

Subject: IETF Status Update
Source: Stephen Hayes 3GPP-IETF Status Coordinator
Document for: Information

<e-mail to SA WG3 from Stephen Hayes, 05 November 2002>

Dear Colleagues,

Please find below an update on the status of our deliverables from the IETF. Salient points for some of the more active drafts are discussed. The status of all drafts of which I am aware can be found in the updated version of the dependency table (attached).

Rel 5 drafts which have been approved by the IESG since last update: mmusic-fid, rap-rsvp-authsession, sip-message, sip-sipfrag, sipping-3gpp-p-headers.

Rel 5 drafts which are LIKELY to have IESG approval by TSG#18:

dhc-dhcpv6 and sip-dhcpv6: These should be ready for approval as soon as the final editorial changes are made. IESG approval expected by Nov. 28, 2002.

sip-refer, sip-svcrt disco, sipping-3pcc, sipping-reg-event, sipping-sigcomp-sip-dictionary: These should be IESG approved by Nov. 28, 2002. ietf-sip-compression might also make Nov. 28, 2002, but it is unclear if this is a Rel 5 dependency.

mmusic-reservation-flows (replacement of mmusic-separate-streams with new semantics): A rapid WGLC will be done followed by IETF LC. This should be IESG approved by Nov. 28, 2002.

sip-sec-agree: The security review was positive. Due to scoping changes it will have another IETF last call, but no problems are expected. This should be IESG approved by Nov. 28, 2002.

aaa-diameter and loughney-aaa-cc-3gpp. Loughney-aaa-cc-3gpp specifies an exception to the diameter base instructing IANA to allocate us permanent command codes for Release 5. The drafts will progress together and should be IESG approved by Nov. 28, 2002.

Rel 5 drafts which are UNLIKELY to be stable (IESG approved) by TSG#18. Workarounds should be considered for these: aaa-diameter-nasreq, mmusic-sdp-new, hakala-diameter-credit-control, arkko-map-doi, ipv6-dns-discovery.

For Release 6 it is LIKELY that the following drafts will progress to WG items: hakala-diameter-credit-control and johansson-aaa-diameter-mm-app. We should endeavor to maintain as much backwards compatibility with these and the release 5 variant so that we can reference these new specs in Rel 6.

The presence and IM dependencies for Release 6 need focus if they are to meet our deadlines. Many of these have passed WGLC, but IETF last call has not yet been issued.

The revised goal with the current push is to have the drafts reach technical stability by TSG#18. The IETF is reluctant to pre-allocate RFC numbers again. The RFC editors have a considerable backlog and priority will be given to those drafts which have already been allocated RFC#'s. For the time being, I recommend that we continue to reference the drafts. The references can be corrected as they become available.

Although, it may seem that the IETF is being slow, please be aware that many members of the IETF are working extremely hard to overcome inertia within the IETF and to be responsive to our needs.

Regards,
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3GPP IETF Dependencies and Priorities

Notes:

- a. This dependency and priority is based on the information available as of November 4, 2002
- 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 IMS or some planned 3GPP feature. Desirable indicates that major functionality will be sacrificed if this ID is not ready.
- f. The UID (Unique ID) refers to the ID in the 3GPP workplan.
- g. Items with a high risk of not being complete in time are marked in yellow. Completed items are in green.
- h. Dependency information compiled by Stephen Hayes, 3GPP TSG-CN Chair (stephen.hayes@ericsson.com, +1 469 360 8500)

3GPP Dependency Table

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	UID	IETF WG	IETF Status	IESG approval	RFC Ready
1	RTP payload format and file storage format for AMR and AMR-WB audio	http://www.ietf.org/internet-drafts/draft-ietf-avt-rtp-amr-13.txt	COMPLETED	Definite	Critical	Needed for speech within Streaming and IMS appl	Copy is included in 3GPP specs. Increasing risk of divergence.	SA4	Rel 4	11004	AVT	At RFC Editor, RFC# allocated	Reviewed by IESG	7Mar 02
2	SS7 MTP3-User Adaptation Layer (M3UA)	http://www.ietf.org/internet-drafts/draft-ietf-sigtran-m3ua-12.txt	COMPLETED	Definite	Critical	SS7/IP	Copy is included in 3GPP specs. Increasing risk of divergence	CN4 RAN3	Rel 4 (R'99 also)		SIGTRAN	At RFC Editor, Awaiting RFC#	Reviewed by IESG	Mar02

