANGE REQUEST

⌘ **24.229 CR 056** ⌘ rev **-** ⌘ Current version: **5.0.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Clause 5.8 editorials (MRFC)		
Source:	⌘ Lucent Technologies		
Work item code:	⌘ IMS-CCR	Date:	⌘ 02/04/02
Category:	⌘ D	Release:	⌘ Rel-5
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ Editorial correctness.		
Summary of change:	⌘ Various editorial and minor amendments throughout text not resulting in technical change. Changes of significance are as follows: - clause 5.8.3.1.1 - removal of normative requirement on H.248 interface.		
Consequences if not approved:	⌘ None		

Clauses affected:	⌘ 5.8.2.1.1, 5.8.3.1.1		
Other specs affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘		

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- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

5.8 Procedures at the MRFC

5.8.1 General

Void.

5.8.2 Call initiation

5.8.2.1 Initial INVITE

5.8.2.1.1 MRFC-terminating case

5.8.2.1.1.1 Introduction

When the MRFC receives an initial INVITE request, the MRFC shall store the value of the <icid> XML element received in the message body (see subclause 7.6).

5.8.2.1.1.2~~4~~ Tones and announcements

The MRFC can receive INVITE requests to set up a session to play tones and announcements. The MRFC acts as terminating UA in this case.

When the MRFC receives an INVITE request with an indicator for a tone or announcement, the MRFC shall:

- send 100 Trying response.

Editor's note: it is FFS how to identify the tone or announcement to be played.

5.8.2.1.1.3~~2~~ Ad-hoc conferences

The MRFC can receive INVITE requests to set up an ad-hoc conferencing session (e.g. Multiparty Call) or to add parties from the conference. The MRFC acts as terminating UA in this case.

When the MRFC receives an INVITE request with an indicator to initiate ad hoc conferencing, the MRFC shall:

- send 100 Trying response; and
- after the MRFP indicates that the conference resources are available, send 200 OK response with an MRFC conference identifier. If the MRFC chooses to send a 183 Session Progress response prior to the 200 OK, then the conference identifier may also be included in the 183 Session Progress response.

When the MRFC receives an INVITE request with an indicator to add a party to an existing ad hoc conference (i.e. MRFC conference identifier), the MRFC shall:

- send 100 Trying response; and
- after the MRFP indicates that the conferencing request is granted, send 200 OK response with the MRFC conference identifier. If the MRFC chooses to send a 183 Session Progress response prior to the 200 OK, then the conference identifier may also be included in the 183 Session Progress response.

Editor's note: it is FFS how to identify the resources of the MRFC/MRFP.

5.8.2.1.1.4~~3~~ Transcoding

The MRFC may receive INVITE requests to set up transcoding between endpoints with incompatible codecs. The MRFC acts as terminating UA in this case.

When the MRFC receives an INVITE request with an indicator for transcoding and a codec is supplied in SDP, the MRFC shall:

- send 100 Trying response; and
- after the MRFP indicates that the transcoding request is granted, send 200 OK response.

When the MRFC receives an INVITE request with an indicator for transcoding but no SDP, the MRFC shall:

- send 183 Session Progress response with list of codecs supported by the MRFC/MRFP.

5.8.2.1.2 MRFC-originating case

Void.

5.8.2.2 Subsequent requests

Editor's Note: PRACK and COMET can be handled in a generic way.

5.8.2.2.1 Tones and announcements

When the MRFC receives an ACK request for a session, this may be considered as an event to direct the MRFP to start the playing of a tone or announcement.

5.8.3 Call release

5.8.3.1 S-CSCF-initiated call release

5.8.3.1.1 Tones and announcements

When the MRFC receives a BYE request for a session, the MRFC ~~shall~~ direct_s the MRFP to stop the playing of a tone or announcement.

5.8.3.2 MRFC-initiated call release

5.8.3.2.1 Tones and announcements

When the MRFC has a timed session to play tones and announcements and the time expires, the MRFC shall:

- send a BYE request towards the UE.

When the MRFC is informed by the MRFP that tone or announcement resource has been released, the MRFC shall:

- send a BYE request towards the UE.

5.8.2.2.2 Transcoding

When the MRFC receives a PRACK request (in response to the 183) with an indicator for transcoding and codec supplied in SDP, the MRFC shall:

- after the MRFP indicates that the transcoding request is granted, send 200 OK response.

5.8.4 Call-related requests

5.8.4.1 ReINVITE

5.8.4.1.1 MRFC-terminating case

5.8.4.1.1.1 Ad-hoc conferences

The MRFC can receive reINVITE requests to modify an ad-hoc conferencing session (e.g. Multiparty Call) for purposes of floor control and for parties to leave and rejoin the conference.

When the MRFC receives a reINVITE request, the MRFC shall:

- send 100 Trying response; and
- after the MRFP indicates that the conferencing request is granted, send 200 OK response with the MRFC conference identifier. If the MRFC chooses to send a 183 Session Progress response prior to the 200 OK, then the conference identifier may also be included in the 183 Session Progress response.

Editor's note: it is FFS how to identify the resources of the MRFC/MRFP.

5.8.4.1.2 MRFC-originating case

Void.

5.8.4.2 REFER

5.8.4.2.1 MRFC-terminating case

Void.

5.8.4.2.2 MRFC-originating case

Void.

5.8.4.2.3 REFER initiating a new session

Void.

5.8.4.2.4 REFER replacing an existing session

Void.

5.8.4.3 INFO

Editor's Note: It has to be determined which of these requests can be handled in a generic way.

5.8.5 Further initial requests

When the MRFC responds to an OPTIONS request with a 200 OK response, the MRFC may include a message body with an indication of the supported tones/announcement packages, DTMF capabilities, supported codecs and conferencing options of the MRFC/MRFP.

Editor's note: it is FFS how to identify the resources of the MRFC/MRFP.

CR-Form-v5

CHANGE REQUEST

⌘ **24.229 CR 057** ⌘ rev **1** ⌘ Current version: **5.0.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Annex A editorials, including precondition additions		
Source:	⌘ Lucent Technologies		
Work item code:	⌘ IMS-CCR	Date:	⌘ 18/04/02
Category:	⌘ D	Release:	⌘ Rel-5
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ A number of mistakes with formatting, and minor comments require insertion.		
Summary of change:	⌘ Insertion of missing preconditions. Renumbering of some tables Rev 1 made to remove interactions with other CRs.		
Consequences if not approved:	⌘ None.		

Clauses affected:	⌘ A		
Other specs affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘		

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Annex A (normative): Profiles of IETF RFCs for 3GPP usage

A.1 Profiles

A.1.1 Relationship to other specifications

This annex contains a profile to the IETF specifications, and the PICS proformas underlying profiles do not add requirements to the specifications they are proformas for.

This annex provides a profile specification according to both the current IETF specifications for SIP, SDP and other protocols (as indicated by the "RFC status" column in the tables in this annex) and to the 3GPP specifications using SIP (as indicated by the "Profile status" column in the tables in this annex).

In the "RFC status" column the contents of the referenced specification takes precedence over the contents of the entry in the column. However, a number of the referenced specifications reference RFC 2543 rather than draft-ietf-sip-rfc2543bis [20], and therefore certain extensions (particularly new headers) have not been included in these referenced specifications. 3GPP apply the extensions of the bis draft to IETF specifications that reference RFC 2543, and where this consideration applies to the entry in the "RFC status" column, then the entry should apply and override the referenced IETF specification.

In the "Profile status" column, there are a number of differences from the "RFC status" column. Where these differences occur, these differences take precedence over any requirements of the IETF specifications. Where specification concerning these requirements exists in the main body of the present document, the main body of the present document takes precedence.

Where differences occur in the "Profile status" column, the "Profile status" normally gives more strength to a "RFC status" and is not be in contradiction with the "RFC status", e.g. it may change an optional "RFC status" to a mandatory "Profile status". If the "Profile status" weakens the strength of a "RFC status" then additionally this will be indicated by further textual description in the present document.

A.1.2 Introduction to methodology within this profile

This subclause does not reflect dynamic conformance requirements but static ones. In particular, an condition for support of a PDU parameter does not reflect requirements about the syntax of the PDU (i.e. the presence of a parameter) but the capability of the implementation to support the parameter.

In the sending direction, the support of a parameter means that the implementation is able to send this parameter (but it does not mean that the implementation always sends it).

In the receiving direction, it means that the implementation supports the whole semantic of the parameter.

As a consequence, PDU parameter tables in this subclause are not the same as the tables describing the syntax of a PDU in the reference specification, e.g. RFC 2543bis [20] tables 2 and 3. It is not rare to see a parameter which is optional in the syntax but mandatory in subclause below.

The various statii used in this subclause are in accordance with the rules in table A.1.

Table A.1: Key to status codes

Status code	Status name	Meaning
m	mandatory	the capability shall be supported. It is a static view of the fact that the conformance requirements related to the capability in the reference specification are mandatory requirements. This does not mean that a given behaviour shall always be observed (this would be a dynamic view), but that it shall be observed when the implementation is placed in conditions where the conformance requirements from the reference specification compel it to do so. For instance, if the support for a parameter in a sent PDU is mandatory, it does not mean that it shall always be present, but that it shall be present according to the description of the behaviour in the reference specification (dynamic conformance requirement).
o	optional	the capability may or may not be supported. It is an implementation choice.
n/a	not applicable	it is impossible to use the capability. No answer in the support column is required.
x	prohibited (excluded)	It is not allowed to use the capability. This is more common for a profile.
c <integer>	conditional	the requirement on the capability ("m", "o", "n/a" or "x") depends on the support of other optional or conditional items. <integer> is the identifier of the conditional expression.
o.<integer>	qualified optional	for mutually exclusive or selectable options from a set. <integer> is the identifier of the group of options, and the logic of selection of the options.
i	irrelevant	capability outside the scope of the given specification. Normally, this notation should be used in a base specification ICS proforma only for transparent parameters in received PDUs. However, it may be useful in other cases, when the base specification is in fact based on another standard.

A.1.3 Roles

Table A.2: Roles

Item	Roles	Reference	RFC status	Profile status
1	User agent		o.1	o.1
2	Proxy		o.1	o.1
o.1: It is mandatory to support exactly one of these items.				

NOTE: For the purposes of the present document it has been chosen to keep the specification simple by the tables specifying only one role at a time. This does not preclude implementations providing two roles, but an entirely separate assessment of the tables shall be made for each role.

A.2 Profile definition for the Session Initiation Protocol as used in the present document

A.2.1 User agent role

A.2.1.1 Introduction

This subclause contains the ICS proforma tables related to the user role. They need to be completed only for UA implementations:

Prerequisite: A.2/1 -- user agent role.

A.2.1.2 Major capabilities

Table A.3: Major capabilities

Item	Does the implementation support	Reference	RFC status	Profile status
Capabilities within main protocol				
1	client behaviour for registration?	[20]	m	m
2	server behaviour for registration?	[20]	n/a	n/a
3	registrar?	[20]	n/a	n/a
4	client behaviour for session requests?	[20]	m	o
5	server behaviour for session requests?	[20]	m	o
6	session release?	[20]	m	c1
7	timestamping of requests?	[20]	o	o
8	authentication between UA and UA?	[20] subclause 22.4	o	o
9	authentication between UA and registrar?	[20] subclause 22.4	o	n/a
10	insertion of date in requests and responses?	[20] subclause 24.17	o	o
11	downloading of alerting information?	[20] subclause 22.4	o	o
Extensions				
12	The SIP INFO method?	[19]	o	n/a
13	Reliability of provisional responses in SIP?	[21]	o	m
14	SIP caller preferences and callee capabilities?	[24]	o	o
15	the REFER method?	[25]	o	o
16	The SIP session timer?	[26]	o	o
17	Integration of resource management and SIP?	[22]	o	m
18	SIP extensions for caller identity and privacy?	[27]	o	m
19	SIP extensions for supporting distributed call state?	[28]	o	o
20	SIP extensions for media authorization?	[29]	o	m
21	SIP specific event notification	[23]	o	o
22	acting as the notifier of event information	[23]	c2	c2
23	acting as the recipient of event information	[23]	c2	c2
c1:	IF A.3/4 OR A.3/5 THEN m ELSE o.			
c2:	IF A.3/21 THEN o.1 ELSE n/a.			
o.1:	At least one of these capabilities is supported.			

A.2.1.3 PDUs

Table A.4: Supported methods

Item	PDU	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	ACK request	[20] 13	m	m	[20] 13	m	m
2	BYE request	[20] 15.1	o		[20] 15.1	o	
3	BYE response	[20] 15.1	o		[20] 15.1	o	
4	CANCEL request	[20] 16.9	o		[20] 16.9	o	
5	CANCEL response	[20] 16.9	o		[20] 16.9	o	
6	COMET request	[22] 5	o		[22] 5	o	
7	COMET response	[22] 5	o		[22] 5	o	
8	INFO request	[19] 2	c2	n/a	[19] 2	c2	n/a
9	INFO response	[19] 2	c2	n/a	[19] 2	c2	n/a
10	INVITE request	[20] 13	m	m	[20] 13	m	m
11	INVITE response	[20] 13	m	m	[20] 13	m	m
12	NOTIFY request	[23] 7.4.2	c4	c4	[23] 7.4.2	c3	c3
13	NOTIFY response	[23] 7.4.2	c3	c3	[23] 7.4.2	c4	c4
14	OPTIONS request	[20] 11	m	m	[20] 11	m	m
15	OPTIONS response	[20] 11	m	m	[20] 11	m	m
16	PRACK request	[21] 6	c5	c5	[21] 6	c5	c5
17	PRACK response	[21] 6	c5	c5	[21] 6	c5	c5
18	REFER request	[25] 3	c1	c1	[25] 3	c1	c1
19	REFER response	[25] 3	c1	c1	[25] 3	c1	c1
20	REGISTER request	[20] 10	o		[20] 10	n/a	
21	REGISTER response	[20] 10	n/a		[20] 10	m	
22	SUBSCRIBE request	[23] 7.4.1	c3	c3	[23] 7.4.1	c4	c4
23	SUBSCRIBE response	[23] 7.4.1	c4	c4	[23] 7.4.1	c3	c3
c2:		IF A.3/12 THEN m ELSE n/a.					
c1:		IF A.3/15 THEN m ELSE n/a.					
c3:		IF A.3/23 THEN m ELSE n/a.					
c4:		IF A.3/22 THEN m ELSE n/a.					
c5:		IF A.3/13 THEN m ELSE n/a - - reliability of provisional responses.					

Editor's note: Optional status of BYE in RFC status is given because RFC states SHOULD (client and server).

Editor's note: Optional status of REGISTER in RFC status is given because RFC states RECOMMENDED (client); for the UAS, not statement is made, but it is assumed that this therefore means n/a.

A.2.1.4 PDU parameters

A.2.1.4.1 Status-codes

Table A.5: Supported status-codes

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	"100" Trying	[20] 23.1.1	n/a	n/a	[20] 23.1.1	m	m
2	"180" Ringing	[20] 23.1.2	c2	c2	[20] 23.1.2	c1	c1
3	"181" Call Is Being Forwarded	[20] 23.1.3	c2	c2	[20] 23.1.3	c1	c1
4	"182" Queued	[20] 23.1.4	c2	c2	[20] 23.1.4	c1	c1
5	"183" Session Progress	[20] 23.1.5	c1	c1	[20] 23.1.5	c1	c1
6	"200" OK						
7	"202" Accepted	[23] 7.6.1	c3	c3	[23] 7.6.1	c3	c3
8	"300" Multiple Choices						
9	"301" Moved Permanently						
10	"302" Moved Temporarily						
11	"305" Use Proxy						
12	"380" Alternative Service						
13	"400" Bad Request						
14	"401" Unauthorized						
15	"402" Payment Required						
16	"403" Forbidden						
17	"404" Not Found						
18	"405" Method Not Allowed						
19	"406" Not Acceptable						
20	"407" Proxy Authentication Required						
21	"408" Request Timeout						
22	"409" Conflict						
23	"410" Gone						
24	"411" Length Required						
25	"413" Request Entity Too Large						
26	"414" Request-URI Too Large						
27	"415" Unsupported Media Type						
28	"420" Bad Extension						
29	"421" Extension Required"						
30	"423" Registration Too Brief	[20] 25.4.17	c4	c4	[20] 25.4.17	m	m
31	"480" Temporarily not available						
32	"481" Call Leg/Transaction Does Not Exist						
33	"482" Loop Detected						
34	"483" Too Many Hops						
35	"484" Address Incomplete						
36	"485" Ambiguous						
37	"486" Busy Here						
38	"487" Request Cancelled						
39	"488" Not Acceptable Here						
40	"489" Bad Events	[23] 7.6.2	c3	c3	[23] 7.6.2	c3	c3
41	"500" Internal Server Error						
42	"501" Not Implemented						
43	"502" Bad Gateway						
44	"503" Service Unavailable						
45	"504" Gateway Time-out						
46	"505" SIP Version not supported						
47	"580" Precondition Failure						

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
48	"600" Busy Everywhere						
49	"603" Decline						
50	"604" Does not exist anywhere						
51	"606" Not Acceptable						
c1:	IF A.4/11 THEN m ELSE n/a.						
c2:	IF A.4/11 THEN o ELSE n/a.						
c3:	IF A.3/21 THEN m ELSE n/a.						
c4:	IF A.4/21 OR A.4/23 THEN m ELSE n/a - - REGISTER response or SUBSCRIBE response.						

A.2.1.4.2 ACK method

Prerequisite A.4/1 – ACK request

Table A.6: Supported headers within the ACK request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	o		[20] 24.5	o	
2	Allow-Events	[23] 7.5.2	c1	c1	[23] 7.5.2	c2	c2
3	Authorization	[20] 24.7	c3	c3	[20] 24.7	c3	c3
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Contact	[20] 24.10	o		[20] 24.10	o	
6	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	c4	c4	[20] 24.17	m	m
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
17	Proxy-Require	[20] 24.29	o	n/a	[20] 24.29	n/a	n/a
18	Record-Route	[20] 24.31	o	o	[20] 24.31	m	m
19	Referred-By	[25] 3.3	c5	c5	[25] 3.3	c6	c6
20	Require	[20] 24.33, [28] 3	o	o	[20] 24.33, [28] 3	m	m
21	Route	[20] 24.35	m	m	[20] 24.35	n/a	n/a
22	State	[28] 5.1	o		[28] 5.1	o	
23	Timestamp	[20] 24.40	c7	c7	[20] 24.40	m	m
24	To	[20] 24.41	m	m	[20] 24.41	m	m
25	User-Agent	[20] 24.43	o		[20] 24.43	o	
26	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/21 THEN o ELSE n/a.						
c2:	IF A.3/21 THEN m ELSE n/a.						
c3:	IF A.3/8 THEN m ELSE n/a.						
c4:	IF A.3/10 THEN o ELSE n/a.						
c5:	IF A.3/15 THEN o ELSE n/a.						
c6:	IF A.3/15 THEN m ELSE n/a.						
c7:	IF A.3/7 THEN o ELSE n/a.						

Editor's note: Is the following table a suitable way of showing the contents of message bodies.

[Prerequisite A.4/1 – ACK request](#)**Table A.7: Supported message bodies within the ACK request**

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.1.4.3 BYE method

Prerequisite A.4/2 – BYE request

Table A.8: Supported headers within the BYE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	c1	c1	[23] 7.5.2	c2	c2
6	Authorization	[20] 24.7	c3	c3	[20] 24.7	c3	c3
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Language	[20] 24.13	o		[20] 24.13	o	
11	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
12	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
13	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
14	Date	[20] 24.17	c4	c4	[20] 24.17	m	m
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
19	Proxy-Require	[20] 24.29	o	n/a	[20] 24.29, [28] 3	n/a	n/a
20	Record-Route	[20] 24.31	o		[20] 24.31	o	
21	Referred-By	[25] 3.3	c5	c5	[25] 3.3	c6	c6
22	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
23	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
24	Require	[20] 24.33, [28] 3	o	o	[20] 24.33, [28] 3	m	m
25	Route	[20] 24.35	m	m	[20] 24.35	n/a	n/a
26	State	[28] 5.1	o		[28] 5.1	o	
27	Supported	[20] 24.39, [26] 7.1	c7	c7	[20] 24.39, [26] 7.1	m	m
28	Timestamp	[20] 24.40	c8	c8	[20] 24.40	m	m
29	To	[20] 24.41	m	m	[20] 24.41	m	m
30	User-Agent	[20] 24.43	o		[20] 24.43	o	
31	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/21 THEN o ELSE n/a.						
c2:	IF A.3/21 THEN m ELSE n/a.						
c3:	IF A.3/8 THEN m ELSE n/a.						
c4:	IF A.3/10 THEN o ELSE n/a.						
c5:	IF A.3/15 THEN o ELSE n/a.						
c6:	IF A.3/15 THEN m ELSE n/a.						
c7:	IF A.3/16 THEN m ELSE o -- support of timer extension.						
c8:	IF A.3/7 THEN o ELSE n/a.						

[Prerequisite A.4/2 – BYE request](#)

Table A.9: Supported message bodies within the BYE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.4/3 – BYE response

Prerequisite A.5/27 -- "415" Unsupported Media Type

Table A.10: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/3 – BYE response

Prerequisite: A.5/18 -- "405" Method Not Allowed

Table A.11: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/3 - - BYE response

Prerequisite: A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 OR A.5/36 - - 3xx or 485 "Ambiguous"

Table A.12: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/3 – BYE response

Prerequisite: ~~A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/13~~² – 401

Table A.13: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Record-Route	[20] 24.31	o		[20] 24.31	o	
14	Require	[20] 24.33	m	m	[20] 24.33	m	m
15	Server	[20] 24.37	o	o	[20] 24.37	o	o
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	m	m
18	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	User-Agent	[20] 24.43	o		[20] 24.43	o	
21	Via	[20] 24.44	m	m	[20] 24.44	m	m
22	Warning	[20] 24.45	o		[20] 24.45	o	
23	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/3 – BYE response

Prerequisite: ~~A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12-19~~ – 407

Table A.14: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/3 – BYE response

Prerequisite: A.5/6 – 2xx

Table A.15: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Record-Route	[20] 24.31	o		[20] 24.31	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN o ELSE n/a.						

Prerequisite A.4/3 – BYE response

Prerequisite: A.5/35 – 484

Table A.16: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Record-Route	[20] 24.31	o		[20] 24.31	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN o ELSE n/a.					

Prerequisite A.4/3 – BYE response

Prerequisite: A.5/1 – 100 Trying

Table A.17: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	n/a	n/a	[20] 24.8	m	m
2	Content-Length	[20] 24.14	n/a	n/a	[20] 24.14	m	m
3	Cseq	[20] 24.16	n/a	n/a	[20] 24.16	m	m
4	Date	[20] 24.17	n/a	n/a	[20] 24.17	m	m
5	From	[20] 24.20	n/a	n/a	[20] 24.20	m	m
6	To	[20] 24.41	n/a	n/a	[20] 24.41	m	m
7	Via	[20] 24.44	n/a	n/a	[20] 24.44	m	m

Prerequisite A.4/3 – BYE response

Prerequisite: A.5/28 – 420

Table A.18: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	m	m
13	Server	[20] 24.37	o	o	[20] 24.37	o	o
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	m	m
16	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	Unsupported	[20] 24.42	m	m	[20] 24.42	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/3 – BYE response

Prerequisite: A.5/17 OR A.5/25 OR A.5/31 OR A.5/37 OR A.5/41 OR A.5/44 OR A.5/48 OR A.5/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.19: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	m	m
13	Retry-After	[20] 24.34	o	o	[20] 24.34	o	o
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

[Prerequisite A.4/3 – BYE response](#)

Table A.20: Supported message bodies within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.1.4.4 CANCEL method

Prerequisite A.4/4 – CANCEL request

Table A.21: Supported headers within the CANCEL request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	c1	c1	[23] 7.5.2	c2	c2
6	Authorization	[20] 24.7	c3	c3	[20] 24.7	c3	c3
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c4	c4	[20] 24.17	m	m
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
16	Proxy-Require	[20] 24.29	o	n/a	[20] 24.29, [28] 3	n/a	n/a
17	Record-Route	[20] 24.31	o		[20] 24.31	o	
18	Referred-By	[25] 3.3	c5	c5	[25] 3.3	c6	c6
19	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
20	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
21	Require	[20] 24.33, [28] 3	o	o	[20] 24.33, [28] 3	m	m
22	Route	[20] 24.35	m	m	[20] 24.35	n/a	n/a
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39, [26] 7.1	c7	c7	[20] 24.39, [26] 7.1	m	m
25	Timestamp	[20] 24.40	c8	c8	[20] 24.40	m	m
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.3/21 THEN o ELSE n/a.					
c2:		IF A.3/21 THEN m ELSE n/a.					
c3:		IF A.3/8 THEN m ELSE n/a.					
c4:		IF A.3/10 THEN o ELSE n/a.					
c5:		IF A.3/15 THEN o ELSE n/a.					
c6:		IF A.3/15 THEN m ELSE n/a.					
c7:		IF A.3/16 THEN m ELSE o -- support of timer extension.					
c8:		IF A.3/7 THEN o ELSE n/a.					

