

Source: CN Chair
Title: REPORT - IETF Status
Agenda item: 8.1
Document for: INFORMATION

1. Executive Summary

One Rel 5 SIP draft still not completed (3pcc). This is a minor dependency and could be removed if necessary.

Various document splits and restructuring of documents as work matures has caused some old dependencies to be dropped. Additional potential dependencies added related to Ipv4/Ipv6 interworking, transcoding, AMR-WB+ transport etc. Total Release 6 dependencies now at 82.

Highest risk areas are:

- AAA (Diameter Credit Control, Diameter Multimedia Application)
- EAP (WLAN Network Discovery and Selection)
- SIMPLE/SIP/SIPPING/XCON (Filtering, Conference Control, Presence Publication, Whispering, Emergency Calls)

Most IETF drafts on target for August 2004 timeline.

IETF investigating changes to their working procedures to improve efficiency.

IANA allocations very, very slow.

2. Statistics

Drafts being tracked:

Release 4: 2

Release 5: 45

Release 6: 82

Drafts not yet approved by IESG (technical stability)

Release 4: 0

Release 5: 1

Release 6: 73

Drafts not yet published as RFCs (formally available)

Release 4: 0

Release 5: 1

Release 6: 81

Drafts approved by IESG since TSG#21: 5

Drafts published as RFCs since TSG#21: 2

3. Significant Developments

AAA Diameter Multimedia Application and Diameter Credit Control planned for completion by April 2004. Diameter Credit Control will likely go to WGLC soon.

EAP-SIM and EAP-AKA will be issued as informational RFCs. No obstacles to publication foreseen.

Relays will be removed from MRSP. This improves the likelihood of Session Messaging being completed in a timely manner.

XCAP is now the accepted solution for presence publication. Drafts progressing.

Work in SIPPING on transcoding, early media, emergency calls, and exploder progressing.

Work on conferencing (SIPPING, XCON) is having growing pains. Documents not well integrated.

3GPP isn't the only group with WLAN access problems (significant problems with internet access during IETF meeting).

Please see attached dependency table for latest status on individual drafts.

3GPP IETF Dependencies and Priorities

Notes:

- a. This dependency and priority is based on the information available as of December 4, 2003
- b. The 3GPP Requirement is that these IDs be stable and RFC numbers be available to allow 3GPP to reference them.
- c. Where individual IDs are listed, there is a desire that an ID providing similar requirements or functionality be progressed within the working group.
- d. The “Definite” column indicates how firm the 3GPP requirement for this ID is. Those listed as Possible are still under discussion (or in some cases not yet discussed in 3GPP).
- e. The “3GPP Priority” column indicates whether this functionality is deemed essential for the functioning of the 3GPP feature. Desirable indicates that major functionality will be sacrificed if this ID is not ready.
- f. Items with a high risk of not being complete in time are marked in yellow. Completed items are in green.
- g. Dependency information compiled by Stephen Hayes, 3GPP TSG-CN Chair (stephen.hayes@ericsson.com, +1 469 360 8500)

3GPP Dependency Table

0#	Title	<u>Link</u>	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
1	Best Current Practices for Third Party Call Control in the Session Initiation Protocol	http://www.ietf.org/internet-drafts/draft-ietf-sipping-3pcc-05.txt	LATE	Definite	Desirable	OSA control of SIP sessions	No OSA to IMS mapping in TR	CN5	Rel 5 Late	SIP	IESG Evaluation	Dec03	No Date
2	Registration Event package	http://www.ietf.org/internet-drafts/draft-ietf-sipping-reg-event-00.txt	COMPLETED except for publication	Definite	Critical	Event for registration (taken from Presence)	Cannot be notified of registrations	CN1	Rel 5 Late	SIP	RFC Editor Queue	12Dec02	No date
3	Session Initiation Protocol Extension Header Field for Service Route Discovery During Registration	http://www.ietf.org/internet-drafts/draft-ietf-sip-scvrtdisco-04.txt	COMPLETED except for publication	Definite	Critical	Needed to route signalling to appropriate CSCFs	Cannot ensure all necessary servers are in the signalling path	CN1	Rel 5 Late	SIP	RFC 3608	Mar03	No Date