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	UID	IETF WG	IETF Status	IESG approval	RFC Ready
3	Support for IPv6 in SDP	http://www.ietf.org/internet-drafts/draft-ietf-mmusic-sdp-ipv6-02.txt	COMPLETED	Definite	Critical	Carry Ipv6 addr in SDP	IMS Cannot use IPv6	CN1	Rel 5		MMUSIC	At RFC Editor, RFC# allocated	Reviewed by IESG	7Mar02
4	An Offer/Answer Model with SDP	http://www.ietf.org/internet-drafts/draft-ietf-mmusic-sdp-offer-answer-02.txt	COMPLETED	Definite	Critical	Negotiate SDP streams	IMS cannot negotiate SDP characteristics	CN1	Rel 5		MMUSIC	At RFC Editor, RFC# allocated	21Feb02	7Mar02
5	SIP: Session Initiation Protocol	http://www.ietf.org/internet-drafts/draft-ietf-sip-rfc2543bis-09.txt	COMPLETED	Definite	Critical	SIP baseline for IMS	No baseline	CN1	Rel 5	2521	SIP	At RFC Editor, RFC# allocated	21Feb02	7Mar02
6	Reliability of Provisional Responses in SIP	http://www.ietf.org/internet-drafts/draft-ietf-sip-100rel-06.txt	COMPLETED	Definite	Critical	Reliable responses	Progress signalling not reliable	CN1	Rel 5		SIP	At RFC Editor, RFC# allocated	21Feb02	7Mar02
7	SIP: Locating SIP Servers	http://www.ietf.org/internet-drafts/draft-ietf-sip-srv-06.txt	COMPLETED	Definite	Critical	Resolving SIP servers using DNS	Cannot locate SIP servers using DNS	CN1	Rel 5		SIP	At RFC Editor, RFC# allocated	21Feb02	7Mar02
8	SIP-Specific Event Notification	http://www.ietf.org/internet-drafts/draft-ietf-sip-events-05.txt	COMPLETED	Definite	Critical	Needed for registration	Used in base IMS flows. IMS not viable without it.	CN1	Rel 5	11000	SIP	At RFC Editor, RFC# allocated	21Feb02	7Mar02
9	Diameter Base Protocol	http://www.ietf.org/internet-drafts/draft-ietf-aaa-diameter-15.txt	LATE	Definite	Critical	Authentication and Authorization	Only GPRS specific security provided	CN4 SA5	Rel 5 Late	11011	AAA	In IETF/FLC	28Nov02	No date
10	Provisional Diameter Command Codes for 3GPP Release 5	http://www.ietf.org/internet-drafts/draft-loughney-aaa-cc-3gpp-00.txt	LATE	Definite	Critical	Allocation of cmd codes	IANA will not allocate cmd codes needed by Cx/Dx, Sh.	CN4	Rel 5 Late		AAA	In process	28Nov02	No date
11	Diameter NASREQ Application	http://www.ietf.org/internet-drafts/draft-ietf-aaa-diameter-nasreq-09.txt	LATE	Definite	Desirable	Uses session key AVP	Redefine session key AVP	CN4	Rel 5 Late		AAA	AD watching	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	UID	IETF WG	IETF Status	IESG approval	RFC Ready
12	SDP Bandwidth Modifiers for RTCP Bandwidth	http://www.ietf.org/internet-drafts/draft-avt-rtcp-bw-05.txt	COMPLETED except for RFC#	Definite	Desirable	Specification of RTCP parameters in SDP	Cannot allocate separate media for RTCP	SA4	Rel 5 Late		AVT	At RFC Editor	20May02	No Date
13	Differentiated Services Quality of Service Policy Information Base	http://www.ietf.org/internet-drafts/draft-ietf-diffserv-pib-08.txt	COMPLETED	Possible	Desirable	Use of COPS for control of 3GPP resources	must replicate relevant information in Go PIB	CN3	Rel 5 Late		DIFFSERV	At RFC Editor, RFC# allocated	3Jun02	14Jun02
14	IPv6 for Some Second and Third Generation Cellular Hosts	http://www.ietf.org/internet-drafts/draft-ietf-ipv6-cellular-host-03.txt	COMPLETED	Definite	Critical	Consistency of IMS hosts	Inconsistency in Ipv6 stack supported by IMS terminals.	SA2 T2	Rel 5 Late		IPV6	At RFC Editor, RFC# allocated	3Jun02	14Jun02