[Prerequisite A.4/4 – CANCEL request](#)

Table A.22: Supported message bodies within the CANCEL request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.4/5 – CANCEL response

Prerequisite: ~~A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/13~~ – 401

Table A.23: Supported headers within the CANCEL response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Language	[20] 24.13	o		[20] 24.13	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
5	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
6	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
7	From	[20] 24.20	m	m	[20] 24.20	m	m
8	MIME-Version	[20] 24.24	o		[20] 24.24	o	
9	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
10	Record-Route	[20] 24.31	o		[20] 24.31	o	
11	Require	[20] 24.33	m	m	[20] 24.33	m	m
12	State	[28] 5.1	o		[28] 5.1	o	
13	Supported	[20] 24.39	m	m	[20] 24.39	m	m
14	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
15	To	[20] 24.41	m	m	[20] 24.41	m	m
16	User-Agent	[20] 24.43	o		[20] 24.43	o	
17	Via	[20] 24.44	m	m	[20] 24.44	m	m
18	Warning	[20] 24.45	o		[20] 24.45	o	
19	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/5 – CANCEL response

Prerequisite: A.5/6 – 200

Table A.24: Supported headers within the CANCEL response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Language	[20] 24.13	o		[20] 24.13	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
5	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
6	From	[20] 24.20	m	m	[20] 24.20	m	m
7	MIME-Version	[20] 24.24	o		[20] 24.24	o	
8	Record-Route	[20] 24.31	o		[20] 24.31	o	
9	Require	[20] 24.33	m	m	[20] 24.33	m	m
10	State	[28] 5.1	o		[28] 5.1	o	
11	Supported	[20] 24.39	m	m	[20] 24.39	m	m
12	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
13	To	[20] 24.41	m	m	[20] 24.41	m	m
14	User-Agent	[20] 24.43	o		[20] 24.43	o	
15	Via	[20] 24.44	m	m	[20] 24.44	m	m
16	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/5 – CANCEL response

Prerequisite: A.5/35 – 484

Table A.25: Supported headers within the CANCEL response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Language	[20] 24.13	o		[20] 24.13	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
5	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
6	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
7	From	[20] 24.20	m	m	[20] 24.20	m	m
8	MIME-Version	[20] 24.24	o		[20] 24.24	o	
9	Record-Route	[20] 24.31	o		[20] 24.31	o	
10	Require	[20] 24.33	m	m	[20] 24.33	m	m
11	State	[28] 5.1	o		[28] 5.1	o	
12	Supported	[20] 24.39	m	m	[20] 24.39	m	m
13	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
14	To	[20] 22.37	m	m	[20] 22.37	m	m
15	User-Agent	[20] 24.43	o		[20] 24.43	o	
16	Via	[20] 24.44	m	m	[20] 24.44	m	m
17	Warning	[20] 24.45	o		[20] 24.45	o	

c1: IF A.3/10 THEN o ELSE n/a

c2: IF A.3/7 THEN m ELSE n/a

Prerequisite A.4/5 – CANCEL response

Prerequisite: A.5/28 – 420

Table A.26: Supported headers within the CANCEL response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Language	[20] 24.13	o		[20] 24.13	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
5	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
6	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
7	From	[20] 24.20	m	m	[20] 24.20	m	m
8	MIME-Version	[20] 24.24	o		[20] 24.24	o	
9	Require	[20] 24.33	m	m	[20] 24.33	m	m
10	State	[28] 5.1	o		[28] 5.1	o	
11	Supported	[20] 24.39	m	m	[20] 24.39	m	m
12	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
13	To	[20] 24.41	m	m	[20] 24.41	m	m
14	Unsupported	[20] 24.42	m	m	[20] 24.42	m	m
15	User-Agent	[20] 24.43	o		[20] 24.43	o	
16	Via	[20] 24.44	m	m	[20] 24.44	m	m
17	Warning	[20] 24.45	o		[20] 24.45	o	

c1: IF A.3/10 THEN o ELSE n/a.

c2: IF A.3/7 THEN m ELSE n/a.

Prerequisite A.4/5 – CANCEL response

Prerequisite: A.5/17 OR A.5/25 OR A.5/31 OR A.5/41 OR A.5/44 OR A.5/48 OR A.5/49 – 404, 413, 480, 500, 503, 600, 603

Table A.27: Supported headers within the CANCEL response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Language	[20] 24.13	o		[20] 24.13	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
5	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
6	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
7	From	[20] 24.20	m	m	[20] 24.20	m	m
8	MIME-Version	[20] 24.24	o		[20] 24.24	o	
9	Require	[20] 24.33	m	m	[20] 24.33	m	m
10	State	[28] 5.1	o		[28] 5.1	o	
11	Supported	[20] 24.39	m	m	[20] 24.39	m	m
12	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
13	To	[20] 24.41	m	m	[20] 24.41	m	m
14	User-Agent	[20] 24.43	o		[20] 24.43	o	
15	Via	[20] 24.44	m	m	[20] 24.44	m	m
16	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

[Prerequisite A.4/5 – CANCEL response](#)

Table A.28: Supported message bodies within the CANCEL response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.1.4.5 COMET method

Prerequisite A.4/6 – COMET request

Table A.29: Supported headers within the COMET request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	c1	c1	[23] 7.5.2	c2	c2
6	Authorization	[20] 24.7	c3	c3	[20] 24.7	c3	c3
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Contact	[20] 24.10	o		[20] 24.10	o	
9	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
10	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
11	Content-Language	[20] 24.13	o		[20] 24.13	o	
12	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
13	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
14	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
15	Date	[20] 24.17	c4	c4	[20] 24.17	m	m
16	Expires	[20] 24.19	o		[20] 24.19	o	
17	From	[20] 24.20	m	m	[20] 24.20	m	m
18	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
19	MIME-Version	[20] 24.24	o		[20] 24.24	o	
20	Organization	[20] 24.25	o		[20] 24.25	o	
21	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
22	Proxy-Require	[20] 24.29	o	n/a	[20] 24.29, [28] 3	n/a	n/a
23	Record-Route	[20] 24.31	o		[20] 24.31	o	
24	Referred-By	[25] 3.3	c5	c5	[25] 3.3	c6	c6
25	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
26	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
27	Require	[20] 24.33, [28] 3	o	o	[20] 24.33, [28] 3	m	m
28	Route	[20] 24.35	m	m	[20] 24.35	n/a	n/a
29	State	[28] 5.1	o		[28] 5.1	o	
30	Subject	[20] 24.38	o		[20] 24.38	o	
31	Supported	[20] 24.39, [26] 7.1	c7	c7	[20] 24.39, [26] 7.1	m	m
32	Timestamp	[20] 24.40	c8	c8	[20] 24.40	m	m
33	To	[20] 24.41	m	m	[20] 24.41	m	m
34	User-Agent	[20] 24.43	o		[20] 24.43	o	
35	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/21 THEN o ELSE n/a.						
c2:	IF A.3/21 THEN m ELSE n/a.						
c3:	IF A.3/8 THEN m ELSE n/a.						
c4:	IF A.3/10 THEN o ELSE n/a.						
c5:	IF A.3/15 THEN o ELSE n/a.						
c6:	IF A.3/15 THEN m ELSE n/a.						
c7:	IF A.3/16 THEN m ELSE o -- support of timer extension.						
c8:	IF A.3/7 THEN o ELSE n/a.						

[Prerequisite A.4/6 – COMET request](#)

Table A.30: Supported message bodies within the COMET request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.4/7 – COMET response

Prerequisite: A.5/27 -- "415" Unsupported Media Type

Table A.31: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	Require	[20] 24.33	m	m	[20] 24.33	m	m
18	Server	[20] 24.37	o	o	[20] 24.37	o	o
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	m	m
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/7 – COMET response

Prerequisite: A.5/18 -- "405" Method Not Allowed

Table A.32: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/7 – COMET response

Prerequisite: ~~A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 OR~~ A.5/36 – 3xx or 485 "Ambiguous"

Table A.33: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/7 – COMET response

Prerequisite: A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 – 3xx

Table A.34: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/7 – COMET response

Prerequisite: A.5/20 – 407

Table A.35: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
24	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
25	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
26	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
27	Content-Language	[20] 24.13	o		[20] 24.13	o	
28	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
29	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
30	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
31	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
32	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
33	Expires	[20] 24.19	o		[20] 24.19	o	
34	From	[20] 24.20	m	m	[20] 24.20	m	m
35	MIME-Version	[20] 24.24	o		[20] 24.24	o	
36	Organization	[20] 24.25	o		[20] 24.25	o	
37	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
38	Require	[20] 24.33	m	m	[20] 24.33	m	m
39	Server	[20] 24.37	o	o	[20] 24.37	o	o
40	State	[28] 5.1	o		[28] 5.1	o	
41	Supported	[20] 24.39	m	m	[20] 24.39	m	m
42	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
43	To	[20] 24.41	m	m	[20] 24.41	m	m
44	User-Agent	[20] 24.43	o		[20] 24.43	o	
45	Via	[20] 24.44	m	m	[20] 24.44	m	m
46	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/7 – COMET response

Prerequisite: A.5/6 – 2xx

Table A.36: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Expires	[20] 24.19	o		[20] 24.19	o	
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Organization	[20] 24.25	o		[20] 24.25	o	
14	Record-Route	[20] 24.31	o		[20] 24.31	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/7 – COMET response

Prerequisite: A.5/1 – 100 Trying

Table A.37: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	n/a	n/a	[20] 24.8	m	m
2	Content-Length	[20] 24.14	n/a	n/a	[20] 24.14	m	m
3	Cseq	[20] 24.16	n/a	n/a	[20] 24.16	m	m
4	Date	[20] 24.17	n/a	n/a	[20] 24.17	m	m
5	From	[20] 24.20	n/a	n/a	[20] 24.20	m	m
6	To	[20] 24.41	n/a	n/a	[20] 24.41	m	m
7	Via	[20] 24.44	n/a	n/a	[20] 24.44	m	m

Prerequisite A.4/7 – COMET response

Prerequisite: A.5/28 – 420

Table A.38: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	Expires	[20] 24.19	o		[20] 24.19	o	
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Organization	[20] 24.25	o		[20] 24.25	o	
14	Require	[20] 24.33	m	m	[20] 24.33	m	m
15	Server	[20] 24.37	o	o	[20] 24.37	o	o
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	m	m
18	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	Unsupported	[20] 24.42	m	m	[20] 24.42	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/7 – COMET response

Prerequisite: A.5/17 OR A.5/25 OR A.5/31 OR A.5/37 OR A.5/41 OR A.5/44 OR A.5/48 OR A.5/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.39: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	Expires	[20] 24.19	o		[20] 24.19	o	
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Organization	[20] 24.25	o		[20] 24.25	o	
14	Require	[20] 24.33	m	m	[20] 24.33	m	m
15	Retry-After	[20] 24.3424.34	o	o	[20] 24.34	o	o
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

[Prerequisite A.4/7 – COMET response](#)

Table A.40: Supported message bodies within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.1.4.6 INFO method

Prerequisite A.4/8 – INFO request

Table A.41: Supported headers within the INFO request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	c1	c1	[23] 7.5.2	c2	c2
6	Authorization	[20] 24.7	c3	c3	[20] 24.7	c3	c3
7	Call-ID	[20] 24.8	m		[20] 24.8	m	
8	Contact	[20] 24.10	o		[20] 24.10	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
11	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
12	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
13	Date	[20] 24.17	c4	c4	[20] 24.17	m	m
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Priority	[20] 24.26	o	o	[20] 24.26	o	o
19	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
20	Proxy-Require	[20] 24.29	o	n/a	[20] 24.29, [28] 3	n/a	n/a
21	Record-Route	[20] 24.31	o		[20] 24.31	o	
22	Referred-By	[25] 3.3	c5	c5	[25] 3.3	c6	c6
23	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
24	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
25	Require	[20] 24.33, [28] 3	o	o	[20] 24.33, [28] 3	m	m
26	Route	[20] 24.35	m	m	[20] 24.35	n/a	n/a
27	State	[28] 5.1	o		[28] 5.1	o	
28	Subject	[20] 24.38	o		[20] 24.38	o	
29	Supported	[20] 24.39, [26] 7.1	c7	c7	[20] 24.39, [26] 5, [28] 3	m	m
30	Timestamp	[20] 24.40	c8	c8	[20] 24.40	m	m
31	To	[20] 24.41	m	m	[20] 24.41	m	m
32	User-Agent	[20] 24.43	o		[20] 24.43	o	
33	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.3/21 THEN o ELSE n/a.					
c2:		IF A.3/21 THEN m ELSE n/a.					
c3:		IF A.3/8 THEN m ELSE n/a.					
c4:		IF A.3/10 THEN o ELSE n/a.					
c5:		IF A.3/15 THEN o ELSE n/a.					
c6:		IF A.3/15 THEN m ELSE n/a.					
c7:		IF A.3/16 THEN m ELSE o -- support of timer extension.					
c8:		IF A.3/7 THEN o ELSE n/a.					

[Prerequisite A.4/8 – INFO request](#)

Table A.42: Supported message bodies within the INFO request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.4/9 – INFO response

Prerequisite: A.5/27 -- "415" Unsupported Media Type @@@ combine

Table A.43: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
7	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	m	m
12	Server	[20] 24.37	o	o	[20] 24.37	o	o
13	State	[28] 5.1	o		[28] 5.1	o	
14	Supported	[20] 24.39	m	m	[20] 24.39	m	m
15	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
16	To	[20] 24.41	m	m	[20] 24.41	m	m
17	User-Agent	[20] 24.43	o		[20] 24.43	o	
18	Via	[20] 24.44	m	m	[20] 24.44	m	m
19	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/9 – INFO response

Prerequisite: A.5/18 -- "405" Method Not Allowed

Table A.44: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
5	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
6	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
7	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
8	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
9	Expires	[20] 24.19	o		[20] 24.19	o	
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	Organization	[20] 24.25	o		[20] 24.25	o	
12	Require	[20] 24.33	m	m	[20] 24.33	m	m
13	Server	[20] 24.37	o	o	[20] 24.37	o	o
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	m	m
16	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	User-Agent	[20] 24.43	o		[20] 24.43	o	
19	Via	[20] 24.44	m	m	[20] 24.44	m	m
20	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/9 – INFO response

Prerequisite: ~~A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 OR~~ A.5/36 -- ~~3xx or~~ 485 "Ambiguous" @@@ combine

Table A.45: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
7	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	m	m
12	Server	[20] 24.37	o	o	[20] 24.37	o	o
13	State	[28] 5.1	o		[28] 5.1	o	
14	Supported	[20] 24.39	m	m	[20] 24.39	m	m
15	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
16	To	[20] 24.41	m	m	[20] 24.41	m	m
17	User-Agent	[20] 24.43	o		[20] 24.43	o	
18	Via	[20] 24.44	m	m	[20] 24.44	m	m
19	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/9 – INFO response

Prerequisite: A.5/14 – 401

Table A.46: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
7	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	m	m
12	Server	[20] 24.37	o	o	[20] 24.37	o	o
13	State	[28] 5.1	o		[28] 5.1	o	
14	Supported	[20] 24.39	m	m	[20] 24.39	m	m
15	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
16	To	[20] 24.41	m	m	[20] 24.41	m	m
17	User-Agent	[20] 24.43	o		[20] 24.43	o	
18	Via	[20] 24.44	m	m	[20] 24.44	m	m
19	Warning	[20] 24.45	o		[20] 24.45	o	
20	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/9 – INFO response

Prerequisite: A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 – 3xx

Table A.47: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
7	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	m	m
12	Server	[20] 24.37	o	o	[20] 24.37	o	o
13	State	[28] 5.1	o		[28] 5.1	o	
14	Supported	[20] 24.39	m	m	[20] 24.39	m	m
15	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
16	To	[20] 24.41	m	m	[20] 24.41	m	m
17	User-Agent	[20] 24.43	o		[20] 24.43	o	
18	Via	[20] 24.44	m	m	[20] 24.44	m	m
19	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/9 – INFO response

Prerequisite: A.5/6 – 2xx

Table A.48: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
5	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
6	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
7	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Record-Route	[20] 24.31	o		[20] 24.31	o	
12	Require	[20] 24.33	m	m	[20] 24.33	m	m
13	Server	[20] 24.37	o	o	[20] 24.37	o	o
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	m	m
16	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	User-Agent	[20] 24.43	o		[20] 24.43	o	
19	Via	[20] 24.44	m	m	[20] 24.44	m	m
20	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/9 - - INFO response

Prerequisite: A.5/35 - - 484

Table A.49: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
7	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	m	m
12	Server	[20] 24.37	o	o	[20] 24.37	o	o
13	State	[28] 5.1	o		[28] 5.1	o	
14	Supported	[20] 24.39	m	m	[20] 24.39	m	m
15	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
16	To	[20] 24.41	m	m	[20] 24.41	m	m
17	User-Agent	[20] 24.43	o		[20] 24.43	o	
18	Via	[20] 24.44	m	m	[20] 24.44	m	m
19	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/9 – INFO response

Prerequisite: A.5/1 – 100 Trying

Table A.50: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 10.8	n/a	n/a	[20] 10.8	m	m
2	Content-Length	[20] 10.14	n/a	n/a	[20] 10.14	m	m
3	Cseq	[20] 24.16	n/a	n/a	[20] 24.16	m	m
4	Date	[20] 10.17	n/a	n/a	[20] 10.17	m	m
5	From	[20] 24.20	n/a	n/a	[20] 24.20	m	m
6	To	[20] 24.41	n/a	n/a	[20] 24.41	m	m
7	Via	[20] 24.44	n/a	n/a	[20] 24.44	m	m

Prerequisite A.4/9 – INFO response

Prerequisite: A.5/28 – 420

Table A.51: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 10.8	m	m	[20] 10.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 10.14	m	m	[20] 10.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 10.17	c1	c1	[20] 10.17	m	m
7	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	m	m
12	Server	[20] 24.37	o	o	[20] 24.37	o	o
13	State	[28] 5.1	o		[28] 5.1	o	
14	Supported	[20] 24.39	m	m	[20] 24.39	m	m
15	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
16	To	[20] 24.41	m	m	[20] 24.41	m	m
17	Unsupported	[20] 24.42	m	m	[20] 24.42	m	m
18	User-Agent	[20] 24.43	o		[20] 24.43	o	
19	Via	[20] 24.44	m	m	[20] 24.44	m	m
20	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/9 – INFO response

Prerequisite: A.5/17 OR A.5/25 OR A.5/31 OR A.5/37 OR A.5/41 OR A.5/44 OR A.5/48 OR A.5/49 – 404, 413, 480, 486, 500, 503, 600, 603

Table A.52: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 10.8	m	m	[20] 10.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 10.14	m	m	[20] 10.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 10.17	c1	c1	[20] 10.17	m	m
7	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	m	m
12	Retry-After	[20] 24.34	o	o	[20] 24.34	o	o
13	Server	[20] 24.37	o	o	[20] 24.37	o	o
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	m	m
16	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	User-Agent	[20] 24.43	o		[20] 24.43	o	
19	Via	[20] 24.44	m	m	[20] 24.44	m	m
20	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

[Prerequisite A.4/9 – INFO response](#)

Table A.53: Supported message bodies within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.1.4.7 INVITE method

Prerequisite A.4/10 – INVITE request

Table A.54: Supported headers within the INVITE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Alert-Info	[20] 24.4	o	o	[20] 24.4	c1	c1
6	Allow	[20] 24.5, [20] 5.1	o		[20] 24.5,[20] 5.1	o	
7	Allow-Events	[23] 7.5.2	c2	c2	[23] 7.5.2	c2	c2
8	Anonymity	[27] 5.2	o		[27] 5.2		
9	Authorization	[20] 24.7	c3	c3	[20] 24.7	c3	c3
10	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
11	Call-Info	[20] 24.9	o		[20] 24.9	o	
12	Contact	[20] 24.10	m		[20] 24.10	m	
13	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
14	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
15	Content-Language	[20] 24.13	o		[20] 24.13	o	
16	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
17	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
18	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
19	Date	[20] 24.17	c4	c4	[20] 24.17	m	m
20	Expires	[20] 24.19	o		[20] 24.19	o	
21	From	[20] 24.20	m	m	[20] 24.20	m	m
22	In-Reply-To	[20] 24.21	o	o	[20] 24.21	o	o
23	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
24	MIME-Version	[20] 24.24	o		[20] 24.24	o	
25	Organization	[20] 24.25	o		[20] 24.25	o	
26	Priority	[20] 24.26	o	o	[20] 24.26	o	o
27	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
28	Proxy-Require	[20] 24.29, [26] 4, [27] 4	c5	c5	[20] 24.29, [26] 4, [27] 4, [28] 3	n/a	n/a
29	Record-Route	[20] 24.31	o		[20] 24.31	o	
30	Referred-By	[25] 3.3	c6	c6	[25] 3.3	c7	c7
31	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
32	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
33	Reply-To	[20] 24.32	o	o	[20] 24.32	o	o
34	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
35	Require	[20] 24.33, [26] 4, [28] 3	c8	o	[20] 24.33, [26] 4, [28] 3	m	m
36	Route	[20] 24.35	m	m	[20] 24.35	n/a	n/a
37	Session expires	[26] 3	o		[26] 3	o	
38	State	[28] 5.1	o		[28] 5.1	o	
39	Subject	[20] 24.38	o		[20] 24.38	o	
40	Supported	[20] 24.39, [26] 7.1, [28] 5	c9	m	[20] 24.39, [26] 7.1, [28] 5	m	m
41	Timestamp	[20] 24.40	c10	c10	[20] 24.40	m	m
42	To	[20] 24.41	m	m	[20] 24.41	m	m
43	User-Agent	[20] 24.43	o		[20] 24.43	o	
44	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/11 THEN m ELSE n/a.						
c2:	IF A.3/21 THEN m ELSE n/a.						
c3:	IF A.3/8 THEN m ELSE n/a.						
c4:	IF A.3/10 THEN o ELSE n/a.						
c5:	IF A.3/18 THEN m ELSE o -- (note).						
c6:	IF A.3/15 THEN o ELSE n/a.						
c7:	IF A.3/15 THEN m ELSE n/a.						
c8:	IF A.3/13 THEN o.1 ELSE o -- Reliable transport.						
c9:	IF A.3/16 OR A.3/19 THEN m ELSE IF A.3/13 THEN o.1 ELSE o -- support of timer or state extension, support of reliable transport.						
c10:	IF A.3/7 THEN o ELSE n/a.						
o.1:	At least one of these shall be supported.						
NOTE:	No distinction has been made in these tables between first use of a request on a From/To/Call-ID combination, and the usage in a subsequent one. Therefore the use of "o" etc. above has been included from a viewpoint of first usage.						