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4	Diameter Session Initiation Protocol (SIP) Application	http://www.ietf.org/internet-drafts/draft-ietf-aaa-diameter-sip-app-00.txt	High	Definite (work based on requirements established in draft-loughney-sip-aaa-reqs)	Critical	Authentication and Authorization of UEs	Cannot authenticate and authorize UEs.	CN4	Rel 6	AAA	In Progress	Jun04	No date
5	Diameter Credit Control Application	http://www.ietf.org/internet-drafts/draft-ietf-aaa-diameter-cc-01.txt	High	Possible	Critical	Prepaid charging	Cannot do IMS pre-paid	SA5	Rel 6	AAA	In Progress	Jun04	No Date
6	Diameter Extensible Authentication Protocol (EAP) Application	http://www.ietf.org/internet-drafts/draft-ietf-aaa-eap-03.txt	Low	Definite	Critical (Informational OK)	Use of EAP in WLAN environments	Cannot reuse 3GPP security in WLAN	SA2 SA3	Rel 6	AAA	IESG Evaluation	Jun 04	No date
7	Extended RTP Profile for RTCP-based Feedback(RTP/AVPF)	http://www.ietf.org/internet-drafts/draft-ietf-avt-rtcp-feedback-07.txt	Low	Definite	Critical	Improved feedback mechanism for Audio Visual Profile	AV stream QoS degrades	SA4	Rel 6	AVT	AD Evaluation	Jan04	No date
8	RTP Control Protocol Extended Reports (RTCP XR)	http://www.ietf.org/internet-drafts/draft-ietf-avt-rtcp-report-extns-07.txt	Low	Definite	Critical	Improved RTCP reporting	AV stream QoS degrades	SA4	Rel 6	AVT	RFC 3611	No date	No date
9	MIME Type Registrations for 3GPP Multimedia files	http://www.ietf.org/internet-drafts/draft-singer-avt-3gpp-mime-01.txt	Low	Definite	Critical	MIME type for 3GPP AV files	3GPP types not properly registered	SA4	Rel 6	AVT	WGLC Completed	Jan04	No date
10	RTP payload Format for JVT Video	http://www.ietf.org/internet-drafts/draft-ietf-avt-rtp-h264-03.txt	Medium	Possible	Desirable	Support of H.264 codec	Cannot support H.264 codec	SA4	Rel 6	AVT	In Progress	No date	No date
11	RTP Retransmission Payload Format	http://www.ietf.org/internet-drafts/draft-ietf-avt-rtp-retransmission-09.txt	Low	Possible	Desirable	Improved error resilience in PSS	Lower QoS in PSS	SA4	Rel 6	AVT	AD Evaluation	Jan04	No date
12	RTP Payload format for 3GPP Timed Text	http://www.ietf.org/internet-drafts/draft-rey-avt-3gpp-timed-text-01.txt	Medium	Possible	Desirable	Support of timed text in streaming	Cannot provide timed text	SA4	Rel 6	AVT	In Progress	No date	No date
13	RTP Payload Format and AMR WB+ Audio Codec	http://www.ietf.org/internet-drafts/draft-sjoberg-avt-rtp-amrwbplus-00.txt	Medium	Possible. Needed in AMR-WB+ codec selected by 3GPP	Desirable	Support of AMR WB+	Cannot support AMR wB+ coded	SA4	Rel 6	AVT	In Progress	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
14	EAP AKA Authentication	http://www.ietf.org/internet-drafts/draft-arkko-pppext-eap-aka-11.txt	Medium	Definite	Critical (informational OK)	AKA in EAP	Use of AKA with alternate access methods (such as WLAN)	CN1 CN4 SA3	Rel 6	EAP	In Progress	No date	No date
15	EAP SIM Authentication	http://www.ietf.org/internet-drafts/draft-haverinen-pppext-eap-sim-12.txt	Medium	Definite	Critical (Informational OK)	Use of EAP to carry SIM info	Cannot reuse 2G security in WLAN	SA2 SA3	Rel 6	EAP	In Progress	No date	No date
16	Network Discovery and Selection within the EAP Framework	http://www.ietf.org/internet-drafts/draft-adrangi-eap-network-discovery-and-selection-00.txt	High	Possible – Some Solution Needed	Critical (Informational OK)	Use EAP information for Network Selection	Cannot do WLAN roaming	CN1 SA2 SA3	Rel 6	EAP	In Progress	No date	No date
17	Common Presence and Instant Messaging: Message Format	http://www.ietf.org/internet-drafts/draft-ietf-impp-cpim-msgfmt-08.txt	Low	Definite	Critical	IMS Messaging	IMS Messaging not Available	CN1	Rel 6	IMPP	RFC Editors Queue	No date	No date
18	CPIM Presence Information Data Format	http://www.ietf.org/internet-drafts/draft-ietf-impp-cpim-pidf-08.txt	Low	Definite	Critical	Presence	Presence Service not Available	CN1	Rel 6	IMPP	RFC Editors Queue	No date	No date
19	Common Profile for IM	http://www.ietf.org/internet-drafts/draft-ietf-impp-im-04.txt	Low	Definite	Critical	IMS Messaging	Interoperability with CPIM compromised.	CN1	Rel 6	IMPP	RFC Editors Queue	No date	No date
20	Common Profile for Presence	http://www.ietf.org/internet-drafts/draft-ietf-impp-pres-04.txt	Low	Definite	Critical	Presence	Interoperability with CPIM compromised.	CN1	Rel 6	IMPP	RFC Editors Queue	No date	No date
21	Address Resolution for IM and Presence	http://www.ietf.org/internet-drafts/draft-ietf-impp-srv-04.txt	Low	Definite	Critical	Presence & IMS Messaging	Interoperability with CPIM compromised.	CN1	Rel 6	IMPP	RFC Editors Queue	No date	No date
22	The MAP Security Domain of Interpretation for ISAKMP	http://www.ietf.org/internet-drafts/draft-arkko-map-doi-07.txt	Medium	Definite	Desirable	IKE for MAP	Informational RFC: Needed for consistency of applying IKE to secure GSM MAP and other GSM protocols.	SA3	Rel 6	IPSEC	AD Evaluation	No date	No date

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23	SDP: Session Description Protocol	http://search.ietf.org/internet-drafts/draft-ietf-mmusic-sdp-new-15.txt	Low	Possible	Desirable	New version of SDP	Must use old version	CN1	Rel 6	MMUSIC	IESG Evaluation	No date	No date
24	ATransport Independent Bandwidth Modifier for SDP	http://www.ietf.org/internet-drafts/draft-ietf-mmusic-sdp-bwparam-05.txt	Low	Possible	Nice to Have	Media provisioning	Inconsistent bandwidth allocation	CN1	Rel 6	MMUSIC	IESG LC	No date	No Date
25	Connection-Oriented Media Transport in SDP	http://www.ietf.org/internet-drafts/draft-ietf-mmusic-sdp-comedia-05.txt	Low	Possible	Desirable	IMS Messaging	Messaging over connection oriented transports	CN1	Rel 6	MMUSIC	AD Evalutaion	No date	No date
26	Requirements for Floor Control	http://www.ietf.org/internet-drafts/draft-koskelainen-mmusic-floor-req-01.txt	Low	Possible (requirements under discussion).	Desirable - (needs stability, but not necessarily RFC status)	Defines reqs for floor control	Insufficient conferencing service	CN1	Rel 6	MMUSIC	RFC not needed	No date	No date
27	The Source and Sink Attributes for the Session Description Protocol	http://www.ietf.org/internet-drafts/draft-camarillo-mmusic-source-sink-01.txt	Low	Possible. May be required for transcoder solution	Desirable	Transcoding	Reduced interoperability or require gateway solution	CN1 CN3	Rel 6	MMUSIC	In progress	No date	No Date
28	Instant Message Sessions in SIMPLE	http://www.ietf.org/internet-drafts/draft-ietf-simple-message-sessions-02.txt	High	Definite	Critical	IMS Messaging	No session based instant messaging (including chat)	CN1	Rel 6	SIMPLE	In progress	No date	No date
29	Requirements for Manipulation of Data Elements in SIMPLE Systems	http://www.ietf.org/internet-drafts/draft-ietf-simple-data-req-03.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is critical	Defines presence requirements for data manipulation	Insufficient presence service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
30	SIP Event Notification Extension for Collections	http://www.ietf.org/internet-drafts/draft-ietf-simple-event-list-04.txt	Low	Definite	Critical	To subscribe to collections of event packages	Inefficient or limited Presence service	CN1	Rel 6	SIMPLE	WGLC complete	No date	No date
31	SIP Extensions for Presence	http://www.ietf.org/internet-drafts/draft-ietf-simple-presence-10.txt	Low	Definite	Critical	Presence	Presence Service not Available	CN1 CN5	Rel 6	SIMPLE	RFC Ed Queue	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
32	SIMPLE Presence Publication Requirements	http://www.ietf.org/internet-drafts/draft-ietf-simple-publish-reqs-00.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is critical.	Defines presence requirements for publishing state	Insufficient presence service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
33	An XML Based Format for Watcher Information	http://www.ietf.org/internet-drafts/draft-ietf-simple-winfo-format-04.txt	Low	Definite	Critical	Presence	Presence Service not Available	CN1	Rel 6	SIMPLE	RFC Ed Queue	No date	No date
34	A SIP Event Sub-Package for Watcher Information	http://www.ietf.org/internet-drafts/draft-ietf-simple-winfo-package-05.txt	Low	Definite	Critical	Presence	Presence Service not Available	CN1	Rel 6	SIMPLE	RFC Ed Queue	No date	No date
35	Event Notification Filtering for Presence	http://www.ietf.org/internet-drafts/draft-khartabil-simple-presence-filter-00.txt	High	Possible – One solution to requirements in draft-moran-simple-pres-filter reqs	Critical – At least some solution needed.	Filtering of presence event notifications	Source filtering of notifications not possible	CN1	Rel 6	SIMPLE	In progress	No date	No date
36	Event Notification Filtering for Watcher Info	http://www.ietf.org/internet-drafts/draft-khartabil-simple-winfo-filter-00.txt	High	Possible – One solution to requirements in draft-kiss-simple-winfo-filter reqs	Critical – At least some solution needed.	Filtering of presence watcher event notifications	Filtering of watcher notifications not possible	CN1	Rel 6	SIMPLE	In progress	No date	No date
37	Requirements for Presence Service based on 3GPP specifications and wireless environment characteristics	http://www.ietf.org/internet-drafts/draft-kiss-simple-presence-wireless-reqs-03.txt	Low	Definite (requirements are needed, but contents under discussion). May be included in generic requirements	Desirable (needs stability, but not necessarily RFC status)	Defines 3GPP presence requirements	Insufficient presence service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
38	Requirements for Filtering of Watcher Information	http://www.ietf.org/internet-drafts/draft-ietf-simple-winfo-filter-reqs-00.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status)	Defines presence requirements for filtering watcher notifications	Inefficient presence service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date