[Prerequisite A.4/10 – INVITE request](#)

Table A.55: Supported message bodies within the INVITE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/27 -- "415" Unsupported Media Type

Table A.56: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Anonymity	[27] 5.2	o		[27] 5.2		
5	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
6	Call-Info	[20] 24.9	o		[20] 24.9	o	
7	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
8	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
9	Content-Language	[20] 24.13	o		[20] 24.13	o	
10	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
11	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
12	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
13	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
14	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
15	Expires	[20] 24.19	o		[20] 24.19	o	
16	From	[20] 24.20	m	m	[20] 24.20	m	m
17	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
18	MIME-Version	[20] 24.24	o		[20] 24.24	o	
19	Organization	[20] 24.25	o		[20] 24.25	o	
20	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
21	Require	[20] 24.33	m	m	[26] 5.2	m	m
22	Server	[20] 24.37	o	o	[20] 24.37	o	o
23	Session expires	[26] 3	o		[26] 3	o	
24	State	[28] 5.1	o		[28] 5.1	o	
25	Supported	[20] 24.39	m	m	[20] 24.39	m	m
26	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
27	To	[20] 24.41	m	m	[20] 24.41	m	m
28	User-Agent	[20] 24.43	o		[20] 24.43	o	
29	Via	[20] 24.44	m	m	[20] 24.44	m	m
30	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/18 -- "405" Method Not Allowed

Table A.57: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	m		[20] 24.5	m/o	
3	Anonymity	[27] 5.2	o		[27] 5.2	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
13	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Organization	[20] 24.25	o		[20] 24.25	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	m	m
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 OR A.5/35 – 3xx or 485 "Ambiguous"

Table A.58: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Contact	[20] 24.10	o		[20] 24.10	o/m	
6	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
13	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Organization	[20] 24.25	o		[20] 24.25	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	m	m
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/14 – 401

Table A.59: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
19	Record-Route	[20] 24.31	o		[20] 24.31	o	
20	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
21	Require	[20] 24.33	m	m	[20] 24.33	m	m
22	Server	[20] 24.37	o	o	[20] 24.37	o	o
23	Session expires	[26] 3	o		[26] 3	o	
24	State	[28] 5.1	o		[28] 5.1	o	
25	Supported	[20] 24.39	m	m	[20] 24.39	m	m
26	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
27	To	[20] 24.41	m	m	[20] 24.41	m	m
28	User-Agent	[20] 24.43	o		[20] 24.43	o	
29	Via	[20] 24.44	m	m	[20] 24.44	m	m
30	Warning	[20] 24.45	o		[20] 24.45	o	
31	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/20 – 407

Table A.60: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	m	m
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/6 – 2xx

Table A.61: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	o		[20] 24.5	o	
3	Anonymity	[27] 5.2	o		[27] 5.2		
4	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
5	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
6	Call-Info	[20] 24.9	o		[20] 24.9	o	
7	Contact	[20] 24.10	m		[20] 24.10	m	
8	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Language	[20] 24.13	o		[20] 24.13	o	
11	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
12	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
13	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
14	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
15	Expires	[20] 24.19	o		[20] 24.19	o	
16	From	[20] 24.20	m	m	[20] 24.20	m	m
17	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
18	MIME-Version	[20] 24.24	o		[20] 24.24	o	
19	Organization	[20] 24.25	o		[20] 24.25	o	
20	Record-Route	[20] 24.31	o		[20] 24.31	o	
21	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
22	Require	[20] 24.33	m	m	[20] 24.33	m	m
23	Server	[20] 24.37	o	o	[20] 24.37	o	o
24	Session expires	[26] 3	o		[26] 3	o	
25	State	[28] 5.1	o		[28] 5.1	o	
26	Supported	[20] 24.39	m	m	[20] 24.39	m	m
27	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
28	To	[20] 24.41	m	m	[20] 24.41	m	m
29	User-Agent	[20] 24.43	o		[20] 24.43	o	
30	Via	[20] 24.44	m	m	[20] 24.44	m	m
31	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/35 – 484

Table A.62: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Record-Route	[20] 24.31	o		[20] 24.31	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	m	m
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/11 – BYE response

Prerequisite: A.5/1 – 100 Trying

Table A.63: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	n/a	n/a	[20] 24.8	m	m
2	Content-Length	[20] 24.14	n/a	n/a	[20] 24.14	m	m
3	Cseq	[20] 24.16	n/a	n/a	[20] 24.16	m	m
4	Date	[20] 24.17	n/a	n/a	[20] 24.17	m	m
5	From	[20] 24.20	n/a	n/a	[20] 24.20	m	m
6	To	[20] 24.41	n/a	n/a	[20] 24.41	m	m
7	Via	[20] 24.44	n/a	n/a	[20] 24.44	m	m

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/2 OR A.5/3 OR A.5/4 OR A.5/5 – 1xx

Table A.64: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Contact	[20] 24.10	o		[20] 24.10	o/m	
6	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	m	m
20	Rseq	[21] 7.1	c2	m	[21] 7.1	c3	m
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c4	c4
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/13 THEN o ELSE n/a - - reliability of provisional responses.						
c3:	IF A.3/13 THEN m ELSE n/a - - reliability of provisional responses.						
c4:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/28 – 420

Table A.65: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	m	m
20	Server	[20] 24.37	o	o	[20] 24.37	o	o
21	Session expires	[26] 3	o		[26] 3	o	
22	State	[28] 5.1	o		[28] 5.1	o	
23	Supported	[20] 24.39	m	m	[20] 24.39	m	m
24	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
25	To	[20] 24.41	m	m	[20] 24.41	m	m
26	Unsupported	[20] 24.42	m	m	[20] 24.42	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/17 OR A.5/25 OR A.5/31 OR A.5/37 OR A.5/48 OR A.5/49 - - 404, 413, 480, 486, 600, 603

Table A.66: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	m	m
20	Retry-After	[20] 24.34	o	o	[20] 24.34	o	o
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/41 - - 500

Table A.67: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	m	m
20	Retry-After	[20] 24.34	m	m	[20] 24.34	o	o
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/11 – INVITE response

Prerequisite: A.5/44 - - 503

Table A.68: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	m	m
20	Retry-After	[20] 24.34	o	o	[20] 24.34	o	m
21	Server	[20] 24.37	o	o	[20] 24.37	o	o
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	m	m
25	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

[Prerequisite A.4/11 – INVITE response](#)

Table A.69: Supported message bodies within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.1.4.8 NOTIFY method

Prerequisite A.4/12 - - NOTIFY request

Table A.70: Supported headers within the NOTIFY request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	c1	c1	[23] 7.5.2	c2	c2
6	Authorization	[20] 24.7	c3	c3	[20] 24.7	c3	c3
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Language	[20] 24.13	o		[20] 24.13	o	
11	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
12	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
13	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
14	Date	[20] 24.17	c4	c4	[20] 24.17	m	m
15	Event	[23] 7.5.1	m	m	[23] 7.5.1	m	m
16	From	[20] 24.20	m	m	[20] 24.20	m	m
17	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
18	MIME-Version	[20] 24.24	o		[20] 24.24	o	
19	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
20	Proxy-Require	[20] 24.29	o	n/a	[20] 24.29, [28] 3	n/a	n/a
21	Record-Route	[20] 24.31	o		[20] 24.31	o	
22	Referred-By	[20] 3.3	c5	c5	[20] 3.3	c6	c6
23	Reject-Contact	[20] 5.3	o		[20] 5.3	o	
24	Request-Disposition	[20] 5.5	o		[20] 5.5	o	
25	Require	[20] 24.33, [28] 3	o	o	[20] 24.33, [28] 3	m	m
26	Route	[20] 24.35	m	m	[20] 24.35	n/a	n/a
27	State	[28] 5.1	o		[28] 5.1	o	
28	Subscription-State	[23] 7.5.3	m	m	[23] 7.5.3	m	m
29	Supported	[20] 24.39, [26] 7.1	c7	c7	[20] 24.39, [26] 7.1	m	m
30	Timestamp	[20] 24.40	c8	c8	[20] 24.40	m	m
31	To	[20] 24.41	m	m	[20] 24.41	m	m
32	User-Agent	[20] 24.43	o		[20] 24.43	o	
33	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.3/21 THEN o ELSE n/a.					
c2:		IF A.3/21 THEN m ELSE n/a.					
c3:		IF A.3/8 THEN m ELSE n/a.					
c4:		IF A.3/10 THEN o ELSE n/a.					
c5:		IF A.3/15 THEN o ELSE n/a.					
c6:		IF A.3/15 THEN m ELSE n/a.					
c7:		IF A.3/16 THEN m ELSE o -- support of timer extension.					
c8:		IF A.3/7 THEN o ELSE n/a.					

[Prerequisite A.4/12 - - NOTIFY request](#)

Table A.71: Supported message bodies within the NOTIFY request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.4/13 - - NOTIFY response

Prerequisite A.5/27 -- "415" Unsupported Media Type

Table A.72: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39[24.39]	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/13 - - NOTIFY response

Prerequisite: A.5/18 -- "405" Method Not Allowed

Table A.73: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/13 - - NOTIFY response

Prerequisite: A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 OR A.5/36 - - 3xx or 485 "Ambiguous"

Table A.74: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	ContentDisposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/13 - - NOTIFY response

Prerequisite: A.5/14 - - 401

Table A.75: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Record-Route	[20] 24.31	o		[20] 24.31	o	
14	Require	[20] 24.33	m	m	[20] 24.33	m	m
15	Server	[20] 24.37	o	o	[20] 24.37	o	o
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	m	m
18	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	User-Agent	[20] 24.43	o		[20] 24.43	o	
21	Via	[20] 24.44	m	m	[20] 24.44	m	m
22	Warning	[20] 24.45	o		[20] 24.45	o	
23	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/13 - - NOTIFY response

Prerequisite: A.5/20 - - 407

Table A.76: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/13 - - NOTIFY response

Prerequisite: A.5/6 and A.5/7 - - 2xx

Table A.77: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Record-Route	[20] 24.31	o		[20] 24.31	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN o ELSE n/a.						

Prerequisite A.4/13 - - NOTIFY response

Prerequisite: A.5/35 - - 484

Table A.78: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Record-Route	[20] 24.31	o		[20] 24.31	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN o ELSE n/a.						

Prerequisite A.4/13 - - NOTIFY response

Prerequisite: A.5/28 - - 420

Table A.79: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	m	m
13	Server	[20] 24.37	o	o	[20] 24.37	o	o
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	m	m
16	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	Unsupported	[20] 24.42	m	m	[20] 24.42	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/13 - - NOTIFY response

Prerequisite: A.5/17 OR A.5/25 OR A.5/31 OR A.5/37 OR A.5/41 OR A.5/44 OR A.5/48 OR A.5/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.80: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	m	m
13	Retry-After	[20] 24.34	o	o	[20] 24.34	o	o
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/13 - - NOTIFY response

Prerequisite: A.5/40 - - 489

Table A.81: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	m	m
2	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Require	[20] 24.33	m	m	[20] 24.33	m	m
15	Server	[20] 24.37	o	o	[20] 24.37	o	o
16	State	[28] 5.1	o		[28] 5.1	o	
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN o ELSE n/a.					

[Prerequisite A.4/13 - - NOTIFY response](#)

Table A.82: Supported message bodies within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.1.4.9 OPTIONS method

Prerequisite A.4/14 – OPTIONS request

Table A.83: Supported headers within the OPTIONS request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	c1	c1	[23] 7.5.2	c1	c1
6	Authorization	[20] 24.7	c2	c2	[20] 24.7	c2	c2
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Call-Info	[20] 24.9	o		[20] 24.9	o	
9	Contact	[20] 24.10	m		[20] 24.10	m	
10	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
11	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
12	Content-Language	[20] 24.13	o		[20] 24.13	o	
13	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
14	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
15	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
16	Date	[20] 24.17	c3	c3	[20] 24.17	m	m
17	From	[20] 24.20	m	m	[20] 24.20	m	m
18	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
19	MIME-Version	[20] 24.24	o		[20] 24.24	o	
20	Organization	[20] 24.25	o		[20] 24.25	o	
21	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
22	Proxy-Require	[20] 24.29	o	o (note)	[20] 24.29, [28] 3	n/a	n/a
23	Record-Route	[20] 24.31	o		[20] 24.31	o	
24	Referred-By	[25] 3.3	c4	c4	[25] 3.3	c5	c5
25	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
26	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
27	Require	[20] 24.33, [28] 3	o	o	[20] 24.33, [28] 3	m	m
28	Route	[20] 24.35	m	m	[20] 24.35	n/a	n/a
29	State	[28] 5.1	o		[28] 5.1	o	
30	Supported	[20] 24.39, [26] 7.1	c6	c6	[20] 24.39, [26] 5, [28] 3	m	m
31	Timestamp	[20] 24.40	c7	c7	[20] 24.40	m	m
32	To	[20] 24.41	m	m	[20] 24.41	m	m
33	User-Agent	[20] 24.43	o		[20] 24.43	o	
34	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/21 THEN m ELSE n/a.						
c2:	IF A.3/8 THEN m ELSE n/a.						
c3:	IF A.3/10 THEN o ELSE n/a.						
c4:	IF A.3/15 THEN o ELSE n/a.						
c5:	IF A.3/15 THEN m ELSE n/a.						
c6:	IF A.3/16 THEN m ELSE o -- support of timer extension.						
c7:	IF A.3/7 THEN o ELSE n/a.						
NOTE:	No distinction has been made in these tables between first use of a request on a From/To/Call-ID combination, and the usage in a subsequent one. Therefore the use of "o" etc. above has been included from a viewpoint of first usage.						

[Prerequisite A.4/14 – OPTIONS request](#)

Table A.84: Supported message bodies within the OPTIONS request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.4/15 – OPTIONS response

Prerequisite: A.5/27 -- "415" Unsupported Media Type

Table A.85: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
13	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	Require	[20] 24.33	m	m	[20] 24.33	m	m
18	Server	[20] 24.37	o	o	[20] 24.37	o	o
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	m	m
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF 0.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/15 – OPTIONS response

Prerequisite: A.5/18 -- "405" Method Not Allowed

Table A.86: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	m	m	[20] 24.5	m	m
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	Require	[20] 24.33	m	m	[20] 24.33	m	m
17	Server	[20] 24.37	o	o	[20] 24.37	o	o
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	m	m
20	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/15 – OPTIONS response

Prerequisite: A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 OR A.5/36 – 3xx or 485 "Ambiguous"

Table A.87: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Contact	[20] 24.10	o		[20] 24.10	o	
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	Require	[20] 24.33	m	m	[20] 24.33	m	m
17	Server	[20] 24.37	o	o	[20] 24.37	o	o
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	m	m
20	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/15 – OPTIONS response

Prerequisite: A.5/14 – 401

Table A.88: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
16	Require	[20] 24.33	m	m	[20] 24.33	m	m
17	Server	[20] 24.37	o	o	[20] 24.37	o	o
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	m	m
20	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
25	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/15 – OPTIONS response

Prerequisite: A.5/20 – 407

Table A.89: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
16	Require	[20] 24.33	m	m	[20] 24.33	m	m
17	Server	[20] 24.37	o	o	[20] 24.37	o	o
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	m	m
20	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/15 – OPTIONS response

Prerequisite: A.5/6 – 2xx

Table A.90: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	o		[20] 24.5	o/m	
3	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Contact	[20] 24.10	o		[20] 24.10	o	
7	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
8	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
9	Content-Language	[20] 24.13	o		[20] 24.13	o	
10	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
11	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
12	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
13	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	Record-Route	[20] 24.31	o		[20] 24.31	o	
18	Require	[20] 24.33	m	m	[20] 24.33	m	m
19	Server	[20] 24.37	o	o	[20] 24.37	o	o
20	State	[28] 5.1	o		[28] 5.1	o	
21	Supported	[20] 24.39	m	m	[20] 24.39	m	m
22	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
23	To	[20] 24.41	m	m	[20] 24.41	m	m
24	User-Agent	[20] 24.43	o		[20] 24.43	o	
25	Via	[20] 24.44	m	m	[20] 24.44	m	m
26	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/15 – OPTIONS response

Prerequisite: A.5/35 – 484

Table A.91: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Contact	[20] 24.10	o		[20] 24.10	o	
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	Record-Route	[20] 24.31	o		[20] 24.31	o	
17	Require	[20] 24.33	m	m	[20] 24.33	m	m
18	Server	[20] 24.37	o	o	[20] 24.37	o	o
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	m	m
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/15 – OPTIONS response

Prerequisite: A.5/1 – 100 Trying

Table A.92: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	n/a	n/a	[20] 24.8	m	m
2	Content-Length	[20] 24.14	n/a	n/a	[20] 24.14	m	m
3	Cseq	[20] 24.16	n/a	n/a	[20] 24.16	m	m
4	Date	[20] 24.17	n/a	n/a	[20] 24.17	m	m
5	From	[20] 24.20	n/a	n/a	[20] 24.20	m	m
6	To	[20] 24.41	n/a	n/a	[20] 24.41	m	m
7	Via	[20] 24.44	n/a	n/a	[20] 24.44	m	m
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/15 – OPTIONS response

Prerequisite: A.5/28 – 420

Table A.93: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	Unsupported	[20] 24.42	m	m	[20] 24.42	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/15 - - OPTIONS response

Prerequisite: A.5/17 OR A.5/25 OR A.5/31 OR A.5/37 OR A.5/41 OR A.5/44 OR A.5/48 OR A.5/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.94: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Retry-After	[20] 24.34	o	o	[20] 24.34	o	o
17	Server	[20] 24.37	o	o	[20] 24.37	o	o
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	m	m
20	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

[Prerequisite A.4/15 - - OPTIONS response](#)

Table A.95: Supported message bodies within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.1.3.10 PRACK method

Prerequisite A.4/16 – PRACK request

Table A.96: Supported headers within the PRACK request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	c1	c1	[23] 7.5.2	c2	c2
6	Authorization	[20] 24.7	c3	c3	[20] 24.7	c3	c3
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Language	[20] 24.13	o		[20] 24.13	o	
11	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
12	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
13	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
14	Date	[20] 24.17	c4	c4	[20] 24.17	m	m
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
19	Proxy-Require	[20] 24.29	o	n/a	[20] 24.29, [28] 3	n/a	n/a
20	RAck	[21] 7.2	m	m	[21] 7.2	m	m
21	Record-Route	[20] 24.31	o		[20] 24.31	o	
22	Referred-By	[25] 3.3	c5	c5	[25] 3.3	c6	c6
23	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
24	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
25	Require	[20] 24.33, [28] 3	o	o	[20] 24.33, [28] 3	m	m
26	Route	[20] 24.35	m	m	[20] 24.35	n/a	n/a
27	State	[28] 5.1	o		[28] 5.1	o	
28	Supported	[20] 24.39, [26] 7.1	c7	c7	[20] 24.39, [26] 7.1	m	m
29	Timestamp	[20] 24.40	c8	c8	[20] 24.40	m	m
30	To	[20] 24.41	m	m	[20] 24.41	m	m
31	User-Agent	[20] 24.43	o		[20] 24.43	o	
32	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.3/21 THEN o ELSE n/a.					
c2:		IF A.3/21 THEN m ELSE n/a.					
c3:		IF A.3/8 THEN m ELSE n/a.					
c4:		IF A.3/10 THEN o ELSE n/a.					
c5:		IF A.3/15 THEN o ELSE n/a.					
c6:		IF A.3/15 THEN m ELSE n/a.					
c7:		IF A.3/16 THEN m ELSE o -- support of timer extension.					
c8:		IF A.3/7 THEN o ELSE n/a.					

[Prerequisite A.4/16 – PRACK request](#)

Table A.97: Supported message bodies within the PRACK request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.4/17 – PRACK response

Prerequisite: A.5/27 -- "415" Unsupported Media Type

Table A.98: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/17 – PRACK response

Prerequisite: A.5/18 -- "405" Method Not Allowed

Table A.99: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/17 - - PRACK response

Prerequisite: A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 OR A.5/36 - - 3xx or 485 "Ambiguous"

Table A.100: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/17 - - PRACK response

Prerequisite: A.5/14 - - 401

Table A.101: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Record-Route	[20] 24.31	o		[20] 24.31	o	
14	Require	[20] 24.33	m	m	[20] 24.33	m	m
15	Server	[20] 24.37	o	o	[20] 24.37	o	o
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	m	m
18	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	User-Agent	[20] 24.43	o		[20] 24.43	o	
21	Via	[20] 24.44	m	m	[20] 24.44	m	m
22	Warning	[20] 24.45	o		[20] 24.45	o	
23	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/17 - - PRACK response

Prerequisite: A.5/20 - - 407

Table A.102: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/17 – PRACK response

Prerequisite: A.5/6 – 2xx

Table A.103: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	MIME-Version	[20] 24.24	o		[20] 24.24	o	
11	Record-Route	[20] 24.31	o		[20] 24.31	o	
12	Require	[20] 24.33	m	m	[20] 24.33	m	m
13	Server	[20] 24.37	o	o	[20] 24.37	o	o
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	m	m
16	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	User-Agent	[20] 24.43	o		[20] 24.43	o	
19	Via	[20] 24.44	m	m	[20] 24.44	m	m
20	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/17 – PRACK response

Prerequisite: A.5/35 – 484

Table A.104: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Record-Route	[20] 24.31	o		[20] 24.31	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/17 - PRACK response

Prerequisite: A.5/1 – 100 Trying

Table A.105: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	n/a	n/a	[20] 24.8	m	m
2	Content-Length	[20] 24.14	n/a	n/a	[20] 24.14	m	m
3	Cseq	[20] 24.16	n/a	n/a	[20] 24.16	m	m
4	Date	[20] 24.17	n/a	n/a	[20] 24.17	m	m
5	From	[20] 24.20	n/a	n/a	[20] 24.20	m	m
6	To	[20] 24.41	n/a	n/a	[20] 24.41	m	m
7	Via	[20] 24.44	n/a	n/a	[20] 24.44	m	m

Prerequisite A.4/17 - PRACK response

Prerequisite: A.5/28 - 420@@@combine

Table A.106: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	m	m
13	Server	[20] 24.37	o	o	[20] 24.37	o	o
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	m	m
16	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	User-Agent	[20] 24.43	o		[20] 24.43	o	
19	Via	[20] 24.44	m	m	[20] 24.44	m	m
20	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/17 – PRACK response

Prerequisite: A.5/17 OR A.5/25 OR A.5/31 OR A.5/37 OR A.5/41 OR A.5/44 OR A.5/48 OR A.5/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.107: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	m	m
13	Retry-After	[20] 24.34	o	o	[20] 24.34	o	o
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

[Prerequisite A.4/17 – PRACK response](#)

Table A.108: Supported message bodies within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.1.4.11 REFER method

Prerequisite A.4/18 – REFER request

Table A.109: Supported headers within the REFER request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
2	Accept-Language	[20] 24.3	o		[20] 24.3	o	
3	Allow-Events	[23] 7.5.2	c1	c1	[23] 7.5.2	c2	c2
4	Authorization	[20] 24.7	c3	c3	[20] 24.7	c3	c3
5	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
6	Contact	[20] 24.10	o		[20] 24.10	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c4	c4	[20] 24.17	m	m
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
17	Proxy-Require	[20] 24.29	o	n/a	[20] 24.29, [28] 3	n/a	n/a
18	Record-Route	[20] 24.31	o		[20] 24.31	o	
19	Refer-To	[25] 3.3	m	m	[25] 3.3	m	m
20	Referred-By	[25] 3.3	m	m	[25] 3.3	m	m
21	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
22	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
23	Require	[20] 24.33, [28] 3	o	o	[20] 24.33, [28] 3	m	m
24	Route	[20] 24.35	m	m	[20] 24.35	n/a	n/a
25	State	[28] 5.1	o		[28] 5.1	o	
26	Supported	[20] 24.39, [20] 7.1	c5	c5	[20] 24.39, [20] 7.1	m	m
27	Timestamp	[20] 24.40	c6	c6	[20] 24.40	m	m
28	To	[20] 24.41	m	m	[20] 24.41	m	m
29	User-Agent	[20] 24.43	o		[20] 24.43	o	
30	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.3/21 THEN o ELSE n/a.					
c2:		IF A.3/21 THEN m ELSE n/a.					
c3:		IF A.3/8 THEN m ELSE n/a.					
c4:		IF A.3/10 THEN o ELSE n/a.					
c5:		IF A.3/16 THEN m ELSE o -- support of timer extension.					
c6:		IF A.3/7 THEN o ELSE n/a.					