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39	Partial Notification of Presence Information	http://www.ietf.org/internet-drafts/draft-ietf-simple-partial-notify-02.txt	High	Possible – One solution to requirements in draft-lonnfors-simple-presinfo-deliv-reqs	Critical – At least some solution needed.	Partial notification	Presence state must be completely refreshed	CN1	Rel 6	SIMPLE	In progress	No date	No date
40	Requirements for Efficient Delivery of Presence Notification	http://www.ietf.org/internet-drafts/draft-ietf-simple-presinfo-deliv-reqs-01.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is Critical.	Defines presence requirements for partial notification	Inefficient presence service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
41	Requirements for Presence specific Event Notification Filters	http://www.ietf.org/internet-drafts/draft-ietf-simple-pres-filter-reqs-02.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is Critical.	Defines presence requirements for filtering notifications	Inefficient presence service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
42	Requirements for Instant Messaging in 3GPP Wireless Systems	http://www.ietf.org/internet-drafts/draft-niemi-simple-im-wireless-reqs-02.txt	Low	Definite (requirements are needed, but contents under discussion). May be included in generic requirements	Desirable (needs stability, but not necessarily RFC status)	Defines requirements for IMS Messaging	Insufficient IMS Messaging service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
43	The Extensible Markup Language (XML) Configuration Access Protocol (XCAP)	http://www.ietf.org/internet-drafts/draft-ietf-simple-xcap-01.txt	High	Possible – One solution to requirements in draft-ietf-simple-data-req	Critical – At Least some solution needed	Protocol for presence data manipulation	User cannot manage lists and authorization	CN1	Rel 6	SIMPLE	In progress	No date	No date
44	XCAP Usages for Setting Presence Authorization	http://www.ietf.org/internet-drafts/draft-ietf-simple-xcap-auth-usage-01.txt	High	Possible – One solution to requirements in draft-ietf-simple-data-req	Critical – At Least some solution needed	Protocol for presence data manipulation	User cannot manage lists and authorization	CN1	Rel 6	SIMPLE	In progress	No date	No date

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45	XCAP Usage for Resource Lists	http://www.ietf.org/internet-drafts/draft-ietf-simple-xcap-list-usage-01.txt	High	Possible – One solution to requirements in draft-ietf-simple-data-req	Critical – At Least some solution needed	Protocol for presence data manipulation	User cannot manage lists and authorization	CN1	Rel 6	SIMPLE	In progress	No date	No date
46	A Session Initiation Protocol (SIP) Event Package for Modification Events for XCAP Managed Documents	http://www.ietf.org/internet-drafts/draft-ietf-simple-xcap-package-00.txt	High	Possible – One solution to requirements in draft-ietf-simple-data-req	Critical – At Least some solution needed	Protocol for presence data manipulation	User cannot manage lists and authorization	CN1	Rel 6	SIMPLE	In progress	No date	No date
47	XCAP Usage for Publishing Presence Information	http://www.ietf.org/internet-drafts/draft-isomaki-simple-xcap-publish-usage-00.txt	High	Possible – One solution to requirements in draft-ietf-simple-data-req	Critical – At Least some solution needed	Protocol for presence data manipulation	Cannot support hard state requirements	CN1	Rel 6	SIMPLE	In progress	No date	No date
48	Advanced Instant Messaging Requirements for SIP	http://www.ietf.org/internet-drafts/draft-rosenberg-simple-messaging-requirements-00.txt	Medium	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status)	Defines IMS Messaging requirements	Insufficient IMS Messaging service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
49	Is-composing Indication for Instant Messaging Using SIP	http://www.ietf.org/internet-drafts/draft-schulzrinne-simple-iscomposing-00.txt	High	Definite	Critical – At Least some solution needed	IMS Messaging	No information that user is composing a message	CN1	Rel 6	SIMPLE	In progress	No date	No date
50	RPID – Rich Presence Information Data Format	http://www.ietf.org/internet-drafts/draft-ietf-simple-rpid-00.txt	High	Definite	Critical	Presence	3GPP specific format used. Interoperability compromised.	CN1	Rel 6	SIMPLE	In progress	No date	No date
51	External object insertion to PIDF	http://www.ietf.org/internet-drafts/draft-lonnfors-simple-binpidf-01.txt	Medium	Possible	Desirable	Ability to insert objects to presence data	Presence data ascii only	CN1	REL 6	SIMPLE	In progress	No date	No date
52	Solution for private messages in a messaging session conference	Not available	High	Possible	Critical	Ability to send private msgs in conference	Can't send private messages (whispers) within conference	CN1	REL 6	SIMPLE	Not started	No date	No date

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53	SIP Extension for Event State Publication	http://www.ietf.org/internet-drafts/draft-ietf-sip-publish-01.txt	High	Possible – One solution to requirements in draft-ietf-simple-publish-reqs	Critical – At least some solution needed.	Protocol for composing state information	Presence Service not Available	CN1	Rel 6	SIP	In progress	No date	No date
54	An Extension to SIP for Request History Information	http://www.ietf.org/internet-drafts/draft-ietf-sip-history-info-01.txt	Low	Possible – One solution to requirements in draft-ietf-sipping-req-history	Nice-to-have – At least some solution needed.	Call Trace	No call trace and routing info for user	CN1	Rel 6	SIP	In progress	No date	No date
55	Caller Preferences and Callee Capabilities for SIP	http://www.ietf.org/internet-drafts/draft-ietf-sip-callerprefs-10.txt	Low	Definite	Critical	Conferencing and multiple terminals	Cannot indicate conferencing preferences and multiple terminals	SA2 CN1	Rel 6	SIP	IESG Evaluation	No date	No Date
56	Caller Preferences and Callee Capabilities for SIP	http://www.ietf.org/internet-drafts/draft-ietf-sip-callee-caps-01.txt	Low	Definite	Critical	Conferencing and multiple terminals	Cannot indicate conferencing capabilities	SA2 CN1	Rel 6	SIP	WGLC Completed	No date	No Date
57	SIP Extension to Assure Congestion Safety	http://www.ietf.org/internet-drafts/draft-ietf-sip-congestsafe-02.txt	Medium	Definite	Desirable	Avoid SIP congestion with UDP	Poor service quality	CN1	Rel 6	SIP	In progress	No date	No date
58	A Mechanism for Content Indirection in SIP Messages	http://www.ietf.org/internet-drafts/draft-ietf-sip-content-indirect-mech-03.txt	Low	Possible – One solution to requirements in draft-ietf-sipping-content-indirect	Desirable – At least some solution needed.	Content Indirection Mechanism	All content must be carried inline	CN1	Rel 6	SIP	WGLC Completed	No date	No date
59	The SIP “Join” Header	http://www.ietf.org/internet-drafts/draft-ietf-sip-join-02.txt	Low	Possible	Nice to Have	Call Monitoring, etc.	These features not easily available	CN1	Rel 6	SIP	In progress	No date	No Date
60	The SIP Referred-By Mechanism	http://www.ietf.org/internet-drafts/draft-ietf-sip-referredby-03.txt	Low	Possible	Nice to Have	Call Transfer	Less efficient call transfers	CN1	Rel 6	SIP	WGLC Completed	No date	No Date
61	The SIP “Replaces” Header	http://www.ietf.org/internet-drafts/draft-ietf-sip-replaces-04.txt	Low	Possible	Nice to Have	Call Transfer	Less efficient call transfers	CN1	Rel 6	SIP	IESG Evaluation	No date	No Date
62	Connection Reuse in the Session Initiation Protocol (SIP)	http://www.ietf.org/internet-drafts/draft-ietf-sipping-connect-reuse-00.txt	Medium	Possible	Desirable	Reuse connections	IMS less efficient	CN1	Rel 6	SIP	In progress	No date	No date