[Prerequisite A.4/18 – REFER request](#)

Table A.110: Supported message bodies within the REFER request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.4/19 – REFER response

Prerequisite: A.5/27 -- "415" Unsupported Media Type

Table A.111: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	Require	[20] 24.33	m	m	[20] 24.33	m	m
17	Server	[20] 24.37	o	o	[20] 24.37	o	o
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	m	m
20	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/19 – REFER response

Prerequisite: A.5/18 -- "405" Method Not Allowed

Table A.112: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	m	m	[20] 24.5	m	m
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Expires	[20] 24.19	o		[20] 24.19	o	
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Organization	[20] 24.25	o		[20] 24.25	o	
14	Require	[20] 24.33	m	m	[20] 24.33	m	m
15	Server	[20] 24.37	o	o	[20] 24.37	o	o
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	m	m
18	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	User-Agent	[20] 24.43	o		[20] 24.43	o	
21	Via	[20] 24.44	m	m	[20] 24.44	m	m
22	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/19 - - REFER response

Prerequisite: A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 OR A.5/36 - - 3xx or 485 "Ambiguous"@@@combine

Table A.113: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Contact	[20] 24.10	o		[20] 24.10	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/19 – REFER response

Prerequisite: A.5/8 OR A.5/9 OR A.5/10 OR A.5/11OR A.5/12 – 401

Table A.114: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	Expires	[20] 24.19	o		[20] 24.19	o	
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Organization	[20] 24.25	o		[20] 24.25	o	
14	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
24	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/19 – REFER response

Prerequisite: A.5/20 – 407

Table A.115: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	Expires	[20] 24.19	o		[20] 24.19	o	
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Organization	[20] 24.25	o		[20] 24.25	o	
14	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/19 – REFER response

Prerequisite: A.5/7 - - 202

Table A.116: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Contact	[20] 24.10	o		[20] 24.10	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Record-Route	[20] 24.31	o		[20] 24.31	o	
16	Require	[20] 24.33	m	m	[20] 24.33	m	m
17	Server	[20] 24.37	o	o	[20] 24.37	o	o
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	m	m
20	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/19 – REFER response

Prerequisite: A.5/35 – 484@@@combine

Table A.117: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Contact	[20] 24.10	o		[20] 24.10	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/19 – REFER response

Prerequisite: A.5/1 – 100 Trying

Table A.118: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	n/a	n/a	[20] 24.8	m	m
2	Content-Length	[20] 24.14	n/a	n/a	[20] 24.14	m	m
3	Cseq	[20] 24.16	n/a	n/a	[20] 24.16	m	m
4	Date	[20] 24.17	n/a	n/a	[20] 24.17	m	m
5	From	[20] 24.20	n/a	n/a	[20] 24.20	m	m
6	To	[20] 24.41	n/a	n/a	[20] 24.41	m	m
7	Via	[20] 24.44	n/a	n/a	[20] 24.44	m	m

Prerequisite A.4/19 – REFER response

Prerequisite: A.5/28 – 420

Table A.119: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Contact	[20] 24.10	o		[20] 24.10	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	Unsupported	[20] 24.42	m	m	[20] 24.42	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/19 - - REFER response

Prerequisite: A.5/17 OR A.5/25 OR A.5/31 OR A.5/37 OR A.5/41 OR A.5/44 OR A.5/48 OR A.5/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.120: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Contact	[20] 24.10	o		[20] 24.10	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Retry-After	[20] 24.34	o	o	[20] 24.34	o	o
17	Server	[20] 24.37	o	o	[20] 24.37	o	o
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	m	m
20	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

[Prerequisite A.4/19 - - REFER response](#)

Table A.121: Supported message bodies within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.1.4.12 REGISTER method

Prerequisite A.4/20 - - REGISTER request

Table A.122: Supported headers within the REGISTER request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Allow-Events	[23] 7.5.2	c1	c1	[23] 7.5.2	c1	c1
5	Authorization	[20] 24.7	c2	n/a	[20] 24.7	c2	n/a
6	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
7	Call-Info	[20] 24.9	o		[20] 24.9	o	
8	Contact	[20] 24.10	m		[20] 24.10	m	
9	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
10	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
11	Content-Language	[20] 24.13	o		[20] 24.13	o	
12	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
13	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
14	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
15	Date	[20] 24.17	c3	c3	[20] 24.17	m	m
16	Expires	[20] 24.19	o		[20] 24.19	o	
17	From	[20] 24.20	m	m	[20] 24.20	m	m
18	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
19	MIME-Version	[20] 24.24	o		[20] 24.24	o	
20	Organization	[20] 24.25	o		[20] 24.25	o	
21	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
22	Proxy-Require	[20] 24.29	o	o (note)	[20] 24.29, [28] 3	n/a	n/a
23	Record-Route	[20] 24.31	o		[20] 24.31	o	
24	Referred-By	[25] 3.3	c4	c4	[25] 3.3	c5	c5
25	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
26	Require	[20] 24.33, [28] 3	o	o	[20] 24.33, [28] 3	m	m
27	Route	[20] 24.35	o	n/a	[20] 24.35	n/a	n/a
28	State	[28] 5.1	o		[28] 5.1	o	
29	Supported	[20] 24.39, [26] 7.1	c6	c6	[20] 24.39, [26] 7.1	m	m
30	Timestamp	[20] 24.40	m	m	[20] 24.40	c7	c7
31	To	[20] 24.41	m	m	[20] 24.41	m	m
32	User-Agent	[20] 24.43	o		[20] 24.43	o	
33	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.3/21 THEN m ELSE n/a.					
c2:		IF A.3/9 THEN m ELSE n/a.					
c3:		IF A.3/10 THEN o ELSE n/a.					
c4:		IF A.3/15 THEN o ELSE n/a.					
c5:		IF A.3/15 THEN m ELSE n/a.					
c6:		IF A.3/16 THEN m ELSE o -- support of timer extension.					
c7:		IF A.3/7 THEN m ELSE n/a.					
NOTE:	No distinction has been made in these tables between first use of a request on a From/To/Call-ID combination, and the usage in a subsequent one. Therefore the use of "o" etc. above has been included from a viewpoint of first usage..						

[Prerequisite A.4/20 - - REGISTER request](#)

Table A.123: Supported message bodies within the REGISTER request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.4/21 – REGISTER response

Prerequisite: A.5/27 -- "415" Unsupported Media Type

Table A.124: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
13	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
14	Expires	[20] 24.19	o	o	[20] 24.19	o	o
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Require	[20] 24.33	m	m	[20] 24.33	m	m
19	Server	[20] 24.37	o	o	[20] 24.37	o	o
20	State	[28] 5.1	o		[28] 5.1	o	
21	Supported	[20] 24.39	m	m	[20] 24.39	m	m
22	Timestamp	[20] 24.40	c2	c2	[20] 24.40	m	m
23	To	[20] 24.41	m	m	[20] 24.41	m	m
24	User-Agent	[20] 24.43	o		[20] 24.43	o	
25	Via	[20] 24.44	m	m	[20] 24.44	m	m
26	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN o ELSE n/a.						

Prerequisite A.4/21 – REGISTER response

Prerequisite: A.5/18 -- "405" Method Not Allowed

Table A.125: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	m		[20] 24.5	m	
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Require	[20] 24.33	m	m	[20] 24.33	m	m
18	Server	[20] 24.37	o	o	[20] 24.37	o	o
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	m	m
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/21 - - REGISTER response

Prerequisite: A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 OR A.5/36 - - 3xx or 485 "Ambiguous"

Table A.126: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Contact	[20] 24.10	o		[20] 24.10	o	
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Require	[20] 24.33	m	m	[20] 24.33	m	m
18	Server	[20] 24.37	o	o	[20] 24.37	o	o
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	m	m
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/21 – REGISTER response

Prerequisite: A.5/14 – 401

Table A.127: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Record-Route	[20] 24.31	o		[20] 24.31	o	
17	Require	[20] 24.33	m	m	[20] 24.33	m	m
18	Server	[20] 24.37	o	o	[20] 24.37	o	o
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	m	m
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
26	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/21 – REGISTER response

Prerequisite: A.5/20 – 407

Table A.128: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
17	Require	[20] 24.33	m	m	[20] 24.33	m	m
18	Server	[20] 24.37	o	o	[20] 24.37	o	o
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	m	m
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/21 – REGISTER response

Prerequisite: A.5/6 – 2xx

Table A.129: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	o		[20] 24.5	o	
3	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Contact	[20] 24.10	o		[20] 24.10	o	
7	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
8	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
9	Content-Language	[20] 24.13	o		[20] 24.13	o	
10	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
11	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
12	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
13	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Record-Route	[20] 24.31	o		[20] 24.31	o	
19	Require	[20] 24.33	m	m	[20] 24.33	m	m
20	Server	[20] 24.37	o	o	[20] 24.37	o	o
21	State	[28] 5.1	o		[28] 5.1	o	
22	Supported	[20] 24.39	m	m	[20] 24.39	m	m
23	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
24	To	[20] 24.41	m	m	[20] 24.41	m	m
25	User-Agent	[20] 24.43	o		[20] 24.43	o	
26	Via	[20] 24.44	m	m	[20] 24.44	m	m
27	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

Prerequisite A.4/21 - - REGISTER response

Prerequisite: A.5/35 - - 484

Table A.130: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1			[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Record-Route	[20] 24.31	o		[20] 24.31	o	
17	Require	[20] 24.33	m	m	[20] 24.33	m	m
18	Server	[20] 24.37	o	o	[20] 24.37	o	o
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	m	m
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/21 - - REGISTER response

Prerequisite: A.5/1 - - 100 Trying

Table A.131: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	n/a	n/a	[20] 24.8	m	m
2	Content-Length	[20] 24.14	n/a	n/a	[20] 24.14	m	m
3	Cseq	[20] 24.16	n/a	n/a	[20] 24.16	m	m
4	Date	[20] 24.17	n/a	n/a	[20] 24.17	m	m
5	From	[20] 24.20	n/a	n/a	[20] 24.20	m	m
6	To	[20] 24.41	n/a	n/a	[20] 24.41	m	m
7	Via	[20] 24.44	n/a	n/a	[20] 24.44	m	m

Prerequisite A.4/21 - - REGISTER response

Prerequisite: A.5/28 - - 420

Table A.132: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Require	[20] 24.33	m	m	[20] 24.33	m	m
17	Server	[20] 24.37	o	o	[20] 24.37	o	o
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	m	m
20	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	Unsupported	[20] 24.42	m	m	[20] 24.42	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/21 - - REGISTER response

Prerequisite: A.5/17 OR A.5/25 OR A.5/31 OR A.5/37 OR A.5/41 OR A.5/44 OR A.5/48 OR A.5/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.133: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Require	[20] 24.33	m	m	[20] 24.33	m	m
17	Retry-After	[20] 24.34	o	o	[20] 24.34	o	o
18	Server	[20] 24.37	o	o	[20] 24.37	o	o
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	m	m
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/21 - - REGISTER response

Prerequisite: A.5/30 - - 423

Table A.120a: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o		[20] 24.18	o	
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Min-Expires	[20] 24.23	m	m	[20] 24.23	m	m
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	Require	[20] 24.33	m	m	[20] 24.33	m	m
18	Server	[20] 24.37	o		[20] 24.37	o	
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	m	m
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

[Prerequisite A.4/21 - - REGISTER response](#)

Table A.134: Supported message bodies within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.1.4.13 SUBSCRIBE method

Prerequisite A.4/22 - - SUBSCRIBE request

Table A.135: Supported headers within the SUBSCRIBE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	c1	c1	[23] 7.5.2	c2	c2
6	Authorization	[20] 24.7	c3	c3	[20] 24.7	c3	c3
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Language	[20] 24.13	o		[20] 24.13	o	
11	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
12	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
13	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
14	Date	[20] 24.17	c4	c4	[20] 24.17	m	m
15	Event	[23] 7.5.1	m	m	[23] 7.5.1	m	m
16	Expires	[20] 24.19	m	m	[20] 24.19	m	m
17	From	[20] 24.20	m	m	[20] 24.20	m	m
18	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
19	MIME-Version	[20] 24.24	o		[20] 24.24	o	
20	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
21	Proxy-Require	[20] 24.29	o	n/a	[20] 24.29, [28] 3	n/a	n/a
22	Record-Route	[20] 24.31	o		[20] 24.31	o	
23	Referred-By	[25] 3.3	c5	c5	[25] 3.3	c6	c6
24	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
25	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
26	Require	[20] 24.33, [28] 3	o	o	[20] 24.33, [28] 3	m	m
27	Route	[20] 24.35	m	m	[20] 24.35	n/a	n/a
28	State	[28] 5.1	o		[28] 5.1	o	
29	Supported	[20] 24.39, [26] 7.1	c7	c7	[20] 24.39, [26] 7.1	m	m
30	Timestamp	[20] 24.40	c8	c8	[20] 24.40	m	m
31	To	[20] 24.41	m	m	[20] 24.41	m	m
32	User-Agent	[20] 24.43	o		[20] 24.43	o	
33	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.3/21 THEN o ELSE n/a.					
c2:		IF A.3/21 THEN m ELSE n/a.					
c3:		IF A.3/8 THEN m ELSE n/a.					
c4:		IF A.3/10 THEN o ELSE n/a.					
c5:		IF A.3/15 THEN o ELSE n/a.					
c6:		IF A.3/15 THEN m ELSE n/a.					
c7:		IF A.3/16 THEN m ELSE o -- support of timer extension.					
c8:		IF A.3/7 THEN o ELSE n/a.					

[Prerequisite A.4/22 - - SUBSCRIBE request](#)

Table A.136: Supported message bodies within the SUBSCRIBE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.4/23 - - SUBSCRIBE response

Prerequisite A.5/27 -- "415" Unsupported Media Type

Table A.137: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
12	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Require	[20] 24.33	m	m	[20] 24.33	m	m
16	Server	[20] 24.37	o	o	[20] 24.37	o	o
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	m	m
19	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/23 - - SUBSCRIBE response

Prerequisite: A.5/18 -- "405" Method Not Allowed

Table A.138: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/23 - - SUBSCRIBE response

Prerequisite: A.5/8 OR A.5/9 OR A.5/10 OR A.5/11 OR A.5/12 OR A.5/36 - - 3xx or 485 "Ambiguous"

Table A.139: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/23 - - SUBSCRIBE response

Prerequisite: A.5/14 - - 401

Table A.140: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Record-Route	[20] 24.31	o		[20] 24.31	o	
14	Require	[20] 24.33	m	m	[20] 24.33	m	m
15	Server	[20] 24.37	o	o	[20] 24.37	o	o
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	m	m
18	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	User-Agent	[20] 24.43	o		[20] 24.43	o	
21	Via	[20] 24.44	m	m	[20] 24.44	m	m
22	Warning	[20] 24.45	o		[20] 24.45	o	
23	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/23 - - SUBSCRIBE response

Prerequisite: A.5/20 - - 407

Table A.141: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/23 - - SUBSCRIBE response

Prerequisite: A.5/6 and A.5/7 - - 2xx

Table A.142: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
10	Expires	[20] 24.19	m	m	[20] 24.19	m	m
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Record-Route	[20] 24.31	o		[20] 24.31	o	
14	Require	[20] 24.33	m	m	[20] 24.33	m	m
15	Server	[20] 24.37	o	o	[20] 24.37	o	o
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	m	m
18	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	User-Agent	[20] 24.43	o		[20] 24.43	o	
21	Via	[20] 24.44	m	m	[20] 24.44	m	m
22	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN o ELSE n/a.						

Prerequisite A.4/23 - - SUBSCRIBE response

Prerequisite: A.5/35 - - 484

Table A.143: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Record-Route	[20] 24.31	o		[20] 24.31	o	
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN o ELSE n/a.						

Prerequisite A.4/23 - - SUBSCRIBE response

Prerequisite: A.5/28 - - 420

Table A.144: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	m	m
13	Server	[20] 24.37	o	o	[20] 24.37	o	o
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	m	m
16	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	Unsupported	[20] 24.42	m	m	[20] 24.42	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/23 - - SUBSCRIBE response

Prerequisite: A.5/17 OR A.5/25 OR A.5/31 OR A.5/37 OR A.5/41 OR A.5/48 OR A.5/49 - - 404, 413, 480, 486, 500, 600, 603

Table A.145: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	m	m
13	Retry-After	[20] 24.34	o		[20] 24.34	o	
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/23 - - SUBSCRIBE response

Prerequisite: A.5/44 - - 503

Table A.146: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	m	m
13	Retry-After	[20] 24.34	o	o	[20] 24.34	o	m
14	Server	[20] 24.37	o	o	[20] 24.37	o	o
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN m ELSE n/a.						

Prerequisite A.4/23 - - SUBSCRIBE response

Prerequisite: A.5/40 - - 489

Table A.147: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	m	m
2	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o	o	[20] 24.18	o	o
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Require	[20] 24.33	m	m	[20] 24.33	m	m
15	Server	[20] 24.37	o	o	[20] 24.37	o	o
16	State	[28] 5.1	o		[28] 5.1	o	
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.3/10 THEN o ELSE n/a.						
c2:	IF A.3/7 THEN o ELSE n/a.						

Prerequisite A.4/23 - - SUBSCRIBE response

Prerequisite: A.5/30 - - 423

Table A. 148: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	c1	c1	[20] 24.17	m	m
9	Error-Info	[20] 24.18	o		[20] 24.18	o	
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Min-Expires	[20] 24.23	m	m	[20] 24.23	m	m
13	Require	[20] 24.33	m	m	[20] 24.33	m	m
14	Server	[20] 24.37	o		[20] 24.37	o	
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	m	m
17	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/10 THEN o ELSE n/a.					
c2:		IF A.3/7 THEN m ELSE n/a.					

[Prerequisite A.4/23 - - SUBSCRIBE response](#)

Table A.149: Supported message bodies within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.2 Proxy role

A.2.2.1 Introduction

This subclause contains the ICS proforma tables related to the proxy role. They need to be completed only for proxy implementations.

Prerequisite: A.2/2 -- proxy role

A.2.2.2 Major capabilities

Table A.150: Major capabilities

Item	Does the implementation support	Reference	RFC status	Profile status
	Capabilities within main protocol			
1	client behaviour for registration?	[20]	m	m
2	server behaviour for registration?	[20]	m	m
3	registrar?	[20]	o	
4	client behaviour for session requests?	[20]	m	m
5	server behaviour for session requests?	[20]	m	m
6	session release?	[20]	m	m
7	Stateless proxy behaviour?	[20]	o.1	
8	Stateful proxy behaviour?	[20]	o.1	
9	insertion of date in requests and responses	[20] 24.17	o	o
10	suppression or modification of alerting information data	[20] 22.4	o	o
11	reading the contents of the Require header before proxying the request or response	[20] 24.33	o	o
12	adding or modifying the contents of the Require header before proxying the REGISTER request or response	[20] 24.33	o	m
13	adding or modifying the contents of the Require header before proxying the request or response for methods other than REGISTER	[20] 24.33	o	o
14	reading the contents of the Supported header before proxying the response	[20] 24.39	o	o
15	reading the contents of the Unsupported header before proxying the 420 response to a REGISTER	[20] 24.42	o	m
16	reading the contents of the Unsupported header before proxying the 420 response to a method other than REGISTER	[20] 24.42	o	o
17	the inclusion of the Error-Info header in 3xx - 6xx responses	[20] 24.42	o	o
	Extensions			
18	The SIP INFO method?	[19]	o	o
19	Reliability of provisional responses in SIP?	[21]	o	m
20	SIP caller preferences and callee capabilities?	[24]	o	o
21	the REFER method?	[25]	o	o
22	The SIP session timer?	[26]	o	o
23	Integration of resource management and SIP?	[22]	o	m
24	SIP extensions for caller identity and privacy?	[27]	o	m
25	SIP extensions for supporting distributed call state?	[28]	o	o
26	SIP extensions for media authorization?	[29]	o	m
27	SIP specific event notification	[23]	o	o
o.1:	It is mandatory to support at least one of these items.			

A.2.2.3 PDUs

Table A.151: Supported methods

Item	PDU	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	ACK request	[20] 13	m	m	[20] 13	m	m
2	BYE request	[20] 15.1	o	m	[20] 15.1	o	m
3	BYE response	[20] 15.1	o	m	[20] 15.1	o	m
4	CANCEL request	[20] 16.9	o	m	[20] 16.9	o	m
5	CANCEL response	[20] 16.9	o	m	[20] 16.9	o	m
6	COMET request	[22] 5	o	m	[22] 5	o	m
7	COMET response	[22] 5	o	m	[22] 5	o	m
8	INFO request	[19] 2	c2	c2	[19] 2	c2	c2
9	INFO response	[19] 2	c2	c2	[19] 2	c2	c2
10	INVITE request	[20] 13	m	m	[20] 13	m	m
11	INVITE response	[20] 13	m	m	[20] 13	m	m
12	NOTIFY request	[23] 7.4.2	c3	c3	[23] 7.4.2	c3	c3
13	NOTIFY response	[23] 7.4.2	c3	c3	[23] 7.4.2	c3	c3
14	OPTIONS request	[20] 11	m	m	[20] 11	m	m
15	OPTIONS response	[20] 11	m	m	[20] 11	m	m
16	PRACK request	[21] 6	m	m	[21] 6	m	m
17	PRACK response	[21] 6	m	m	[21] 6	m	m
18	REFER request	[25] 3	c1	c1	[25] 3	c1	c1
19	REFER response	[25] 3	c1	c1	[25] 3	c1	c1
20	REGISTER request	[20] 10	m	m	[20] 10	m	m
21	REGISTER response	[20] 10	m	m	[20] 10	m	m
22	SUBSCRIBE request	[23] 7.4.1	c3	c3	[23] 7.4.1	c3	c3
23	SUBSCRIBE response	[23] 7.4.1	c3	c3	[23] 7.4.1	c3	c3
c1:	IF A.150/21 THEN m ELSE n/a.						
c2:	IF A.150/18 THEN m ELSE n/a.						
c3:	IF A.150/27 THEN m ELSE n/a.						

A.2.2.4 PDU parameters

A.2.2.4.1 Status-codes

Table A.152: Supported-status codes

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	"100" Trying	[20] 23.1.1	c1	c1	[20] 23.1.1	c2	c2
2	"180" Ringing	[20] 23.1.2	c3	c3	[20] 23.1.2	c3	c3
3	"181" Call Is Being Forwarded	[20] 23.1.3	c3	c3	[20] 23.1.3	c3	c3
4	"182" Queued	[20] 23.1.4	c3	c3	[20] 23.1.4	c3	c3
5	"183" Session Progress	[20] 23.1.5	c3	c3	[20] 23.1.5	c3	c3
6	"200" OK						
7	"202" Accepted	[23] 7.6.1	c4	c4	[23] 7.6.1	c4	c4
8	"300" Multiple Choices						
9	"301" Moved Permanently						
10	"302" Moved Temporarily						
11	"305" Use Proxy						
12	"380" Alternative Service						
13	"400" Bad Request						
14	"401" Unauthorized						
15	"402" Payment Required						
16	"403" Forbidden						
17	"404" Not Found						
18	"405" Method Not Allowed						
19	"406" Not Acceptable						
20	"407" Proxy Authentication Required						
21	"408" Request Timeout						
22	"409" Conflict						
23	"410" Gone						
24	"411" Length Required						
25	"413" Request Entity Too Large						
26	"414" Request-URI Too Large						
27	"415" Unsupported Media Type						
28	"420" Bad Extension						
29	"421" Extension Required"						
30	"423" Registration Too Brief	[20] 25.4.17	c5	c5	[20] 25.4.17	c6	c6
31	"480" Temporarily not available						
32	"481" Call Leg/Transaction Does Not Exist						
33	"482" Loop Detected						
34	"483" Too Many Hops						
35	"484" Address Incomplete						
36	"485" Ambiguous						
37	"486" Busy Here						
38	"487" Request Cancelled						
39	"488" Not Acceptable Here						
40	"489" Bad Events	[23] 7.6.2	c4	c4	[23] 7.6.2	c4	c4
41	"500" Internal Server Error						
42	"501" Not Implemented						
43	"502" Bad Gateway						
44	"503" Service Unavailable						
45	"504" Gateway Time-out						

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
46	"505" SIP Version not supported						
47	"580" Precondition Failure						
48	"600" Busy Everywhere						
49	"603" Decline						
50	"604" Does not exist anywhere						
51	"606" Not Acceptable						
c1:	IF A.150/8 THEN m ELSE n/a.						
c2:	IF A.150/8 THEN m ELSE i.						
c3:	IF A.151/11 THEN m ELSE n/a.						
c4:	IF A.150/27 THEN m ELSE n/a.						
c5:	IF A.151/21 OR A.151/23 THEN m ELSE n/a - - REGISTER response or SUBSCRIBE response.						
c6:	IF A.151/21 OR A.151/23 THEN i ELSE n/a - - REGISTER response or SUBSCRIBE response.						

A.2.2.4.2 ACK method

Prerequisite A.151/1 – ACK request

Table A.153: Supported headers within the ACK request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	o		[20] 24.5	o	
2	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
3	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Contact	[20] 24.10	o		[20] 24.10	o	
6	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	m	m	[20] 24.17	c2	c2
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
17	Proxy-Require	[20] 24.29	m	m	[20] 24.29	m	m
18	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
19	Referred-By	[25] 3.3	c3	c3	[25] 3.3	c4	c4
20	Require	[20] 24.33	m	m	[20] 24.33	c5	c5
21	Route	[20] 24.35	m	m	[20] 24.35	m	m
22	State	[28] 5.1	o		[28] 5.1	o	
23	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
24	To	[20] 24.41	m	m	[20] 24.41	m	m
25	User-Agent	[20] 24.43	o		[20] 24.43	o	
26	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/21 THEN m ELSE i.						
c2:	IF A.150/9 THEN m ELSE i.						
c3:	IF A.150/21 THEN m ELSE n/a.						
c4:	IF A.150/21 THEN i ELSE n/a.						
c5:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
NOTE:	c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.						