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63	SIP Event Notification Throttles	http://www.ietf.org/internet-drafts/draft-niemi-sipping-event-throttle-00.txt	High	Definite – Solution needed to requirements in draft-ietf-simple-event-throttle-reqs	Critical – At least some solution needed.	Defines presence requirements for throttling notifications	Inefficient presence service	CN1	Rel 6	SIPPING	In progress	No date	No date
64	Framework for Transcoding with the Session Initiation Protocol	http://www.ietf.org/internet-drafts/draft-camarillo-sipping-transc-framework-00.txt	Low	Possible	Desirable	Transcoding	Reduced interoperability or require gateway solution	CN1 CN3	Rel 6	SIPPING	In progress	No date	No Date
65	Transcoding Services Invocation in the Session Initiation Protocol Using Third Party Call Control	http://www.ietf.org/internet-drafts/draft-camarillo-sipping-transc-3pcc-00.txt	Low	Possible. One alternative for a solution for required transcoding functionality	Desirable	Transcoding	Reduced interoperability or require gateway solution	CN1 CN3	Rel 6	SIPPING	In progress	No date	No Date
66	The Session Initiation Protocol Conference Bridge Transcoding Model	http://www.ietf.org/internet-drafts/draft-camarillo-sipping-transc-b2bua-00.txt	Medium	Possible. One alternative for a solution for required transcoding functionality	Desirable	Transcoding	Reduced interoperability or require gateway solution	CN1 CN3	Rel 6	SIPPING	In progress	No date	No Date
67	Requirements for Limiting the Rate of Event Notifications	http://www.ietf.org/internet-drafts/draft-ietf-sipping-event-throttle-reqs-00.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is Critical	Defines presence requirements for throttling notifications	Inefficient presence service	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
68	A Framework for Session-Independent Intermediary Session Policies in SIP	http://www.ietf.org/internet-drafts/draft-hilt-sipping-session-indep-policy-00.txt	Medium	Possible. Need solution to requirements in draft-ietf-sipping-session-policy-req	Desirable – At least some solution needed.	Inform UE of network policies	Fragile services	CN1	Rel 6	SIPPING	In progress	No date	No date
69	A Framework for Session-Specific Intermediary Session Policies in SIP	http://www.ietf.org/internet-drafts/draft-hilt-sipping-session-spec-policy-00.txt	Medium	Possible. Need solution to requirements in draft-ietf-sipping-session-policy-req	Desirable – At least some solution needed.	Inform UE of network policies	Fragile services	CN1	Rel 6	SIPPING	In progress	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
70	Early Media and Ringback Tone Generation in SIP	http://www.ietf.org/internet-drafts/draft-ietf-sipping-early-media-01.txt	Low	Possible (requirements are needed, but contents under discussion).	Nice to Have - (needs stability, but not necessarily RFC status)	Early Media for IVR support	Inconsistent handling of early media	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
71	SIP-AAA Requirements	http://www.ietf.org/internet-drafts/draft-ietf-sipping-aaa-req-03.txt	Low	Definite	Desirable (needs stability, but not necessarily RFC status)	Lists 3GPP Requirements for AAA	3GPP Work in AAA may not be correct	CN4	Rel 6	SIPPING	AD Evaluation	No date	No date
72	SIP Generic Request History Capability - Requirements	http://www.ietf.org/internet-drafts/draft-ietf-sipping-req-history-04.txt	Low	Possible (requirements are needed, but contents under discussion).	Nice to Have - (needs stability, but not necessarily RFC status)	Call Trace	No call trace and routing info for user	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
73	A Framework for Conferencing with SIP	http://www.ietf.org/internet-drafts/draft-ietf-sipping-conferencing-framework-01.txt	Medium	Definite	Critical	Conferencing	Conferencing Service not Available	SA2 CN1	Rel 6	SIPPING	In progress	No date	No date