Editor's note: Is the following table a suitable way of showing the contents of message bodies.

[Prerequisite A.151/1 – ACK request](#)**Table A.154: Supported message bodies within the ACK request**

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.2.4.3 BYE method

Prerequisite A.151/2 – BYE request

Table A.155: Supported headers within the BYE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
6	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Language	[20] 24.13	o		[20] 24.13	o	
11	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
12	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
13	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
14	Date	[20] 24.17	m	m	[20] 24.17	c2	c2
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
19	Proxy-Require	[20] 24.29, [[28]] 3	m	m	[20] 24.29, [[28]] 3	m	m
20	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
21	Referred-By	[25] 3.3	c3	c3	[25] 3.3	c4	c4
22	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
23	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
24	Require	[20] 24.33, [[28]] 3	m	m	[20] 24.33, [[28]] 3	c5	c5
25	Route	[20] 24.35	m	m	[20] 24.35	m	m
26	State	[28] 5.1	o		[28] 5.1	o	
27	Supported	[20] 24.39, [26] 8.1	m	m	[20] 24.39, [26] 8.1	c6	c6
28	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
29	To	[20] 24.41	m	m	[20] 24.41	m	m
30	User-Agent	[20] 24.43	o		[20] 24.43	o	
31	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/21 THEN m ELSE i.						
c2:	IF A.150/9 THEN m ELSE i.						
c3:	IF A.150/21 THEN m ELSE n/a.						
c4:	IF A.150/21 THEN i ELSE n/a.						
c5:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c6:	IF A.150/14 THEN m ELSE i.						
NOTE:	c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.						

[Prerequisite A.151/2 – BYE request](#)

Table A.156: Supported message bodies within the BYE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/3 – BYE response

Prerequisite: A.152/27 -- "415" Unsupported Media Type

Table A.157: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	o		[20] 24.40	o	
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/3 - - BYE response

Prerequisite: A.152/18 -- "405" Method Not Allowed

Table A.158: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/3 - BYE response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 OR A.152/36 - 3xx or 485 "Ambiguous"

Table A.159: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/3 – BYE response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 - - 401

Table A.160: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
14	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
15	Server	[20] 24.37	m	m	[20] 24.37	i	i
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	i	i
18	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	User-Agent	[20] 24.43	o		[20] 24.43	o	
21	Via	[20] 24.44	m	m	[20] 24.44	m	m
22	Warning	[20] 24.45	o		[20] 24.45	o	
23	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/3 – BYE response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 - - 407

Table A.161: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/3 – BYE response

Prerequisite: A.152/6 – 2xx

Table A.162: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Authentication-Info	[20] 24.6	o		p	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/3 - - BYE response

Prerequisite: A.152/35 - - 484

Table A.163: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Prerequisite A.151/3 - - BYE response

Prerequisite: A.152/1 - - 100 Trying

Table A.164: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
3	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
4	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
5	From	[20] 24.20	m	m	[20] 24.20	m	m
6	To	[20] 24.41	m	m	[20] 24.41	m	m
c1:		IF A.150/9 THEN m ELSE i.					

Prerequisite A.151/3 - - BYE response

Prerequisite: A.152/28 - - 420

Table A.165: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
13	Server	[20] 24.37	m	m	[20] 24.37	i	i
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	i	i
16	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	Unsupported	[20] 24.42	m	m	[20] 24.42	c3	c3
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c3:	IF A.150/16 THEN m ELSE i.						

Prerequisite A.151/3 - - BYE response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/37 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.166: Supported headers within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
13	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

[Prerequisite A.151/3 - - BYE response](#)

Table A.167: Supported message bodies within the BYE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.2.4.4 CANCEL method

Prerequisite A.151/4 – CANCEL request

Table A.168: Supported headers within the CANCEL request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
6	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c2	c2
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
16	Proxy-Require	[20] 24.29, [28] 3	m	m	[20] 24.29, [28] 3	m	m
17	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
18	Referred-By	[25] 3.3	c3	c3	[25] 3.3	c4	c4
19	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
20	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
21	Require	[20] 24.33, [28] 3	m	m	[20] 24.33, [28] 3	c5	c5
22	Route	[20] 24.35	m	m	[20] 24.35	m	m
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39, [26] 8.1	m	m	[20] 24.39, [26] 8.1	c6	c6
25	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/21 THEN m ELSE i.						
c2:	IF A.150/9 THEN m ELSE i.						
c3:	IF A.150/21 THEN m ELSE n/a.						
c4:	IF A.150/21 THEN i ELSE n/a.						
c5:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c6:	IF A.150/14 THEN m ELSE i.						
NOTE:	c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.						

[Prerequisite A.151/4 – CANCEL request](#)

Table A.169: Supported message bodies within the CANCEL request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/5 - - CANCEL response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 - - 401

Table A.170: Supported headers within the CANCEL response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Language	[20] 24.13	o		[20] 24.13	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
5	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
6	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
7	From	[20] 24.20	m	m	[20] 24.20	m	m
8	MIME-Version	[20] 24.24	o		[20] 24.24	o	
9	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
10	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
11	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
12	State	[28] 5.1	o		[28] 5.1	o	
13	Supported	[20] 24.39	m	m	[20] 24.39	i	i
14	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
15	To	[20] 24.41	m	m	[20] 24.41	m	m
16	User-Agent	[20] 24.43	o		[20] 24.43	o	
17	Via	[20] 24.44	m	m	[20] 24.44	m	m
18	Warning	[20] 24.45	o		[20] 24.45	o	
19	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1: IF A.150/9 THEN m ELSE i.							
c2: IF A.150/11 OR A.150/13 THEN m ELSE i.							

Prerequisite A.151/5 - - CANCEL response

Prerequisite: A.152/6 - - 200

Table A.171: Supported headers within the CANCEL response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	p	m	m
2	Content-Language	[20] 24.13	o		[20] 24.13	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
5	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
6	From	[20] 24.20	m	m	[20] 24.20	m	m
7	MIME-Version	[20] 24.24	o		[20] 24.24	o	
8	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
9	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
10	State	[28] 5.1	o		[28] 5.1	o	
11	Supported	[20] 24.39	m	m	[20] 24.39	i	i
12	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
13	To	[20] 24.41	m	m	[20] 24.41	m	m
14	User-Agent	[20] 24.43	o		[20] 24.43	o	
15	Via	[20] 24.44	m	m	[20] 24.44	m	m
16	Warning	[20] 24.45	o		[20] 24.45	o	
c1: IF A.150/9 THEN m ELSE i.							
c2: IF A.150/11 OR A.150/13 THEN m ELSE i.							

Prerequisite A.151/5 - - CANCEL response

Prerequisite: A.152/35 - - 484

Table A.172: Supported headers within the CANCEL response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Language	[20] 24.13	o		[20] 24.13	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
5	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
6	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
7	From	[20] 24.20	m	m	[20] 24.20	m	m
8	MIME-Version	[20] 24.24	o		[20] 24.24	o	
9	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
10	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
11	State	[28] 5.1	o		[28] 5.1	o	
12	Supported	[20] 24.39	m	m	[20] 24.39	i	i
13	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
14	To	[20] 24.41	m	m	[20] 24.41	m	m
15	User-Agent	[20] 24.43	o		[20] 24.43	o	
16	Via	[20] 24.44	m	m	[20] 24.44	m	m
17	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Prerequisite A.151/5 - - CANCEL response

Prerequisite: A.152/28 - - 420

Table A.173: Supported headers within the CANCEL response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Language	[20] 24.13	o		[20] 24.13	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
5	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
6	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
7	From	[20] 24.20	m	m	[20] 24.20	m	m
8	MIME-Version	[20] 24.24	o		[20] 24.24	o	
9	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
10	State	[28] 5.1	o		[28] 5.1	o	
11	Supported	[20] 24.39	m	m	[20] 24.39	i	i
12	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
13	To	[20] 24.41	m	m	[20] 24.41	m	m
14	Unsupported	[20] 24.42	m	m	[20] 24.42	c3	c3
15	User-Agent	[20] 24.43	o		[20] 24.43	o	
16	Via	[20] 24.44	m	m	[20] 24.44	m	m
17	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					
c3:		IF A.150/16 THEN m ELSE i.					

Prerequisite A.151/5 - - CANCEL response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 500, 503, 600, 603

Table A.174: Supported headers within the CANCEL response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
18	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
19	Content-Language	[20] 24.13	o		[20] 24.13	o	
20	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
21	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
22	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
23	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
24	From	[20] 24.20	m	m	[20] 24.20	m	m
25	MIME-Version	[20] 24.24	o		[20] 24.24	o	
26	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
27	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
28	State	[28] 5.1	o		[28] 5.1	o	
29	Supported	[20] 24.39	m	m	[20] 24.39	i	i
30	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
31	To	[20] 24.41	m	m	[20] 24.41	m	m
32	User-Agent	[20] 24.43	o		[20] 24.43	o	
33	Via	[20] 24.44	m	m	[20] 24.44	m	m
34	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

[Prerequisite A.151/5 - - CANCEL response](#)

Table A.175: Supported message bodies within the CANCEL response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.2.4.5 COMET method

Prerequisite A.151/6 - - COMET request

Table A.176: Supported headers within the COMET request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
6	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Contact	[20] 24.10	o		[20] 24.10	o	
9	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
10	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
11	Content-Language	[20] 24.13	o		[20] 24.13	o	
12	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
13	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
14	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
15	Date	[20] 24.17	m	m	[20] 24.17	c2	c2
16	Expires	[20] 24.19	o		[20] 24.19	o	
17	From	[20] 24.20	m	m	[20] 24.20	m	m
18	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
19	MIME-Version	[20] 24.24	o		[20] 24.24	o	
20	Organization	[20] 24.25	o		[20] 24.25	o	
21	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
22	Proxy-Require	[20] 24.29, [28] 3	m	m	[20] 24.29, [28] 3	m	m
23	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
24	Referred-By	[25] 3.3	c3	c3	[25] 3.3	c4	c4
25	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
26	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
27	Require	[20] 24.33, [28] 3	m	m	[20] 24.33, [28] 3	c5	c5
28	Route	[20] 24.35	m	m	[20] 24.35	m	m
29	State	[28] 5.1	o		[28] 5.1	o	
30	Subject	[20] 24.38	o		[20] 24.38	o	
31	Supported	[20] 24.39, [26] 8.1	m	m	[20] 24.39, [26] 8.1	c6	c6
32	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
33	To	[20] 24.41	m	m	[20] 24.41	m	m
34	User-Agent	[20] 24.43	o		[20] 24.43	o	
35	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/21 THEN m ELSE i.						
c2:	IF A.150/9 THEN m ELSE i.						
c3:	IF A.150/21 THEN m ELSE n/a.						
c4:	IF A.150/21 THEN i ELSE n/a.						
c5:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c6:	IF A.150/14 THEN m ELSE i.						
NOTE:	c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.						

Editors Note: IETF#50 Agreed that use of Record-Route inside an Invite transaction should be ignored at the UA. It is anticipated that this will be reflected in future IETF drafts and this table will then need to be updated accordingly

Editor's note to editor's note: It is believed that the above editors note refers to the use of record-route headers within reliable responses.

[Prerequisite A.151/6 - - COMET request](#)

Table A.177: Supported message bodies within the COMET request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/7 - - COMET response

Prerequisite: A.152/27 -- "415" Unsupported Media Type

Table A.178: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/7 - - COMET response

Prerequisite: A.152/18 -- "405" Method Not Allowed

Table A.179: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	p	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/7 - - COMET response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 OR A.152/36 - - 3xx or 485 "Ambiguous"

Table A.180: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/7 - - COMET response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 - - 3xx

Table A.181: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/7 - - COMET response

Prerequisite: A.152/20 - - 407

Table A.182: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	Expires	[20] 24.19	o		[20] 24.19	o	
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Organization	[20] 24.25	o		[20] 24.25	o	
14	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/7 - - COMET response

Prerequisite: A.152/6 - - 2xx

Table A.183: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	p	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Expires	[20] 24.19	o		[20] 24.19	o	
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Organization	[20] 24.25	o		[20] 24.25	o	
14	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Editors Note: IETF#50 Agreed that use of Record-Route inside an Invite transaction should be ignored at the UA. It is anticipated that this will be reflected in future IETF drafts and this table will then need to be updated accordingly

Editor's note to editor's note: It is believed that the above editors note refers to the use of record-route headers within reliable responses.

Prerequisite A.151/7 - - COMET response

Prerequisite: A.152/1 - - 100 Trying

Table A.184: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
3	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
4	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
5	From	[20] 24.20	m	m	[20] 24.20	m	m
6	To	[20] 24.41	m	m	[20] 24.41	m	m
7	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.150/9 THEN m ELSE i.						

Prerequisite A.151/7 - - COMET response

Prerequisite: A.152/28 - - 420

Table A.185: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	Expires	[20] 24.19	o		[20] 24.19	o	
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Organization	[20] 24.25	o		[20] 24.25	o	
14	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
15	Server	[20] 24.37	m	m	[20] 24.37	i	i
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	i	i
18	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	Unsupported	[20] 24.42	m	m	[20] 24.42	c3	c3
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c3:	IF A.150/16 THEN m ELSE i.						

Prerequisite A.151/7 - - COMET response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/37 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.186: Supported headers within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	Expires	[20] 24.19	o		[20] 24.19	o	
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Organization	[20] 24.25	o		[20] 24.25	o	
14	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
15	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

[Prerequisite A.151/7 - - COMET response](#)

Table A.187: Supported message bodies within the COMET response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.2.4.6 INFO method

Prerequisite A.151/8 - - INFO request

Table A.188: Supported headers within the INFO request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
6	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
7	Call-ID	[20] 24.8	m		[20] 24.8	m	
8	Contact	[20] 24.10	o		[20] 24.10	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
11	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
12	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
13	Date	[20] 24.17	m	m	[20] 24.17	c2	c2
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Priority	[20] 24.26	m	m	[20] 24.26	i	i
19	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
20	Proxy-Require	[20] 24.29, [28] 3	m	m	[20] 24.29, [28] 3	m	m
21	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
22	Referred-By	[25] 3.3	c3	c3	[25] 3.3	c4	c4
23	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
24	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
25	Require	[20] 24.33, [28] 3	m	m	[20] 24.33, [28] 3	c4	c5
26	Route	[20] 24.35	m	m	[20] 24.35	m	m
27	State	[28] 5.1	o		[28] 5.1	o	
28	Subject	[20] 24.38	o		[20] 24.38	o	
29	Supported	[20] 24.39, [26] 8.1	m	m	[20] 24.39, [26] 8.1	c6	c6
30	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
31	To	[20] 24.41	m	m	[20] 24.41	m	m
32	User-Agent	[20] 24.43	o		[20] 24.43	o	
33	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/21 THEN m ELSE i.						
c2:	IF A.150/9 THEN m ELSE i.						
c3:	IF A.150/21 THEN m ELSE n/a.						
c4:	IF A.150/21 THEN i ELSE n/a.						
c5:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c6:	IF A.150/14 THEN m ELSE i.						
NOTE:	c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.						

[Prerequisite A.151/8 - - INFO request](#)

Table A.189: Supported message bodies within the INFO request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/9 – INFO response

Prerequisite: A.152/27 -- "415" Unsupported Media Type @@@ combine

Table A.190: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
7	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
12	Server	[20] 24.37	m	m	[20] 24.37	i	i
13	State	[28] 5.1	o		[28] 5.1	o	
14	Supported	[20] 24.39	m	m	[20] 24.39	i	i
15	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
16	To	[20] 24.41	m	m	[20] 24.41	m	m
17	User-Agent	[20] 24.43	o		[20] 24.43	o	
18	Via	[20] 24.44	m	m	[20] 24.44	m	m
19	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/9 - - INFO response

Prerequisite: A.152/18 -- "405" Method Not Allowed

Table A.191: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
5	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
6	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
7	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
8	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
9	Expires	[20] 24.19	o		[20] 24.19	o	
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	Organization	[20] 24.25	o		[20] 24.25	o	
12	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
13	Server	[20] 24.37	m	m	[20] 24.37	i	i
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	i	i
16	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	User-Agent	[20] 24.43	o		[20] 24.43	o	
19	Via	[20] 24.44	m	m	[20] 24.44	m	m
20	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Prerequisite A.151/9 - - INFO response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 OR A.152/36 - - 3xx or 485 "Ambiguous" @@@ combine

Table A.192: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
7	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
12	Server	[20] 24.37	m	m	[20] 24.37	i	i
13	State	[28] 5.1	o		[28] 5.1	o	
14	Supported	[20] 24.39	m	m	[20] 24.39	i	i
15	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
16	To	[20] 24.41	m	m	[20] 24.41	m	m
17	User-Agent	[20] 24.43	o		[20] 24.43	o	
18	Via	[20] 24.44	m	m	[20] 24.44	m	m
19	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Prerequisite A.151/9 - - INFO response

Prerequisite: A.152/14 - - 401

Table A.193: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
7	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
12	Server	[20] 24.37	m	m	[20] 24.37	i	i
13	State	[28] 5.1	o		[28] 5.1	o	
14	Supported	[20] 24.39	m	m	[20] 24.39	i	i
15	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
16	To	[20] 24.41	m	m	[20] 24.41	m	m
17	User-Agent	[20] 24.43	o		[20] 24.43	o	
18	Via	[20] 24.44	m	m	[20] 24.44	m	m
19	Warning	[20] 24.45	o		[20] 24.45	o	
20	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Prerequisite A.151/9 - - INFO response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 - - 3xx

Table A.194: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
7	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
12	Server	[20] 24.37	m	m	[20] 24.37	i	i
13	State	[28] 5.1	o		[28] 5.1	o	
14	Supported	[20] 24.39	m	m	[20] 24.39	i	i
15	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
16	To	[20] 24.41	m	m	[20] 24.41	m	m
17	User-Agent	[20] 24.43	o		[20] 24.43	o	
18	Via	[20] 24.44	m	m	[20] 24.44	m	m
19	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Prerequisite A.151/9 – INFO response

Prerequisite: A.152/6 - - 2xx

Table A.195: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
5	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
6	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
7	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
12	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
22	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/9 - - INFO response

Prerequisite: A.152/35 - - 484

Table A.196: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
23	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
24	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
25	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
26	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
27	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
28	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
29	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
30	Expires	[20] 24.19	o		[20] 24.19	o	
31	From	[20] 24.20	m	m	[20] 24.20	m	m
32	Organization	[20] 24.25	o		[20] 24.25	o	
33	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
34	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
35	Server	[20] 24.37	m	m	[20] 24.37	i	i
36	State	[28] 5.1	o		[28] 5.1	o	
37	Supported	[20] 24.39	m	m	[20] 24.39	i	i
38	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
39	To	[20] 24.41	m	m	[20] 24.41	m	m
40	User-Agent	[20] 24.43	o		[20] 24.43	o	
41	Via	[20] 24.44	m	m	[20] 24.44	m	m
42	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Prerequisite A.151/9 – INFO response

Prerequisite: A.152/1 – 100 Trying

Table A.197: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
3	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
4	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
5	From	[20] 24.20	m	m	[20] 24.20	m	m
6	To	[20] 24.41	m	m	[20] 24.41	m	m
7	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.150/9 THEN m ELSE i.					

Prerequisite A.151/9 - - INFO response

Prerequisite: A.152/28 - - 420

Table A.198: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
7	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
12	Server	[20] 24.37	m	m	[20] 24.37	i	i
13	State	[28] 5.1	o		[28] 5.1	o	
14	Supported	[20] 24.39	m	m	[20] 24.39	i	i
15	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
16	To	[20] 24.41	m	m	[20] 24.41	m	m
17	Unsupported	[20] 24.42	m	m	[20] 24.42	c3	c3
18	User-Agent	[20] 24.43	o		[20] 24.43	o	
19	Via	[20] 24.44	m	m	[20] 24.44	m	m
20	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c3:	IF A.150/16 THEN m ELSE i.						

Prerequisite A.151/9 - - INFO response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/37 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.199: Supported headers within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
3	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
4	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
5	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
6	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
7	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
8	Expires	[20] 24.19	o		[20] 24.19	o	
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	Organization	[20] 24.25	o		[20] 24.25	o	
11	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
12	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
13	Server	[20] 24.37	m	m	[20] 24.37	i	i
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	i	i
16	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	User-Agent	[20] 24.43	o		[20] 24.43	o	
19	Via	[20] 24.44	m	m	[20] 24.44	m	m
20	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

[Prerequisite A.151/9 - - INFO response](#)

Table A.200: Supported message bodies within the INFO response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.2.4.7 INVITE method

Prerequisite A.151/10 – INVITE request

Table A.201: Supported headers within the INVITE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
6	Alert-Info	[20] 24.4	c2	c2	[20] 24.4	c3	c3
7	Allow	[20] 24.5, [20] 13	o		[20] 24.5, [20] 13	o	
8	Anonymity	[27] 5.2	o		[27] 5.2		
9	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
10	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
11	Call-Info	[20] 24.9	o		[20] 24.9	o	

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
12	Contact	[20] 24.10	m		[20] 24.10	m	
13	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
14	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
15	Content-Language	[20] 24.13	o		[20] 24.13	o	
16	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
17	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
18	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
19	Date	[20] 24.17	m	m	[20] 24.17	c4	c4
20	Expires	[20] 24.19	o		[20] 24.19	o	
21	From	[20] 24.20	m	m	[20] 24.20	m	m
22	In-Reply-To	[20] 24.21	m	m	[20] 24.21	i	i
23	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
24	MIME-Version	[20] 24.24	o		[20] 24.24	o	
25	Organization	[20] 24.25	o		[20] 24.25	o	
26	Priority	[20] 24.26	m	m	[20] 24.26	i	i
27	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
28	Proxy-Require	[20] 24.29, [26] 4, [27] 4, [28] 3	m	m	[20] 24.29, [26] 4, [27] 4, [28] 3	m	m
29	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
30	Referred-By	p	c5	c5	[25] 3.3	c6	c6
31	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
32	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
33	Reply-To	[20] 24.32	m	m	[20] 24.32	i	i
34	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
35	Require	[20] 24.33, [26] 4, [28] 3	m	m	[20] 24.33, [26] 4, [28] 3	c7	c7
36	Route	[20] 24.35	m	m	[20] 24.35	m	m
37	Session expires	[26] 3	o		[26] 3	o	
38	State	[28] 5.1	o		[28] 5.1	o	
39	Subject	[20] 24.38	o		[20] 24.38	o	
40	Supported	[20] 24.39, [26] 8.1	m	m	[20] 24.39, [26] 8.1	c8	c8
41	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
42	To	[20] 24.41	m	m	[20] 24.41	m	m
43	User-Agent	[20] 24.43	o		[20] 24.43	o	
44	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.3/21 THEN m ELSE i.					
c2:		IF A.150/10 THEN n/a ELSE m.					
c3:		IF A.150/10 THEN m ELSE i.					
c4:		IF A.150/9 THEN m ELSE i.					
c5:		IF A.150/21 THEN m ELSE n/a.					
c6:		IF A.150/21 THEN i ELSE n/a.					
c7:		IF A.150/11 OR A.150/13 THEN m ELSE i.					
c8:		IF A.150/14 THEN m ELSE i.					
NOTE:		c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.					