74	Requirements for Session Policy for SIP	http://www.ietf.org/internet-drafts/draft-ietf-sipping-session-policy-req-00.txt	Low	Possible (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status)	Inform UE of network policies	Fragile services	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
75	Requirements for SIP-based Emergency Calls	http://www.ietf.org/internet-drafts/draft-schulzrinne-sipping-emergency-req-00.txt	Low	Possible (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is Critical.	IMS based emergency calls	Cannot make IMS emergency calls	SA2 CN1	Rel 6	SIPPING	RFC not needed	No date	No date
76	Solution for SIP-based Emergency Calls	No draft existing	High	Definite – Solution needed to requirements in draft-schulzrinne-sipping-emergency-req	Critical – At least some solution needed.	IMS based emergency calls	Cannot make IMS emergency calls	CN1	Rel 6	SIPPING	Not started	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
77	SIP Call Control – Conferencing for User Agents	http://www.ietf.org/internet-drafts/draft-ietf-sipping-cc-conferencing-02.txt	Medium	Definite	Critical – At least some solution needed	Conferencing	Conferencing Service not Available	CN1	Rel 6	SIPPING	In progress	No date	No date
78	Analysis of Ipv6 Transition in 3GPP Networks	http://www.ietf.org/internet-drafts/draft-ietf-v6ops-3gpp-analysis-07.txt	Low	Definite	Desirable (needs stability, but not necessarily RFC status)	Identifies 3GPP Ipv6 transition scenarios	3GPP operators receive poor guidance on Ipv6 implementation strategies	SA2 CN3	Rel 6	V6OPS	In Progress as WG item	No date	No date
79	Ipv6-Ipv4 Translators in 3GPP Networks	http://www.ietf.org/internet-drafts/draft-elmalki-v6ops-3gpp-translator-00.txt	High	Possible – Some SIP oriented solution needed	Critical – At least some solution needed	Describes SIP translation mechanisms for Ipv4/Ipv6 interworking	Ad hoc translation mechanisms evolve	SA2	Rel 6	V6OPS	In Progress	No date	No date
80	Solution for Conference Floor Control	No draft existing	High	Possible	Critical – At least some solution needed	Conferencing	No floor control	CN1	Rel 6	XCON	In progress	No date	No date
81	Conferencing Media Policy Requirements	http://www.ietf.org/internet-drafts/draft-even-xcon-media-policy-requirements-00.txt	Low	Possible (requirements under discussion).	Desirable - (needs stability, but not necessarily RFC status)	Defines reqs for media distribution policy for conferencing	Insufficient conferencing service	CN1	Rel 6	XCON	RFC not needed	No date	No date
82	XCAP Usage for Conference Policy Manipulation	http://www.ietf.org/internet-drafts/draft-koskelainen-xcon-xcap-cpcp-usage-00.txt	High	Possible – One solution to requirements in draft-koskelainen-xcon-cpcp-req	Critical – At least some solution needed	Conferencing & IMS Messaging	Insufficient Conferencing Service	CN1	Rel 6	XCON	In progress	No date	No date
83	Requirements for Conference Policy Control Protocol	http://www.ietf.org/internet-drafts/draft-koskelainen-xcon-cpcp-req-00.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable – (needs stability, but not necessarily RFC status). Solution is Critical.	Defines reqs for conference policy data	Insufficient conferencing service	CN1	Rel 6	XCON	RFC not needed	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
84	High Level Requirements for Tightly Coupled SIP Conferencing	http://www.ietf.org/internet-drafts/draft-ietf-sipping-conferencing-requirements-00.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable – (needs stability, but not necessarily RFC status)	Defines reqs for conferencing service	Insufficient conferencing service	CN1	Rel 6	XCON	RFC not needed	No date	No date
85	Media Policy Manipulation in the Conference Policy Control Protocol	http://www.ietf.org/internet-drafts/draft-mahy-xcon-media-policy-control-00.txt	High	Possible – One solution to requirements in draft-even-sipping-media-policy-requirements	Critical – At least some solution needed.	Media Policy Manipulation for conferencing	Media distribution cannot be manipulated	CN1	Rel 6	XCON	In progress	No date	No date