[Prerequisite A.151/10 – INVITE request](#)

Table A.202: Supported message bodies within the INVITE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/11 – INVITE response

Prerequisite: A.152/27 -- "415" Unsupported Media Type

Table A.203: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Anonymity	[27] 5.2	o		[27] 5.2		
5	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
6	Call-Info	[20] 24.9	o		[20] 24.9	o	
7	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
8	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
9	Content-Language	[20] 24.13	o		[20] 24.13	o	
10	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
11	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
12	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
13	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
14	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
15	Expires	[20] 24.19	o		[20] 24.19	o	
16	From	[20] 24.20	m	m	[20] 24.20	m	m
17	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
18	MIME-Version	[20] 24.24	o		[20] 24.24	o	
19	Organization	[20] 24.25	o		[20] 24.25	o	
20	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
21	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
22	Server	[20] 24.37	m	m	[20] 24.37	i	i
23	Session expires	[26] 3	o		[26] 3	o	
24	State	[28] 5.1	o		[28] 5.1	o	
25	Supported	[20] 24.39	m	m	[20] 24.39	i	i
26	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
27	To	[20] 24.41	m	m	[20] 24.41	m	m
28	User-Agent	[20] 24.43	o		[20] 24.43	o	
29	Via	[20] 24.44	m	m	[20] 24.44	m	m
30	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/11 -- INVITE response

Prerequisite: A.152/18 -- "405" Method Not Allowed

Table A.204: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	m		[20] 24.5	m/o	
3	Anonymity	[27] 5.2	o		[27] 5.2	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
13	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Organization	[20] 24.25	o		[20] 24.25	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
21	Server	[20] 24.37	m	m	[20] 24.37	i	i
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	i	i
25	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 OR A.152/36 - - 3xx or 485 "Ambiguous"

Table A.205: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Contact	[20] 24.10	o		[20] 24.10	o/m	
6	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
13	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Organization	[20] 24.25	o		[20] 24.25	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
21	Server	[20] 24.37	m	m	[20] 24.37	i	i
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	i	i
25	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/14 - - 401

Table A.206: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
19	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
20	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
21	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
22	Server	[20] 24.37	m	m	[20] 24.37	i	i
23	Session expires	[26] 3	o		[26] 3	o	
24	State	[28] 5.1	o		[28] 5.1	o	
25	Supported	[20] 24.39	m	m	[20] 24.39	i	i
26	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
27	To	[20] 24.41	m	m	[20] 24.41	m	m
28	User-Agent	[20] 24.43	o		[20] 24.43	o	
29	Via	[20] 24.44	m	m	[20] 24.44	m	m
30	Warning	[20] 24.45	o		[20] 24.45	o	
31	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/20 - - 407

Table A.207: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
21	Server	[20] 24.37	m	m	[20] 24.37	i	i
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	i	i
25	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/6 – 2xx

Table A.208: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	o		[20] 24.5	o	
3	Anonymity	[27] 5.2	o		[27] 5.2		
4	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
5	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
6	Call-Info	[20] 24.9	o		[20] 24.9	o	
7	Contact	[20] 24.10	m		[20] 24.10	m	
8	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Language	[20] 24.13	o		[20] 24.13	o	
11	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
12	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
13	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
14	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
15	Expires	[20] 24.19	o		[20] 24.19	o	
16	From	[20] 24.20	m	m	[20] 24.20	m	m
17	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
18	MIME-Version	[20] 24.24	o		[20] 24.24	o	
19	Organization	[20] 24.25	o		[20] 24.25	o	
20	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
21	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
22	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
23	Server	[20] 24.37	m	m	[20] 24.37	i	i
24	Session expires	[26] 3	o		[26] 3	o	
25	State	[28] 5.1	o		[28] 5.1	o	
26	Supported	[20] 24.39	m	m	[20] 24.39	i	i
27	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
28	To	[20] 24.41	m	m	[20] 24.41	m	m
29	User-Agent	[20] 24.43	o		[20] 24.43	o	
30	Via	[20] 24.44	m	m	[20] 24.44	m	m
31	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/35 - - 484

Table A.209: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
19	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
20	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
21	Server	[20] 24.37	m	m	[20] 24.37	i	i
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	i	i
25	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Prerequisite A.151/11 - - BYE response

Prerequisite: A.152/1 - - 100 Trying

Table A.210: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
3	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
4	Date	[20] 24.17	c1	c1	[20] 24.17	c2	c2
5	From	[20] 24.20	m	m	[20] 24.20	m	m
6	To	[20] 24.41	m	m	[20] 24.41	m	m
7	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF (A.150/9 AND A.150/8) OR A.150/7 THEN m ELSE n/a - - Stateful proxies that insert date, or stateless proxies.					
c2:		IF A.150/7 THEN i ELSE m - - Stateless proxy passes on.					

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/2 OR A.152/3 OR A.152/4 OR A.152/5 – 1xx

Table A.211: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Contact	[20] 24.10	o		[20] 24.10	o/m	
6	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
20	Rseq	[21] 7.1	m	m	[21] 7.1	i	i
21	Server	[20] 24.37	m	m	[20] 24.37	i	i
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	i	i
25	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/28 - - 420

Table A.212: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
20	Server	[20] 24.37	m	m	[20] 24.37	i	i
21	Session expires	[26] 3	o		[26] 3	o	
22	State	[28] 5.1	o		[28] 5.1	o	
23	Supported	[20] 24.39	m	m	[20] 24.39	i	i
24	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
25	To	[20] 24.41	m	m	[20] 24.41	m	m
26	Unsupported	[20] 24.42	m	m	[20] 24.42	c3	c3
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c3:	IF A.150/16 THEN m ELSE i.						

Prerequisite A.151/11 - - INVITE response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/37 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.213: Supported headers within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Anonymity	[27] 5.2	o		[27] 5.2		
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11, [22] 8.3	o		[20] 24.11, [22] 8.3	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Media-Authorization	[29] 5.1	o		[29] 5.1	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Organization	[20] 24.25	o		[20] 24.25	o	
18	Remote-Party-ID	[27] 5.1	o		[27] 5.1	o	
19	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
20	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
21	Server	[20] 24.37	m	m	[20] 24.37	i	i
22	Session expires	[26] 3	o		[26] 3	o	
23	State	[28] 5.1	o		[28] 5.1	o	
24	Supported	[20] 24.39	m	m	[20] 24.39	i	i
25	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
26	To	[20] 24.41	m	m	[20] 24.41	m	m
27	User-Agent	[20] 24.43	o		[20] 24.43	o	
28	Via	[20] 24.44	m	m	[20] 24.44	m	m
29	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

[Prerequisite A.151/11 - - INVITE response](#)

Table A.214: Supported message bodies within the INVITE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.2.4.8 NOTIFY method

Prerequisite A.151/12 - - NOTIFY request

Table A.215: Supported headers within the NOTIFY request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
6	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Language	[20] 24.13	o		[20] 24.13	o	
11	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
12	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
13	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
14	Date	[20] 24.17	m	m	[20] 24.17	c2	c2
15	Event	[23] 7.5.1	m	m	[23] 7.5.1	m	m
16	From	[20] 24.20	m	m	[20] 24.20	m	m
17	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
18	MIME-Version	[20] 24.24	o		[20] 24.24	o	
19	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
20	Proxy-Require	[20] 24.29, [28] 3	m	m	[20] 24.29, [28] 3	m	m
21	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
22	Referred-By	[25] 3.3	c3	c3	[25] 3.3	c4	c4
23	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
24	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
25	Require	[20] 24.33, [28] 3	m	m	[20] 24.33, [28] 3	c5	c5
26	Route	[20] 24.35	m	m	[20] 24.35	m	m
27	State	[28] 5.1	o		[28] 5.1	o	
28	Subscription-State	[23] 7.5.3	m	m	[23] 7.5.3	i	i
29	Supported	[20] 24.39, [26] 8.1	m	m	[20] 24.39, [26] 8.1	c6	c6
30	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
31	To	[20] 24.41	m	m	[20] 24.41	m	m
32	User-Agent	[20] 24.43	o		[20] 24.43	o	
33	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.3/21 THEN m ELSE i.					
c2:		IF A.150/9 THEN m ELSE i.					
c3:		IF A.150/21 THEN m ELSE n/a.					
c4:		IF A.150/21 THEN i ELSE n/a.					
c5:		IF A.150/11 OR A.150/13 THEN m ELSE i.					
c6:		IF A.150/14 THEN m ELSE i.					
NOTE:		c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.					

[Prerequisite A.151/12 -- NOTIFY request](#)

Table A.216: Supported message bodies within the NOTIFY request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/13 -- NOTIFY response

Prerequisite: A.152/27 -- "415" Unsupported Media Type

Table A.217: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	o		[20] 24.40	o	
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/13 -- NOTIFY response

Prerequisite: A.152/18 -- "405" Method Not Allowed

Table A.218: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/13 - - NOTIFY response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 OR A.152/36 - - 3xx or 485 "Ambiguous"

Table A.219: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/13 - - NOTIFY response

Prerequisite: A.152/14 - - 401

Table A.220: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
14	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
15	Server	[20] 24.37	m	m	[20] 24.37	i	i
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	i	i
18	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	User-Agent	[20] 24.43	o		[20] 24.43	o	
21	Via	[20] 24.44	m	m	[20] 24.44	m	m
22	Warning	[20] 24.45	o		[20] 24.45	o	
23	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/13 - - NOTIFY response

Prerequisite: A.152/20 - - 407

Table A.221: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/13 - - NOTIFY response

Prerequisite: A.152/6 AND A.152/7 - - 2xx

Table A.222: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/13 - - NOTIFY response

Prerequisite: A.152/35 - - 484

Table A.223: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/13 - - NOTIFY response

Prerequisite: A.152/28 - - 420

Table A.224: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
13	Server	[20] 24.37	m	m	[20] 24.37	i	i
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	i	i
16	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	Unsupported	[20] 24.42	m	m	[20] 24.42	c3	c3
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					
c3:		IF A.150/16 THEN m ELSE i.					

Prerequisite A.151/13 - - NOTIFY response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/37 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.225: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
13	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/13 - - NOTIFY response

Prerequisite: A.152/40 - - 489

Table A.226: Supported headers within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
xx	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
1	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c2	c2
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c3	c3
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	User-Agent	[20] 24.43	o		[20] 24.43	o	
19	Via	[20] 24.44	m	m	[20] 24.44	m	m
20	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/21 THEN m ELSE i.					
c2:		IF A.150/9 THEN o ELSE n/a.					
c3:		IF A.150/11 OR A.150/13 THEN m ELSE i.					
NOTE:		c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.					

[Prerequisite A.151/13 - - NOTIFY response](#)

Table A.227: Supported message bodies within the NOTIFY response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.2.4.9 OPTIONS method

Prerequisite A.151/14 – OPTIONS request

Table A.228: Supported headers within the OPTIONS request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
6	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Call-Info	[20] 24.9	o		[20] 24.9	o	
9	Contact	[20] 24.10	m		[20] 24.10	m	
10	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
11	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
12	Content-Language	[20] 24.13	o		[20] 24.13	o	
13	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
14	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
15	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
16	Date	[20] 24.17	m	m	[20] 24.17	c2	c2
17	From	[20] 24.20	m	m	[20] 24.20	m	m
18	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
19	MIME-Version	[20] 24.24	o		[20] 24.24	o	
20	Organization	[20] 24.25	o		[20] 24.25	o	
21	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
22	Proxy-Require	[20] 24.29, [28] 3	m	m	[20] 24.29, [28] 3	m	m
23	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
24	Referred-By	[25] 3.3	c3	c3	[25] 3.3	c4	c4
25	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
26	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
27	Require	[20] 24.33, [28] 3	m	m	[20] 24.33, [28] 3	c5	c5
28	Route	[20] 24.35	m	m	[20] 24.35	m	m
29	State	[28] 5.1	o		[28] 5.1	o	
30	Supported	[20] 24.39, [26] 8.1	m	m	[20] 24.39, [26] 8.1	c6	c6
31	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
32	To	[20] 24.41	m	m	[20] 24.41	m	m
33	User-Agent	[20] 24.43	o		[20] 24.43	o	
34	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/21 THEN m ELSE i.						
c2:	IF A.150/9 THEN m ELSE i.						
c3:	IF A.150/21 THEN m ELSE n/a.						
c4:	IF A.150/21 THEN i ELSE n/a.						
c5:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c6:	IF A.150/14 THEN m ELSE i.						
NOTE:	c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.						

[Prerequisite A.151/14 – OPTIONS request](#)

Table A.229: Supported message bodies within the OPTIONS request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/15 – OPTIONS response

Prerequisite: A.152/27 -- "415" Unsupported Media Type

Table A.230: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
13	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/15 – OPTIONS response

Prerequisite: A.152/18 -- "405" Method Not Allowed

Table A.231: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	m	m	[20] 24.5	m	m
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
17	Server	[20] 24.37	m	m	[20] 24.37	i	i
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	i	i
20	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/15 – OPTIONS response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 OR A.152/36 - - 3xx or 485 "Ambiguous"

Table A.232: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Contact	[20] 24.10	o		[20] 24.10	o	
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
17	Server	[20] 24.37	m	m	[20] 24.37	i	i
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	i	i
20	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/15 – OPTIONS response

Prerequisite: A.152/14 – 401

Table A.233: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
16	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
17	Server	[20] 24.37	m	m	[20] 24.37	i	i
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	i	i
20	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
25	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/15 – OPTIONS response

Prerequisite: A.152/20 – 407

Table A.234: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
16	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
17	Server	[20] 24.37	m	m	[20] 24.37	i	i
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	i	i
20	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/15 – OPTIONS response

Prerequisite: A.152/6 – 2xx

Table A.235: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	o		[20] 24.5	o/m	
3	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Contact	[20] 24.10	o		[20] 24.10	o	
7	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
8	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
9	Content-Language	[20] 24.13	o		[20] 24.13	o	
10	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
11	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
12	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
13	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
18	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
19	Server	[20] 24.37	m	m	[20] 24.37	i	i
20	State	[28] 5.1	o		[28] 5.1	o	
21	Supported	[20] 24.39	m	m	[20] 24.39	i	i
22	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
23	To	[20] 24.41	m	m	[20] 24.41	m	m
24	User-Agent	[20] 24.43	o		[20] 24.43	o	
25	Via	[20] 24.44	m	m	[20] 24.44	m	m
26	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/15 – OPTIONS response

Prerequisite: A.152/35 – 484

Table A.236: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Contact	[20] 24.10	o		[20] 24.10	o	
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
17	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Prerequisite A.151/15 – OPTIONS response

Prerequisite: A.152/1 – 100 Trying

Table A.237: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
3	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
4	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
5	From	[20] 24.20	m	m	[20] 24.20	m	m
6	To	[20] 24.41	m	m	[20] 24.41	m	m
7	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.150/9 THEN m ELSE i.					

Prerequisite A.151/15 – OPTIONS response

Prerequisite: A.152/28 – 420

Table A.238: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	Unsupported	[20] 24.42	m	m	[20] 24.42	c3	c3
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c3:	IF A.150/16 THEN m ELSE i.						

Prerequisite A.151/15 – OPTIONS response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/37 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.239: Supported headers within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
17	Server	[20] 24.37	m	m	[20] 24.37	i	i
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	i	i
20	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

[Prerequisite A.151/15 – OPTIONS response](#)

Table A.240: Supported message bodies within the OPTIONS response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.2.4.10 PRACK method

Prerequisite A.151/16 – PRACK request

Table A.241: Supported headers within the PRACK request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
6	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Language	[20] 24.13	o		[20] 24.13	o	
11	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
12	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
13	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
14	Date	[20] 24.17	m	m	[20] 24.17	c2	c2
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Max-Forwards	[20] 24.22	o	o	[20] 24.22	n/a	n/a
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
19	Proxy-Require	[20] 24.29, [28] 3	m	m	[20] 24.29, [28] 3	m	m
20	RAck	[21] 7.2	m	m	[21] 7.2	i	i
21	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
22	Referred-By	[25] 3.3	c3	c3	[25] 3.3	c4	c4
23	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
24	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
25	Require	[20] 24.33, [28] 3	m	m	[20] 24.33, [28] 3	c5	c5
26	Route	[20] 24.35	m	m	[20] 24.35	m	m
27	State	[28] 5.1	o		[28] 5.1	o	
28	Supported	[20] 24.39, [26] 8.1	m	m	[20] 24.39, [26] 8.1	c6	c6
29	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
30	To	[20] 24.41	m	m	[20] 24.41	m	m
31	User-Agent	[20] 24.43	o		[20] 24.43	o	
32	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/21 THEN m ELSE i.						
c2:	IF A.150/9 THEN m ELSE i.						
c3:	IF A.150/21 THEN m ELSE n/a.						
c4:	IF A.150/21 THEN i ELSE n/a.						
c5:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c6:	IF A.150/14 THEN m ELSE i.						
NOTE:	c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.						

Editors Note: IETF#50 Agreed that use of Record-Route inside an Invite transaction should be ignored at the UA. It is anticipated that this will be reflected in future IETF drafts and this table will then need to be updated accordingly

Editor's note to editor's note: It is believed that the above editors note refers to the use of record-route headers within reliable responses.

[Prerequisite A.151/16 – PRACK request](#)

Table A.242: Supported message bodies within the PRACK request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/17 – PRACK response

Prerequisite: A.152/27 -- "415" Unsupported Media Type

Table A.243: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/17 – PRACK response

Prerequisite: A.152/18 -- "405" Method Not Allowed

Table A.244: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/17 – PRACK response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 OR A.152/36 - - 3xx or 485 "Ambiguous"

Table A.245: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/17 – PRACK response

Prerequisite: A.152/14 – 401

Table A.246: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
14	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
15	Server	[20] 24.37	m	m	[20] 24.37	i	i
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	i	i
18	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	User-Agent	[20] 24.43	o		[20] 24.43	o	
21	Via	[20] 24.44	m	m	[20] 24.44	m	m
22	Warning	[20] 24.45	o		[20] 24.45	o	
23	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Editors Note: IETF#50 Agreed that use of Record-Route inside an Invite transaction should be ignored at the UA. It is anticipated that this will be reflected in future IETF drafts and this table will then need to be updated accordingly

Editor's note to editor's note: It is believed that the above editors note refers to the use of record-route headers within reliable responses.

Prerequisite A.151/17 – PRACK response

Prerequisite: A.152/20 – 407

Table A.247: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Prerequisite A.151/17 – PRACK response

Prerequisite: A.152/6 - - 2xx

Table A.248: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	From	[20] 24.20	m	m	[20] 24.20	m	m
10	MIME-Version	[20] 24.24	o		[20] 24.24	o	
11	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
12	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
13	Server	[20] 24.37	m	m	[20] 24.37	i	i
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	i	i
16	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	User-Agent	[20] 24.43	o		[20] 24.43	o	
19	Via	[20] 24.44	m	m	[20] 24.44	m	m
20	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Editors Note: IETF#50 Agreed that use of Record-Route inside an Invite transaction should be ignored at the UA. It is anticipated that this will be reflected in future IETF drafts and this table will then need to be updated accordingly

Editor's note to editor's note: It is believed that the above editors note refers to the use of record-route headers within reliable responses.

Prerequisite A.151/17 - - PRACK response

Prerequisite: A.152/35 - - 484

Table A.249: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Editors Note: IETF#50 Agreed that use of Record-Route inside an Invite transaction should be ignored at the UA. It is anticipated that this will be reflected in future IETF drafts and this table will then need to be updated accordingly

Editor's note to editor's note: It is believed that the above editors note refers to the use of record-route headers within reliable responses.

Prerequisite A.151/17 – PRACK response

Prerequisite: A.152/1 – 100 Trying

Table A.250: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
3	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
4	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
5	From	[20] 24.20	m	m	[20] 24.20	m	m
6	To	[20] 24.41	m	m	[20] 24.41	m	m
7	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.150/9 THEN m ELSE i.						

Prerequisite A.151/17 – PRACK response

Prerequisite: A.152/28 – 420@@@combine

Table A.251: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
13	Server	[20] 24.37	m	m	[20] 24.37	i	i
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	i	i
16	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	User-Agent	[20] 24.43	o		[20] 24.43	o	
19	Via	[20] 24.44	m	m	[20] 24.44	m	m
20	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/17 – PRACK response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/37 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.252: Supported headers within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
13	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

[Prerequisite A.151/17 – PRACK response](#)

Table A.253: Supported message bodies within the PRACK response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.2.4.11 REFER method

Prerequisite A.151/18 – REFER request

Table A.254: Supported headers within the REFER request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
2	Accept-Language	[20] 24.3	o		[20] 24.3	o	
3	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
4	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
5	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
6	Contact	[20] 24.10	o		[20] 24.10	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	c2	c2
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
17	Proxy-Require	[20] 24.29, [28] 3	m	m	[20] 24.29, [28] 3	m	m
18	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
19	Refer-To	[25] 3.3	c3	c3	[25] 3.3	c4	c4
20	Referred-By	[25] 3.3	c3	c3	[25] 3.3	c4	c4
21	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
22	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
23	Require	[20] 24.33, [28] 3	m	m	[20] 24.33, [28] 3	c5	c5
24	Route	[20] 24.35	m	m	[20] 24.35	m	m
25	State	[28] 5.1	o		[28] 5.1	o	
26	Supported	[20] 24.39, [26] 8.1	m	m	[20] 24.39, [26] 8.1	c6	c6
27	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
28	To	[20] 24.41	m	m	[20] 24.41	m	m
29	User-Agent	[20] 24.43	o		[20] 24.43	o	
30	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.3/21 THEN m ELSE i.					
c2:		IF A.150/9 THEN m ELSE i.					
c3:		IF A.150/21 THEN m ELSE n/a.					
c4:		IF A.150/21 THEN i ELSE n/a.					
c5:		IF A.150/11 OR A.150/13 THEN m ELSE i.					
c6:		IF A.150/14 THEN m ELSE i.					
NOTE:		c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.					

[Prerequisite A.151/18 – REFER request](#)

Table A.255: Supported message bodies within the REFER request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/19 – REFER response

Prerequisite: A.152/27 -- "415" Unsupported Media Type

Table A.256: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
17	Server	[20] 24.37	m	m	[20] 24.37	i	i
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	i	i
20	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/19 – REFER response

Prerequisite: A.152/18 -- "405" Method Not Allowed

Table A.257: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	m	m	[20] 24.5	m	m
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/19 – REFER response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 OR A.152/36 - - 3xx or 485
 "Ambiguous"@@@combine

Table A.258: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Contact	[20] 24.10	o		[20] 24.10	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/19 – REFER response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 – 401

Table A.259: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	Expires	[20] 24.19	o		[20] 24.19	o	
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Organization	[20] 24.25	o		[20] 24.25	o	
14	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
24	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/19 – REFER response

Prerequisite: A.152/20 – 407

Table A.260: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	Expires	[20] 24.19	o		[20] 24.19	o	
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Organization	[20] 24.25	o		[20] 24.25	o	
14	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/19 – REFER response

Prerequisite: A.152/7 - - 202

Table A.261: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Contact	[20] 24.10	o		[20] 24.10	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
16	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
17	Server	[20] 24.37	m	m	[20] 24.37	i	i
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	i	i
20	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/19 – REFER response

Prerequisite: A.152/35 – 484@@@combine

Table A.262: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Contact	[20] 24.10	o		[20] 24.10	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

Prerequisite A.151/19 – REFER response

Prerequisite: A.152/1 – 100 Trying

Table A.263: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
3	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
4	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
5	From	[20] 24.20	m	m	[20] 24.20	m	m
6	To	[20] 24.41	m	m	[20] 24.41	m	m
7	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.150/9 THEN m ELSE i.					

Prerequisite A.151/19 – REFER response

Prerequisite: A.152/28 – 420

Table A.264: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Contact	[20] 24.10	o		[20] 24.10	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	Unsupported	[20] 24.42	m	m	[20] 24.42	c3	c3
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c3:	IF A.150/16 THEN m ELSE i.						

Prerequisite A.151/19 – REFER response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/37 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.265: Supported headers within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Contact	[20] 24.10	o		[20] 24.10	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	Expires	[20] 24.19	o		[20] 24.19	o	
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
17	Server	[20] 24.37	m	m	[20] 24.37	i	i
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	i	i
20	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	User-Agent	[20] 24.43	o		[20] 24.43	o	
23	Via	[20] 24.44	m	m	[20] 24.44	m	m
24	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

[Prerequisite A.151/19 – REFER response](#)

Table A.266: Supported message bodies within the REFER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.2.4.12 REGISTER method

Prerequisite A.151/20 – REGISTER request

Table A.267: Supported headers within the REGISTER request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
5	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
6	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
7	Call-Info	[20] 24.9	o		[20] 24.9	o	
8	Contact	[20] 24.10	m		[20] 24.10	m	
9	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
10	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
11	Content-Language	[20] 24.13	o		[20] 24.13	o	
12	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
13	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
14	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
15	Date	[20] 24.17	m	m	[20] 24.17	m	m
16	Expires	[20] 24.19	o		[20] 24.19	o	
17	From	[20] 24.20	m	m	[20] 24.20	m	m
18	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
19	MIME-Version	[20] 24.24	o		[20] 24.24	o	
20	Organization	[20] 24.25	o		[20] 24.25	o	
21	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
22	Proxy-Require	[20] 24.29, [28] 3	m	m	[20] 24.29, [28] 3	m	m
23	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
24	Referred-By	[25] 3.3	c2	c2	[25] 3.3	c3	c3
25	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
26	Require	[20] 24.33, [28] 3	m	m	[20] 24.33, [28] 3	c4	c4
27	Route	[20] 24.35	m	m	[20] 24.35	m	m
28	State	[28] 5.1	o		[28] 5.1	o	
29	Supported	[20] 24.39, [26] 8.1	m	m	[20] 24.39, [26] 8.1	c5	c5
30	Timestamp	[20] 24.40	m	m	[20] 24.40	c6	c6
31	To	[20] 24.41	m	m	[20] 24.41	m	m
32	User-Agent	[20] 24.43	o		[20] 24.43	o	
33	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.3/21 THEN m ELSE i.					
c2:		IF A.150/21 THEN m ELSE n/a.					
c3:		IF A.150/21 THEN i ELSE n/a.					
c4:		IF A.150/11 OR A.150/12 THEN m ELSE i.					
c5:		IF A.150/14 THEN m ELSE i.					
c6:		IF A.150/3 THEN m ELSE i.					
NOTE:		c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.					

[Prerequisite A.151/20 – REGISTER request](#)

Table A.268: Supported message bodies within the REGISTER request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/27 -- "415" Unsupported Media Type

Table A.269: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	m	m	[20] 24.17	m	m
13	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
19	Server	[20] 24.37	m	m	[20] 24.37	i	i
20	State	[28] 5.1	o		[28] 5.1	o	
21	Supported	[20] 24.39	m	m	[20] 24.39	i	i
22	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
23	To	[20] 24.41	m	m	[20] 24.41	m	m
24	User-Agent	[20] 24.43	o		[20] 24.43	o	
25	Via	[20] 24.44	m	m	[20] 24.44	m	m
26	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/11 OR A.150/12 THEN m ELSE i.						
c2:	IF A.150/3 THEN m ELSE i.						

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/18 -- "405" Method Not Allowed

Table A.270: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	m		[20] 24.5	m	
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	m	m
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/11 OR A.150/12 THEN m ELSE i.						
c2:	IF A.150/3 THEN m ELSE i.						

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 OR A.152/36 - - 3xx or 485 "Ambiguous"

Table A.271: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Contact	[20] 24.10	o		[20] 24.10	o	
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	m	m
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/11 OR A.150/12 THEN m ELSE i.						
c2:	IF A.150/3 THEN m ELSE i.						

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/14 – 401

Table A.272: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	m	m
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Record-Route	[20] 24.31		n/a	[20] 24.31		n/a
17	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
26	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.150/11 OR A.150/12 THEN m ELSE i.						
c2:	IF A.150/3 THEN m ELSE i.						

Editor's note: The RFC status for Record-Route has been left empty, because at the moment it is not clear what this status should be.

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/20 – 407

Table A.273: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	m	m
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
17	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/11 OR A.150/12 THEN m ELSE i.						
c2:	IF A.150/3 THEN m ELSE i.						

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/6 – 2xx

Table A.274: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	o		[20] 24.5	o	
3	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Contact	[20] 24.10	o		[20] 24.10	o	
7	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
8	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
9	Content-Language	[20] 24.13	o		[20] 24.13	o	
10	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
11	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
12	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
13	Date	[20] 24.17	m	m	[20] 24.17	m	m
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Record-Route	[20] 24.31		n/a	[20] 24.31		n/a
19	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
20	Server	[20] 24.37	m	m	[20] 24.37	i	i
21	State	[28] 5.1	o		[28] 5.1	o	
22	Supported	[20] 24.39	m	m	[20] 24.39	i	i
23	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
24	To	[20] 24.41	m	m	[20] 24.41	m	m
25	User-Agent	[20] 24.43	o		[20] 24.43	o	
26	Via	[20] 24.44	m	m	[20] 24.44	m	m
27	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/11 OR A.150/12 THEN m ELSE i.						
c2:	IF A.150/3 THEN m ELSE i.						

Editor's note: The RFC status for Record-Route has been left empty, because at the moment it is not clear what this status should be.

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/35 – 484

Table A.275: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	m	m
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Record-Route	[20] 24.31		n/a	[20] 24.31		n/a
17	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c4	c4
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/11 OR A.150/12 THEN m ELSE i.						
c2:	IF A.150/3 THEN m ELSE i.						

Editor's note: The RFC status for Record-Route has been left empty, because at the moment it is not clear what this status should be.

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/1 – 100 Trying

Table A.276: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
3	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
4	Date	[20] 24.17	m	m	[20] 24.17	m	m
5	From	[20] 24.20	m	m	[20] 24.20	m	m
6	To	[20] 24.41	m	m	[20] 24.41	m	m
7	Via	[20] 24.44	m	m	[20] 24.44	m	m

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/28 – 420

Table A.277: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	m	m
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
17	Server	[20] 24.37	m	m	[20] 24.37	i	i
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	i	i
20	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	Unsupported	[20] 24.42	m	m	[20] 24.42	c3	c3
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/11 OR A.150/12 THEN m ELSE i.						
c2:	IF A.150/3 THEN m ELSE i.						
c3:	IF A.150/15 THEN m ELSE i.						

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/37 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.278: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	m	m
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
17	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/11 OR A.150/12 THEN m ELSE i.						
c2:	IF A.150/3 THEN m ELSE i.						

Prerequisite A.151/21 - - REGISTER response

Prerequisite: A.152/30 - - 423

Table A.239a: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o		[20] 24.18	o	
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Min-Expires	[20] 24.23	m	m	[20] 24.23	i	i
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
18	Server	[20] 24.37	o		[20] 24.37	o	
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	c2	c2
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/11 OR A.150/13 THEN m ELSE i.					
c2:		IF A.150/3 THEN m ELSE i.					

[Prerequisite A.151/21 - - REGISTER response](#)

Table A.279: Supported message bodies within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.2.2.4.13 SUBSCRIBE method

Prerequisite A.151/22 - - SUBSCRIBE request

Table A.280: Supported headers within the SUBSCRIBE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Contact	[24] 5.2	o		[24] 5.2	o	
3	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
4	Accept-Language	[20] 24.3	o		[20] 24.3	o	
5	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
6	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
7	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
8	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
9	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
10	Content-Language	[20] 24.13	o		[20] 24.13	o	
11	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
12	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
13	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
14	Date	[20] 24.17	m	m	[20] 24.17	c2	c2
15	Event	[23] 7.5.1	m	m	[23] 7.5.1	m	m
16	Expires	[20] 24.19	m	m	[20] 24.19	i	i
17	From	[20] 24.20	m	m	[20] 24.20	m	m
18	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
19	MIME-Version	[20] 24.24	o		[20] 24.24	o	
20	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
21	Proxy-Require	[20] 24.29, [28] 3	m	m	[20] 24.29, [28] 3	m	m
22	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
23	Referred-By	[25] 3.3	c3	c3	[25] 3.3	c4	c4
24	Reject-Contact	[24] 5.3	o		[24] 5.3	o	
25	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
26	Require	[20] 24.33, [28] 3	m	m	[20] 24.33, [28] 3	c5	c5
27	Route	[20] 24.35	m	m	[20] 24.35	m	m
28	State	[28] 5.1	o		[28] 5.1	o	
29	Supported	[20] 24.39, [26] 8.1	m	m	[20] 24.39, [26] 8.1	c6	c6
30	Timestamp	[20] 24.40	m	m	[20] 24.40	i	i
31	To	[20] 24.41	m	m	[20] 24.41	m	m
32	User-Agent	[20] 24.43	o		[20] 24.43	o	
33	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:	IF A.3/21 THEN m ELSE i.						
c2:	IF A.150/9 THEN m ELSE i.						
c3:	IF A.150/21 THEN m ELSE n/a.						
c4:	IF A.150/21 THEN i ELSE n/a.						
c5:	IF A.150/11 OR A.150/13 THEN m ELSE i.						
c6:	IF A.150/14 THEN m ELSE i.						
NOTE:	c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.						

[Prerequisite A.151/22 -- SUBSCRIBE request](#)

Table A.281: Supported message bodies within the SUBSCRIBE request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/23 -- SUBSCRIBE response

Prerequisite: A.152/27 -- "415" Unsupported Media Type

Table A.282: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
16	Server	[20] 24.37	m	m	[20] 24.37	i	i
17	State	[28] 5.1	o		[28] 5.1	o	
18	Supported	[20] 24.39	m	m	[20] 24.39	i	i
19	Timestamp	[20] 24.40	o		[20] 24.40	o	
20	To	[20] 24.41	m	m	[20] 24.41	m	m
21	User-Agent	[20] 24.43	o		[20] 24.43	o	
22	Via	[20] 24.44	m	m	[20] 24.44	m	m
23	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/23 -- SUBSCRIBE response

Prerequisite: A.152/18 -- "405" Method Not Allowed

Table A.283: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow	[20] 24.5	m		[20] 24.5	m	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/23 - - SUBSCRIBE response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 OR A.152/36 - - 3xx or 485 "Ambiguous"

Table A.284: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Contact	[20] 24.10	o		[20] 24.10	o	
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/23 - - SUBSCRIBE response

Prerequisite: A.152/14 - - 401

Table A.285: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
14	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
15	Server	[20] 24.37	m	m	[20] 24.37	i	i
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	i	i
18	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	User-Agent	[20] 24.43	o		[20] 24.43	o	
21	Via	[20] 24.44	m	m	[20] 24.44	m	m
22	Warning	[20] 24.45	o		[20] 24.45	o	
23	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/23 - - SUBSCRIBE response

Prerequisite: A.152/20 - - 407

Table A.286: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/23 - - SUBSCRIBE response

Prerequisite: A.152/6 AND A.152/7 - - 2xx

Table A.287: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
4	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
5	Content-Language	[20] 24.13	o		[20] 24.13	o	
6	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
7	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
8	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
9	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
10	Expires	[20] 24.19	m	m	[20] 24.19	i	i
11	From	[20] 24.20	m	m	[20] 24.20	m	m
12	MIME-Version	[20] 24.24	o		[20] 24.24	o	
13	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
14	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
15	Server	[20] 24.37	m	m	[20] 24.37	i	i
16	State	[28] 5.1	o		[28] 5.1	o	
17	Supported	[20] 24.39	m	m	[20] 24.39	i	i
18	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
19	To	[20] 24.41	m	m	[20] 24.41	m	m
20	User-Agent	[20] 24.43	o		[20] 24.43	o	
21	Via	[20] 24.44	m	m	[20] 24.44	m	m
22	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/23 - - SUBSCRIBE response

Prerequisite: A.152/35 - - 484

Table A.288: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/23 - - SUBSCRIBE response

Prerequisite: A.152/28 - - 420

Table A.289: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
13	Server	[20] 24.37	m	m	[20] 24.37	i	i
14	State	[28] 5.1	o		[28] 5.1	o	
15	Supported	[20] 24.39	m	m	[20] 24.39	i	i
16	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
17	To	[20] 24.41	m	m	[20] 24.41	m	m
18	Unsupported	[20] 24.42	m	m	[20] 24.42	c3	c3
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/9 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					
c3:		IF A.150/16 THEN m ELSE i.					

Prerequisite A.151/23 - - SUBSCRIBE response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/37 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.290: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
13	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
14	Server	[20] 24.37	m	m	[20] 24.37	i	i
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:	IF A.150/9 THEN m ELSE i.						
c2:	IF A.150/11 OR A.150/13 THEN m ELSE i.						

Prerequisite A.151/23 - - SUBSCRIBE response

Prerequisite: A.152/40 - - 489

Table A.291: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
2	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	c2	c2
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	From	[20] 24.20	m	m	[20] 24.20	m	m
13	MIME-Version	[20] 24.24	o		[20] 24.24	o	
14	Require	[20] 24.33	m	m	[20] 24.33	c3	c3
15	Server	[20] 24.37	m	m	[20] 24.37	i	i
16	State	[28] 5.1	o		[28] 5.1	o	
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.3/21 THEN m ELSE i.					
c2:		IF A.150/9 THEN o ELSE n/a.					
c3:		IF A.150/11 OR A.150/13 THEN m ELSE i.					
NOTE:		c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.					

Prerequisite A.151/23 -- SUBSCRIBE response

Prerequisite: A.152/30 -- 423

Table A. 292: Supported headers within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
3	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
4	Content-Language	[20] 24.13	o		[20] 24.13	o	
5	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
6	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
7	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
8	Date	[20] 24.17	m	m	[20] 24.17	c1	c1
9	Error-Info	[20] 24.18	o		[20] 24.18	o	
10	From	[20] 24.20	m	m	[20] 24.20	m	m
11	MIME-Version	[20] 24.24	o		[20] 24.24	o	
12	Min-Expires	[20] 24.23	m	m	[20] 24.23	i	i
13	Require	[20] 24.33	m	m	[20] 24.33	c2	c2
14	Server	[20] 24.37	o		[20] 24.37	o	
15	State	[28] 5.1	o		[28] 5.1	o	
16	Supported	[20] 24.39	m	m	[20] 24.39	i	i
17	Timestamp	[20] 24.40	i	i	[20] 24.40	i	i
18	To	[20] 24.41	m	m	[20] 24.41	m	m
19	User-Agent	[20] 24.43	o		[20] 24.43	o	
20	Via	[20] 24.44	m	m	[20] 24.44	m	m
21	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/3 THEN m ELSE i.					
c2:		IF A.150/11 OR A.150/13 THEN m ELSE i.					

[Prerequisite A.151/23 -- SUBSCRIBE response](#)

Table A.293: Supported message bodies within the SUBSCRIBE response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

A.3 Profile definition for the Session Description Protocol as used in the present document

A.3.1 Introduction

Void.

A.3.2 User agent role

This subclause contains the ICS proforma tables related to the user role. They need to be completed only for UA implementations.

Prerequisite: A.2/1 -- user agent role

A.3.2.1 Major capabilities

Table A.294: Major capabilities

Item	Does the implementation support	Reference	RFC status	Profile status
	Capabilities within main protocol			
	Extensions			
22	Integration of resource management and SIP?	[22]	o	m

A.3.2.2 SDP types

Table A.295: SDP types

Item	Type	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
Session level description							
1	v= (protocol version)	[30] 6	m	m	[30] 6	m	m
2	o= (owner/creator and session identifier)	[30] 6	m	m	[30] 6	m	m
3	s= (session name)	[30] 6	m	m	[30] 6	m	m
4	i= (session information)	[30] 6	o		[30] 6		
5	u= (URI of description)	[30] 6	o		[30] 6		
6	e= (email address)	[30] 6	o		[30] 6		
7	p= (phone number)	[30] 6	o		[30] 6		
8	c= (connection information)	[30] 6	o		[30] 6		
9	b= (bandwidth information)	[30] 6	o		[30] 6		
Time description (one or more per description)							
10	t= (time the session is active)	[30] 6	m	m	[30] 6	m	m
11	r= (zero or more repeat times)	[30] 6	o		[30] 6		
Session level description (continued)							
12	z= (time zone adjustments)	[30] 6	o		[30] 6		
13	k= (encryption key)	[30] 6	o		[30] 6		
14	a= (zero or more session attribute lines)	[30] 6	o		[30] 6		
Media description (zero or more per description)							
15	m= (media name and transport address)	[30] 6	o	o	[30] 6	m	m
16	i= (media title)	[30] 6	o		[30] 6		
17	c= (connection information)	[30] 6	c1	c1	[30] 6		
18	b= (bandwidth information)	[30] 6	o		[30] 6		
19	k= (encryption key)	[30] 6	o		[30] 6		
20	a= (zero or more media attribute lines)	[30] 6	o		[30] 6		
c1:	IF A.295/15 THEN m ELSE n/a.						

Prerequisite A.295/14 OR A.295/20 - - a= (zero or more session/media attribute lines)

Table A.296: zero or more session / media attribute lines (a=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	category (a=cat)	[30] 6			[30] 6		
2	keywords (a=keywds)	[30] 6			[30] 6		
3	name and version of tool (a=tool)	[30] 6			[30] 6		
4	packet time (a=ptime)	[30] 6			[30] 6		
5	maximum packet time (a=maxptime)	[30] 6			[30] 6		
6	receive-only mode (a=recvonly)	[30] 6			[30] 6		
7	send and receive mode (a=sendrecv)	[30] 6			[30] 6		
8	send-only mode (a=sendonly)	[30] 6			[30] 6		
9	whiteboard orientation (a=orient)	[30] 6			[30] 6		
10	conference type (a=type)	[30] 6			[30] 6		
11	character set (a=charset)	[30] 6			[30] 6		
12	language tag (a=sdplang)	[30] 6			[30] 6		
13	language tag (a=lang)	[30] 6			[30] 6		
14	frame rate (a=framerate)	[30] 6			[30] 6		
15	quality (a=quality)	[30] 6			[30] 6		
16	format specific parameters (a=fmtp)	[30] 6			[30] 6		
17	rtpmap attribute (a=rtpmap)	[30] 6			[30] 6		
18	qos-attribute (a=qos)	[22] 5	c1	c1	[22] 5	c2	c2
c1:		IF A.294/22 THEN o ELSE n/a.					
c2:		IF A.294/22 THEN m ELSE n/a.					

A.3.2.3 SDP types parameters

Prerequisite A.295/2 - - o= (owner/creator and session identifier)

Table A.297: owner/creator and session identifier type (o=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	username	[30] 6	m	m	[30] 6	m	m
2	session id	[30] 6	m	m	[30] 6	m	m
3	version	[30] 6	m	m	[30] 6	m	m
4	network type	[30] 6	m	m	[30] 6	m	m
5	address type	[30] 6	m	m	[30] 6	m	m
6	address	[30] 6	m	m	[30] 6	m	m

Prerequisite A.295/10 - - t= (time the session is active)

Table A.298: time the session is active type (b=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	start time	[30] 6			[30] 6		
2	stop time	[30] 6			[30] 6		

Prerequisite A.295/11 - - r= (zero or more repeat times)

Table A.299: zero or more repeat times (r=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	repeat interval	[30] 6			[30] 6		
2	active duration	[30] 6			[30] 6		
3	list of offsets from start-time	[30] 6			[30] 6		

Prerequisite A.295/12 - - z= (time zone adjustments)

Table A.300: time zone adjustments type (z=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	adjustment time	[30] 6			[30] 6		
2	offset	[30] 6			[30] 6		
3	adjustment time	[30] 6			[30] 6		
4	offset	[30] 6			[30] 6		

Prerequisite A.295/13 - - k= (encryption key)

Table A.301: encryption key type (k=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	method	[30] 6			[30] 6		
2	encryption key	[30] 6			[30] 6		

Prerequisite A.295/15 - - m= (media name and transport address)

Table A.302: media name and transport address type (m=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	media - ``audio" - ``video" - ``application" - ``data" - ``control"	[30] 6			[30] 6		
2	port	[30] 6			[30] 6		
3	transport	[30] 6			[30] 6		
4	fmt list	[30] 6			[v] 6		

Editor's note: It is expected that this table will be expanded, as this is the principle table that will distinguish operation of different entities within the IM CN subsystem.

Prerequisite A.295/17 - - c= (connection information)

Table A.303: connection type (c=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	network type	[30] 6			[30] 6		
2	address type	[30] 6			[30] 6		
3	connection address	[30] 6			[30] 6		

Prerequisite A.295/18 - - b= (bandwidth information)

Table A.304: bandwidth information (b=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	modifier	[30] 6			[30] 6		
2	bandwidth-value	[30] 6			[30] 6		

A.3.3 Proxy role

This subclause contains the ICS proforma tables related to the user role. They need to be completed only for proxy implementations.

Prerequisite: A.2/2 -- proxy role

A.3.3.1 Major capabilities

Table A.305: Major capabilities

Item	Does the implementation support	Reference	RFC status	Profile status
	Capabilities within main protocol			
	Extensions			
1	Integration of resource management and SIP?	[22]	o	m

A.3.3.2 SDP types

Table A.306: SDP types

Item	Type	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
Session level description							
1	v= (protocol version)	[30] 6	m	m	[30] 6	m	m
2	o= (owner/creator and session identifier).	[30] 6	m	m	[30] 6	i	i
3	s= (session name)	[30] 6	m	m	[30] 6	i	i
4	i= (session information)	[30] 6	m	m	[30] 6	i	i
5	u= (URI of description)	[30] 6	m	m	[30] 6	i	i
6	e= (email address)	[30] 6	m	m	[30] 6	i	i
7	p= (phone number)	[30] 6	m	m	[30] 6	i	i
8	c= (connection information)	[30] 6	m	m	[30] 6	i	i
9	b= (bandwidth information)	[30] 6	m	m	[30] 6	i	i
Time description (one or more per description)							
10	t= (time the session is active)	[30] 6	m	m	[30] 6	i	i
11	r= (zero or more repeat times)	[30] 6	m	m	[30] 6	i	i
Session level description (continued)							
12	z= (time zone adjustments)	[30] 6	m	m	[30] 6	i	i
13	k= (encryption key)	[30] 6	m	m	[30] 6	i	i
14	a= (zero or more session attribute lines)	[30] 6	m	m	[30] 6	i	i
Media description (zero or more per description)							
15	m= (media name and transport address)	[30] 6	m	m	[30] 6	m	m
16	i= (media title)	[30] 6	o		[30] 6		
17	c= (connection information)	[30] 6	o		[30] 6		
18	b= (bandwidth information)	[30] 6	o		[30] 6		
19	k= (encryption key)	[30] 6	o		[30] 6		
20	a= (zero or more media attribute lines)	[30] 6	o		[30] 6		

Prerequisite A.306/14 OR A.306/20 - - a= (zero or more session/media attribute lines)

Table A.307: zero or more session / media attribute lines (a=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	category (a=cat)	[30] 6			[30] 6		
2	keywords (a=keywds)	[30] 6			[30] 6		
3	name and version of tool (a=tool)	[30] 6			[30] 6		
4	packet time (a=ptime)	[30] 6			[30] 6		
5	maximum packet time (a=maxptime)	[30] 6			[30] 6		
6	receive-only mode (a=recvonly)	[30] 6			[30] 6		
7	send and receive mode (a=sendrecv)	[30] 6			[30] 6		
8	send-only mode (a=sendonly)	[30] 6			[30] 6		
9	whiteboard orientation (a=orient)	[30] 6			[30] 6		
10	conference type (a=type)	[30] 6			[30] 6		
11	character set (a=charset)	[30] 6			[30] 6		
12	language tag (a=sdplang)	[30] 6			[30] 6		
13	language tag (a=lang)	[30] 6			[30] 6		
14	frame rate (a=framerate)	[30] 6			[30] 6		
15	quality (a=quality)	[30] 6			[30] 6		
16	format specific parameters (a=fmtp)	[30] 6			[30] 6		
17	rtpmap attribute (a=rtpmap)	[30] 6			[30] 6		
18	qos-attribute (a=qos)	[22] 5	m	m	[22] 5	c2	c2
c2:	IF A.305/1 THEN m ELSE i.						

A.3.2.3 SDP types parameters

Prerequisite A.306/2 - - o= (owner/creator and session identifier)

Table A.308: owner/creator and session identifier type (o=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	username	[30] 6	m	m	[30] 6	m	m
2	session id	[30] 6	m	m	[30] 6	m	m
3	version	[30] 6	m	m	[30] 6	m	m
4	network type	[30] 6	m	m	[30] 6	m	m
5	address type	[30] 6	m	m	[30] 6	m	m
6	address	[30] 6	m	m	[30] 6	m	m

Prerequisite A.306/10 - - t= (time the session is active)

Table A.309: time the session is active type (b=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	start time	[30] 6			[30] 6		
2	stop time	[30] 6			[30] 6		

Prerequisite A.306/11 - - r= (zero or more repeat times)

Table A.310: zero or more repeat times (r=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	repeat interval	[30] 6			[30] 6		
2	active duration	[30] 6			[30] 6		
3	list of offsets from start-time	[30] 6			[30] 6		

Prerequisite A.306/12 - - z= (time zone adjustments)

Table A.311: time zone adjustments type (z=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	adjustment time	[30] 6			[30] 6		
2	offset	[30] 6			[30] 6		
3	adjustment time	[30] 6			[30] 6		
4	offset	[30] 6			[30] 6		

Prerequisite A.306/13 - - k= (encryption key)

Table A.312: encryption key type (k=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	method	[30] 6			[30] 6		
2	encryption key	[30] 6			[30] 6		

Prerequisite A.306/15 - - m= (media name and transport address)

Table A.313: media name and transport address type (m=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	media - ``audio" - ``video" - ``application" - ``data" - ``control"	[30] 6			[30] 6		
2	port	[30] 6			[30] 6		
3	transport	[30] 6			[30] 6		
4	fmt list	[30] 6			[30] 6		

Editor's note: It is expected that this table will be expanded, as this is the principle table that will distinguish operation of different entities within the IM CN subsystem.