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The collaboration agreement between the 3GPP and IETF may be found here (<http://www.ietf.org/rfc/rfc3113.txt?number=3113>)

Please contact stephen.hayes@ericsson.com with any updates

Change Log

Date	Version	Description of Change
16-08-2002	6.0.0	Moved MapDoI to Rel-6. Moved ietf-sip-message to Rel-6. Moved ietf-ipv6-dns-discovery to Rel-6. Replaced mp nb-sip-visited-network-id, mills-sip-Access-Network-Info, mp nb-sip-called-party-id, mp nb-sip-associated-uri, henrikson-sip-charging-information with mp nb-sipping-3gpp-p-headers. Removed hendrikson-sip-original-dialog-id. Replaced beckmann-sip-reg-event with mp nberg-sip-reg-event. Added possible Rel-6 dependency on camarillo-sip-compression. Added soinen-ngrtrans-3gpp-cases and wiljakka-3gpp-ipv6-transition. Added ietf-mmusic-fid and camarillo-mmusic-separate-streams as possible dependencies. Updated stale links.
21-08-2002	6.0.1	Added dependency on ietf-sip-callerprefs. Updated status of dependencies.
04-11-2002	6.0.2	Changed penultimate heading from “To IESG” to “IESG approval” since they can stay with the IESG for a long time. Added loughney-aaa-cc-3gpp, ietf-avt-rtcp-bw, ietf-simple-presencelist-package, ietf-sip-sipgrag, olson-simple-publish, kiss-simple-presence-wireless-reqs, niemi-simple-im-wireless-reqs. Removed dependency on sip-replaces, sip-callerprefs. Changed mmusic-separate-streams to mmusic-reservation flows. Changed dependency on mp-cpim-msgfmt to Rel 6. Updated status of dependencies.
27-11-2002	6.0.3	Aligned states with ietf-id-tracker. Updated status of dependencies.
02-12-2002	6.0.4	Added ietf-aaa-eap and haverinen-pppext-eap-sim dependencies. Sdp-new moved to Rel 6. Updated status of dependencies.
06-01-2003	6.0.5	Updated status of items. Sip-compression moved to Rel 5. Added RFC#'s for those items published.
25-01-2003	6.0.6	Updated status of items.
07-03-2003	6.0.7	Updated status of items. Removed NASREQ dependency. Updated status of dependencies.
08-04-2003	6.1.0	Removed completed Rel 4 and Rel 5 items from table. Updated dependencies as defined in N1-030562. Promoted presence, conferencing, and IM dependencies to “Definite”. Aaa-eap, eap-aka, eap-sim upgraded to “Definite” and “Critical” dependencies. Removed the UID column, as it was not being used. Updated status of dependencies.
13-04-2003	6.1.1	Refer removed out since now a completed Rel 5 dependency.
25-04-2003	6.1.2	Removed duplicate row for olson-simple-publish

27-05-2003	6.1.3	Removed ipv6-dns-discovery and Rosenberg-sipping-lease. Added dependency on lonnfors-simple-binpidf and placeholders for rate limiting, emergency calls, and private messages. Risk, How definite, and priority values updated based upon N1-030866. Updated status of dependencies and links.
12-09-2003	6.14	Updated status of dependencies and links. Replaced camarillo-sip-deaf with camarillo-sipping-transc-framework, camarillo-sipping-transc-3pcc, camarillo-sipping-transc-b2bua, camarillo-mmusic-source-sink. Added dependencies on avt-rtcp-feedback avt-rtcp-report-extns, singer-avt-3gpp-mime, avt-rtp-h264, avt-rtp-retransmission, rey-avt-3gpp-timed-text, and elmalki-v6ops-36pp-translator
04-12-2003	6.15	Updated status of dependencies and links. Replaced simple-acap-data with simple-xcap, simple-xcap-auth-usage, simple-xcap-list-usage, simple-xcap-package, isomaki-simple-xcap-publish-usage. Removed expired requirements drafts sipping-content-indirect-reqs, sipping-connect-reuse-reqs. Added dependency on sip-callee-caps. Marked dependency on aaa-diameter-cc as possible (instead of definite). Added sjoberg-avt-rtp-amrbplus. Added adranhi-eap-network-discovery-and-selection. Removed expires schulzrinne-sip-bind.