Prerequisite A.306/17 - - c= (connection information)

Table A.314: connection type (c=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	network type	[30] 6			[30] 6		
2	address type	[30] 6			[30] 6		
3	connection address	[30] 6			[30] 6		

Prerequisite A.306/18 - - b= (bandwidth information)

Table A.315: bandwidth information (b=)

Item	Field	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	modifier	[30] 6			[30] 6		
2	bandwidth-value	[30] 6			[30] 6		

A.4 Profile definition for other message bodies as used in the present document

Void.

was N1-021002

was N1-020851

CR-Form-v5

CHANGE REQUEST

⌘ **24.229 CR 058** ⌘ rev **2** ⌘ Current version: **5.0.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Representing the registrar as a UA		
Source:	⌘ Lucent Technologies		
Work item code:	⌘ IMS-CCR	Date:	⌘ 18/04/02
Category:	⌘ F	Release:	⌘ Rel-5
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ Currently in the profile tables, the registrar functionality is represented as being part of the proxy functionality. It is more correctly described as UA functionality.
Summary of change:	⌘ This CR changes the profile tables to represent the registrar functionality as part of the UA role, and then updates the main part of the specification to reference that role. In addition, other functional entities (AS) now also provide registrar type functionality. The proxy behaviour for timestamping in the REGISTER method is therefore modified as this was dependent on the proxy providing the registrar functionality (note that this timestamping functionality has also changed in the SIP RFC and therefore it has not been added to the UA role).
Consequences if not approved:	⌘ Correct representation of the registrar functionality becomes more complex.

Clauses affected:	⌘ 4.1, 5.4.1.1, A.2.1.2, A.2.2.2, A.2.2.4.12		
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘ This CR is dependent on CR 054 for its representation. If CR 054 is not approved, then an alternative informal mechanism for representing the same information will be required. Revision 1 created to remove dependency on CR047. Modifications to CR047 are therefore needed in the Timestamp header.		

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

FIRST PROPOSED CHANGE

4.1 Conformance of IM CN subsystem entities to SIP

SIP defines a number of roles which entities can implement in order to support capabilities. These roles are defined in annex A.

Each IM CN subsystem functional entity using an interface at the Gm reference point, the Mg reference point, the Mi reference point, the Mj reference point, the Mk reference point, the Mm reference point, the Mr reference point and the Mw reference point, and also using the IP multimedia Subsystem Service Control (ISC) Interface, shall implement SIP, as defined by the referenced specifications in Annex A, and in accordance with the constraints and provisions specified in annex A, according to the following roles.

The Gm reference point, the Mg reference point, the Mi reference point, the Mj reference point, the Mk reference point, the Mm reference point and the Mw reference point are defined in 3GPP TS 23.002 [2]

The Mr reference point is defined in 3GPP TS 23.228 [7].

The ISC interface is defined in 3GPP TS 23.228 [7] subclause 4.2.4.

- The User Equipment (UE) shall provide the User Agent (UA) role with the exceptions and additional capabilities as described in subclause 5.1.
- The P-CSCF shall provide the proxy role, with the exceptions and additional capabilities as described in subclause 5.2. When acting as the subscriber to or the recipient of event information, the P-CSCF shall provide the UA role, again with the exceptions and additional capabilities as described in subclause 5.2.
- The I-CSCF shall provide the proxy role, with the exceptions and additional capabilities as described in subclause 5.3.
- The S-CSCF shall provide the proxy role, with the exceptions and additional capabilities as described in subclause 5.4. Under certain circumstances as described in subclause 5.4, the S-CSCF shall provide the UA role with the additional capabilities as described in subclause 5.4, as follows:-
 - a) The S-CSCF shall also act as a registrar, with the exceptions and additional capabilities as described in subclause 5.4. When acting as a registrar, or for the purposes of executing a third-party registration, the S-CSCF shall provide the UA role:-
 - b) However, as the notifier of event information the S-CSCF shall provide the UA role, again with the exceptions and additional capabilities as described in subclause 5.4, and
 - c) when performing S-CSCF initiated clearing release the S-CSCF shall provide the UA role, even when acting as a proxy for the remainder of the dialog.
- The BGCF shall provide the proxy role, with the exceptions and additional capabilities as described in subclause 5.5.
- The MGCF shall provide the UA role, with the exceptions and additional capabilities as described in subclause 5.6.
- The AS, acting as terminating UA, or redirect server (as defined in 3GPP TS 23.218 [5]), shall provide the UA role, with the exceptions and additional capabilities as described in subclause 5.7.2.
- The AS, acting as originating UA (as defined in 3GPP TS 23.218 [5]), shall provide the UA role, with the exceptions and additional capabilities as described in subclause 5.7.3.
- The AS, acting as a SIP proxy (as defined in 3GPP TS 23.218 [5]), shall provide the proxy role, with the exceptions and additional capabilities as described in subclause 5.7.4.
- The AS, performing 3rd party call control (as defined in 3GPP TS 23.218 [5]), shall provide the UA role, with the exceptions and additional capabilities as described in subclause 5.7.5.

- The AS, receiving third-party registration requests, shall provide the UA role, with the exceptions and additional capabilities as described in subclause 5.7.
- The MRFC shall provide the UA role, with the exceptions and additional capabilities as described in subclause 5.8.

SECOND PROPOSED CHANGE

5.4.1.1 Introduction

The S-CSCF shall act as the SIP registrar for all UAs of the IM CN subsystem with public user identities, ~~(see table A.150/2 and other capabilities in annex A dependent on that major capability).~~

The S-CSCF shall support the use of the Path header. The S-CSCF must also support the Require and Proxy-Require headers. The Path header is only applicable to the REGISTER request and its 200-OK response.

The network operator defines minimum and maximum times for each registration. These values are provided within the S-CSCF.

The procedures for notification concerning automatically registered public user identities of a user are described in subclause 5.4.2.1.2.

THIRD PROPOSED CHANGE

A.2.1.2 Major capabilities

Table A.3: Major capabilities

Item	Does the implementation support	Reference	RFC status	Profile status
Capabilities within main protocol				
1	client behaviour for registration?	[20]	m	m c3
2	server behaviour for registration?	[20]	n/a	n/a
3	registrar?	[20]	n/a	n/a
4	client behaviour for session requests?	[20]	m	o
5	server behaviour for session requests?	[20]	m	o
6	session release?	[20]	m	c1
7	timestamping of requests?	[20]	o	o
8	authentication between UA and UA?	[20] subclause 22.4	o	o
9	authentication between UA and registrar?	[20] subclause 22.4	o	n/a
10	insertion of date in requests and responses?	[20] subclause 24.17	o	o
11	downloading of alerting information?	[20] subclause 22.4	o	o
Extensions				
12	The SIP INFO method?	[19]	o	n/a
13	Reliability of provisional responses in SIP?	[21]	o	m
14	SIP caller preferences and callee capabilities?	[24]	o	o
15	the REFER method?	[25]	o	o
16	The SIP session timer?	[26]	o	o
17	Integration of resource management and SIP?	[22]	o	m
18	SIP extensions for caller identity and privacy?	[27]	o	m
19	SIP extensions for supporting distributed call state?	[28]	o	o
20	SIP extensions for media authorization?	[29]	o	m
21	SIP specific event notification	[23]	o	o
22	acting as the notifier of event information	[23]	c2	c2
23	acting as the recipient of event information	[23]	c2	c2
c1: IF A.3/4 OR A.3/5 THEN m ELSE o. c2: IF A.3/21 THEN o.1 ELSE n/a. c3: <u>IF A.2A/1 OR A.2A/4 THEN m ELSE n/a - - UA or S-CSCF functional entity.</u> c4: <u>IF A.2A/4 OR A.2A/7 THEN m ELSE n/a - - S-CSCF or AS functional entity.</u> o.1: At least one of these capabilities is supported.				

FOURTH PROPOSED CHANGE

A.2.2.2 Major capabilities

Table A.150: Major capabilities

Item	Does the implementation support	Reference	RFC status	Profile status
Capabilities within main protocol				
1	client behaviour for registration?	[20]	m	m
2	server behaviour for registration?	[20]	m	m
3	registrar?	[20]	e	
4	client behaviour for session requests?	[20]	m	m
5	server behaviour for session requests?	[20]	m	m
6	session release?	[20]	m	m
7	Stateless proxy behaviour?	[20]	o.1	
8	Stateful proxy behaviour?	[20]	o.1	
9	insertion of date in requests and responses	[20] 24.17	o	o
10	suppression or modification of alerting information data	[20] 22.4	o	o
11	reading the contents of the Require header before proxying the request or response	[20] 24.33	o	o
12	adding or modifying the contents of the Require header before proxying the REGISTER request or response	[20] 24.33	o	m
13	adding or modifying the contents of the Require header before proxying the request or response for methods other than REGISTER	[20] 24.33	o	o
14	reading the contents of the Supported header before proxying the response	[20] 24.39	o	o
15	reading the contents of the Unsupported header before proxying the 420 response to a REGISTER	[20] 24.42	o	m
16	reading the contents of the Unsupported header before proxying the 420 response to a method other than REGISTER	[20] 24.42	o	o
17	the inclusion of the Error-Info header in 3xx - 6xx responses	[20] 24.42	o	o
Extensions				
18	The SIP INFO method?	[19]	o	o
19	Reliability of provisional responses in SIP?	[21]	o	m
20	SIP caller preferences and callee capabilities?	[24]	o	o
21	the REFER method?	[25]	o	o
22	The SIP session timer?	[26]	o	o
23	Integration of resource management and SIP?	[22]	o	m
24	SIP extensions for caller identity and privacy?	[27]	o	m
25	SIP extensions for supporting distributed call state?	[28]	o	o
26	SIP extensions for media authorization?	[29]	o	m
27	SIP specific event notification	[23]	o	o
o.1:	It is mandatory to support at least one of these items.			

FIFTH PROPOSED CHANGE

A.2.2.4.12 REGISTER method

Prerequisite A.151/20 – REGISTER request

Table A.267: Supported headers within the REGISTER request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Allow-Events	[23] 7.5.2	m	m	[23] 7.5.2	c1	c1
5	Authorization	[20] 24.7	m	m	[20] 24.7	i	i
6	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
7	Call-Info	[20] 24.9	o		[20] 24.9	o	
8	Contact	[20] 24.10	m		[20] 24.10	m	
9	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
10	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
11	Content-Language	[20] 24.13	o		[20] 24.13	o	
12	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
13	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
14	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
15	Date	[20] 24.17	m	m	[20] 24.17	m	m
16	Expires	[20] 24.19	o		[20] 24.19	o	
17	From	[20] 24.20	m	m	[20] 24.20	m	m
18	Max-Forwards	[20] 24.22	m	m	[20] 24.22	m	m
19	MIME-Version	[20] 24.24	o		[20] 24.24	o	
20	Organization	[20] 24.25	o		[20] 24.25	o	
21	Proxy-Authorization	[20] 24.28	o		[20] 24.28	o	
22	Proxy-Require	[20] 24.29, [28] 3	m	m	[20] 24.29, [28] 3	m	m
23	Record-Route	[20] 24.31	m	m	[20] 24.31	m	m
24	Referred-By	[25] 3.3	c2	c2	[25] 3.3	c3	c3
25	Request-Disposition	[24] 5.5	o		[24] 5.5	o	
26	Require	[20] 24.33, [28] 3	m	m	[20] 24.33, [28] 3	c4	c4
27	Route	[20] 24.35	m	m	[20] 24.35	m	m
28	State	[28] 5.1	o		[28] 5.1	o	
29	Supported	[20] 24.39, [26] 8.1	m	m	[20] 24.39, [26] 8.1	c5	c5
30	Timestamp	[20] 24.40	m	m	[20] 24.40	e6j	e6j
31	To	[20] 24.41	m	m	[20] 24.41	m	m
32	User-Agent	[20] 24.43	o		[20] 24.43	o	
33	Via	[20] 24.44	m	m	[20] 24.44	m	m
c1:		IF A.3/21 THEN m ELSE i.					
c2:		IF A.150/21 THEN m ELSE n/a.					
c3:		IF A.150/21 THEN i ELSE n/a.					
c4:		IF A.150/11 OR A.150/12 THEN m ELSE i.					
c5:		IF A.150/14 THEN m ELSE i.					
e6:		IF A.150/3 THEN m ELSE i.					
NOTE:	c1 refers to the UA role major capability as this is the case of a proxy that also acts as a UA specifically for SUBSCRIBE and NOTIFY.						

Table A.268: Supported message bodies within the REGISTER request

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/27 -- "415" Unsupported Media Type

Table A.269: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Accept-Encoding	[20] 24.2	o		[20] 24.2	o	
3	Accept-Language	[20] 24.3	o		[20] 24.3	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
7	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
8	Content-Language	[20] 24.13	o		[20] 24.13	o	
9	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
10	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
11	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
12	Date	[20] 24.17	m	m	[20] 24.17	m	m
13	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
19	Server	[20] 24.37	m	m	[20] 24.37	i	i
20	State	[28] 5.1	o		[28] 5.1	o	
21	Supported	[20] 24.39	m	m	[20] 24.39	i	i
22	Timestamp	[20] 24.40	m	m	[20] 24.40	e2i	e2i
23	To	[20] 24.41	m	m	[20] 24.41	m	m
24	User-Agent	[20] 24.43	o		[20] 24.43	o	
25	Via	[20] 24.44	m	m	[20] 24.44	m	m
26	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/11 OR A.150/12 THEN m ELSE i.					
e2:		IF A.150/3 THEN m ELSE i.					

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/18 -- "405" Method Not Allowed

Table A.270: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	m		[20] 24.5	m	
3	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
4	Call-Info	[20] 24.9	o		[20] 24.9	o	
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	m	m
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	e2i	e2i
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/11 OR A.150/12 THEN m ELSE i.					
e2:		IF A.150/3 THEN m ELSE i.					

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/8 OR A.152/9 OR A.152/10 OR A.152/11 OR A.152/12 OR A.152/36 - - 3xx or 485 "Ambiguous"

Table A.271: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Contact	[20] 24.10	o		[20] 24.10	o	
5	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
6	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
7	Content-Language	[20] 24.13	o		[20] 24.13	o	
8	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
9	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
10	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
11	Date	[20] 24.17	m	m	[20] 24.17	m	m
12	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
13	Expires	[20] 24.19	o		[20] 24.19	o	
14	From	[20] 24.20	m	m	[20] 24.20	m	m
15	Organization	[20] 24.25	o		[20] 24.25	o	
16	MIME-Version	[20] 24.24	o		[20] 24.24	o	
17	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	e2i	e2i
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/11 OR A.150/12 THEN m ELSE i.					
e2:		IF A.150/3 THEN m ELSE i.					

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/14 – 401

Table A.272: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	m	m
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Record-Route	[20] 24.31		n/a	[20] 24.31		n/a
17	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	e2i	e2i
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
26	WWW-Authenticate	[20] 24.46	o		[20] 24.46	o	
c1:		IF A.150/11 OR A.150/12 THEN m ELSE i.					
e2:		IF A.150/3 THEN m ELSE i.					

Editor's note: The RFC status for Record-Route has been left empty, because at the moment it is not clear what this status should be.

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/20 – 407

Table A.273: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	m	m
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Proxy-Authenticate	[20] 24.27	o		[20] 24.27	o	
17	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	e2i	e2i
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/11 OR A.150/12 THEN m ELSE i.					
e2:		IF A.150/3 THEN m ELSE i.					

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/6 – 2xx

Table A.274: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Allow	[20] 24.5	o		[20] 24.5	o	
3	Authentication-Info	[20] 24.6	o		[20] 24.6	o	
4	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
5	Call-Info	[20] 24.9	o		[20] 24.9	o	
6	Contact	[20] 24.10	o		[20] 24.10	o	
7	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
8	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
9	Content-Language	[20] 24.13	o		[20] 24.13	o	
10	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
11	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
12	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
13	Date	[20] 24.17	m	m	[20] 24.17	m	m
14	Expires	[20] 24.19	o		[20] 24.19	o	
15	From	[20] 24.20	m	m	[20] 24.20	m	m
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	MIME-Version	[20] 24.24	o		[20] 24.24	o	
18	Record-Route	[20] 24.31		n/a	[20] 24.31		n/a
19	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
20	Server	[20] 24.37	m	m	[20] 24.37	i	i
21	State	[28] 5.1	o		[28] 5.1	o	
22	Supported	[20] 24.39	m	m	[20] 24.39	i	i
23	Timestamp	[20] 24.40	m	m	[20] 24.40	e2i	e2i
24	To	[20] 24.41	m	m	[20] 24.41	m	m
25	User-Agent	[20] 24.43	o		[20] 24.43	o	
26	Via	[20] 24.44	m	m	[20] 24.44	m	m
27	Warning	[20] 24.45	o		[20] 24.45	o	
c1: IF A.150/11 OR A.150/12 THEN m ELSE i.							
e2: IF A.150/3 THEN m ELSE i.							

Editor's note: The RFC status for Record-Route has been left empty, because at the moment it is not clear what this status should be.

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/35 – 484

Table A.275: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	m	m
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Record-Route	[20] 24.31		n/a	[20] 24.31		n/a
17	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	e4i	e4i
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/11 OR A.150/12 THEN m ELSE i.					
e2:		IF A.150/3 THEN m ELSE i.					

Editor's note: The RFC status for Record-Route has been left empty, because at the moment it is not clear what this status should be.

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/1 – 100 Trying

Table A.276: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
2	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
3	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
4	Date	[20] 24.17	m	m	[20] 24.17	m	m
5	From	[20] 24.20	m	m	[20] 24.20	m	m
6	To	[20] 24.41	m	m	[20] 24.41	m	m
7	Via	[20] 24.44	m	m	[20] 24.44	m	m

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/28 – 420

Table A.277: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	m	m
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
17	Server	[20] 24.37	m	m	[20] 24.37	i	i
18	State	[28] 5.1	o		[28] 5.1	o	
19	Supported	[20] 24.39	m	m	[20] 24.39	i	i
20	Timestamp	[20] 24.40	m	m	[20] 24.40	e2 i	e2 i
21	To	[20] 24.41	m	m	[20] 24.41	m	m
22	Unsupported	[20] 24.42	m	m	[20] 24.42	c3	c3
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/11 OR A.150/12 THEN m ELSE i.					
e2:		IF A.150/3 THEN m ELSE i.					
c3:		IF A.150/15 THEN m ELSE i.					

Prerequisite A.151/21 – REGISTER response

Prerequisite: A.152/17 OR A.152/25 OR A.152/31 OR A.152/37 OR A.152/41 OR A.152/44 OR A.152/48 OR A.152/49 - - 404, 413, 480, 486, 500, 503, 600, 603

Table A.278: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	m	m
11	Error-Info	[20] 24.18	m	m	[20] 24.18	i	i
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	Organization	[20] 24.25	o		[20] 24.25	o	
15	MIME-Version	[20] 24.24	o		[20] 24.24	o	
16	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
17	Retry-After	[20] 24.34	m	m	[20] 24.34	i	i
18	Server	[20] 24.37	m	m	[20] 24.37	i	i
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	e2i	e2i
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/11 OR A.150/12 THEN m ELSE i.					
e2:		IF A.150/3 THEN m ELSE i.					

Prerequisite A.151/21 - - REGISTER response

Prerequisite: A.152/30 - - 423

Table A.239a: Supported headers within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1	Accept	[20] 24.1	o		[20] 24.1	o	
2	Call-ID	[20] 24.8	m	m	[20] 24.8	m	m
3	Call-Info	[20] 24.9	o		[20] 24.9	o	
4	Content-Disposition	[20] 24.11	o		[20] 24.11	o	
5	Content-Encoding	[20] 24.12	o		[20] 24.12	o	
6	Content-Language	[20] 24.13	o		[20] 24.13	o	
7	Content-Length	[20] 24.14	m	m	[20] 24.14	m	m
8	Content-Type	[20] 24.15	m	m	[20] 24.15	m	m
9	Cseq	[20] 24.16	m	m	[20] 24.16	m	m
10	Date	[20] 24.17	m	m	[20] 24.17	m	m
11	Error-Info	[20] 24.18	o		[20] 24.18	o	
12	Expires	[20] 24.19	o		[20] 24.19	o	
13	From	[20] 24.20	m	m	[20] 24.20	m	m
14	MIME-Version	[20] 24.24	o		[20] 24.24	o	
15	Min-Expires	[20] 24.23	m	m	[20] 24.23	i	i
16	Organization	[20] 24.25	o		[20] 24.25	o	
17	Require	[20] 24.33	m	m	[20] 24.33	c1	c1
18	Server	[20] 24.37	o		[20] 24.37	o	
19	State	[28] 5.1	o		[28] 5.1	o	
20	Supported	[20] 24.39	m	m	[20] 24.39	i	i
21	Timestamp	[20] 24.40	m	m	[20] 24.40	e2i	e2i
22	To	[20] 24.41	m	m	[20] 24.41	m	m
23	User-Agent	[20] 24.43	o		[20] 24.43	o	
24	Via	[20] 24.44	m	m	[20] 24.44	m	m
25	Warning	[20] 24.45	o		[20] 24.45	o	
c1:		IF A.150/11 OR A.150/13 THEN m ELSE i.					
e2:		IF A.150/3 THEN m ELSE i.					

Table A.279: Supported message bodies within the REGISTER response

Item	Header	Sending			Receiving		
		Ref.	RFC status	Profile status	Ref.	RFC status	Profile status
1							

CR-Form-v5

CHANGE REQUEST

⌘ **24.008 CR 059** ⌘ rev **-** ⌘ Current version: **5.0.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Additional definitions		
Source:	⌘ Lucent Technologies		
Work item code:	⌘ IMS-CCR	Date:	⌘ 03/04/02
Category:	⌘ D	Release:	⌘ Rel-5
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)	

Reason for change:	⌘ Terms used in text not reflected in definitions clause.
Summary of change:	⌘ New terms defined (filter criteria, initial filter criteria) by reference to 23.218.
Consequences if not approved:	⌘ Readership confusion.

Clauses affected:	⌘ 3.1		
Other specs affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘		

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply.

Header:

Editor's note: To be provided.

Option-tag: unique identifiers used to designate new options in SIP
These tags are used in Require, Supported and Unsupported header fields.

Editor's note: Text extracted from RFC2543bis, but not specified as a definition.

Redirect server: a server that accepts a SIP request, maps the address into zero or more new addresses and returns these addresses to the client

Unlike a proxy server, it does not initiate its own SIP request. Unlike a user agent server, it does not accept calls.

Editor's note: Previous version of this definition was in the bis draft, but has now been removed. Requires further study as to whether there is a more preferred term.

Status-code: a 3-digit integer result code that indicates the outcome of the attempt to understand and satisfy the request

Editor's note: Text extracted from RFC2543bis, but not specified as a definition.

For the purposes of the present document, the following terms and definitions given in RFC 2543bis [20] (*Editor's note – working title*) apply.

Client
Dialog
Method
Proxy, proxy server
Registrar
Server
Session
(SIP) transaction
Stateful proxy
Stateless proxy
User agent client (UAC)
User agent server (UAS)
User agent (UA)

For the purposes of the present document, the following terms and definitions given in 3GPP TS 23.002 [2] subclause 4a.7 apply:

Breakout Gateway Control Function (BGCF)
Call Session Control Function (CSCF)
Media Gateway Control Function (MGCF)
Media Resource Function Controller (MRFC)

For the purposes of the present document, the following terms and definitions given in 3GPP TS 23.218 [5] subclause 3.1 apply:

Filter criteria
Initial filter criteria

For the purposes of the present document, the following terms and definitions given in 3GPP TS 23.228 [7] subclause 4.3.3.1 and subclause 4.6 apply:

Interrogating-CSCF (I-CSCF)
Private user identity
Proxy-CSCF (P-CSCF)
Public user identity

Serving-CSCF (S-CSCF)

For the purposes of the present document, the following terms and definitions given in 3GPP TR 21.905 [1] apply:

User Equipment (UE)