15	Recommendations for IPv6 in 3GPP Standards	http://www.ietf.org/internet-drafts/draft-ietf-ipv6-3gpp-recommend-02.txt	COMPLETED	Definite	Critical (needs stability, but not necessarily RFC status)	Determine if any holes in IPv6 usage	May be too late to fix any errors	CN1 CN3 CN4 SA2	Rel 5 Late		IPV6	At RFC Editor, RFC# allocated	2May02	3Jun02
16	Dynamic Host Configuration Protocol for IPv6 (DHCPv6)	http://www.ietf.org/internet-drafts/draft-ietf-dhc-dhcpv6-27.txt	LATE	Definite	Desirable	Use Ipv6 addr if DHCP used.	Must rely on GPRS specific discovery mechanisms	SA2	Rel 5 Late		IPV6	In IETF/FLC	28Nov02	No date
17	SDP: Session Description Protocol	http://search.ietf.org/internet-drafts/draft-ietf-mmusic-sdp-new-10.txt	LATE	Possible	Desirable	New version of SDP	Must use old version	CN1	Rel 5 Late		MMUSIC	In IETF/FLC	No date	No date
18	Grouping of media lines in SDP	http://www.ietf.org/internet-drafts/draft-ietf-mmusic-fid-06.txt	COMPLETED except for RFC#	Possible (may be moved to Rel 6)	Desirable	Indicate separation of media streams to the UE	P-CSCF cannot control whether UE modifies existing PDP context or reuses old context.	CN1	Rel 5 Late		MMUSIC	In progress	8Aug02	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	UID	IETF WG	IETF Status	IESG approval	RFC Ready
19	Mapping of Media Streams to Resource Reservation Flows	http://www.ietf.org/internet-drafts/draft-ietf-mmusic-reservation-flows-01.txt	Low	Possible (may be moved to Rel 6)	Desirable	Indicate separation of media streams to the UE	P-CSCF cannot control whether UE modifies existing PDP context or reuses old context.	CN1	Rel 5 Late		MMUSIC	In WGLC	28Nov02	No date
20	Framework Policy Information Base	http://www.ietf.org/internet-drafts/draft-ietf-rap-framework-pib-02.txt	COMPLETED	Possible	Desirable	Use of COPS for control of 3GPP resources	must replicate relevant information in Go PIB	CN3	Rel 5 Late		RAP	At RFC Editor, RFC# allocated	16May02	14Jun02
21	Session Authorization for RSVP	http://www.ietf.org/internet-drafts/draft-ietf-rap-rsvp-authsession-04.txt	COMPLETED except for RFC#	Definite	Desirable	Uses Policy element	must replicate policy element	CN3	Rel 5 Late		RAP	In IETF	30Oct02	No Date
22	Signaling Compression Requirements & Assumptions	http://www.ietf.org/internet-drafts/draft-ietf-rohc-signaling-req-assump-06.txt	COMPLETED	Definite	Desirable (needs stability, but not necessarily RFC status)	Define SIP compression requirements	Very inefficient use of bandwidth and long session establishment delays	CN1	Rel 5 Late		ROHC	At RFC Editor, RFC# allocated	3Jun02	14Jun02
23	Signaling Compression (SigComp)	http://www.ietf.org/internet-drafts/draft-ietf-rohc-sigcomp-07.txt	COMPLETED	Definite	Critical	SIP compression framework and message format	Very inefficient use of bandwidth and long session establishment delays	CN1	Rel 5 Late		ROHC	At RFC Editor, RFC# allocated	3Jun02	14Jun02
24	SigComp - Extended Operations	http://www.ietf.org/internet-drafts/draft-ietf-rohc-sigcomp-extended-04.txt	COMPLETED	Possible	Desirable	Enhanced SIP compression	Non-optimal use of bandwidth and longer session establishment delays	CN1	Rel 5 Late		ROHC	At RFC Editor, RFC# allocated	3Jun02	14Jun02
25	Integration of Resource Management and SIP	http://www.ietf.org/internet-drafts/draft-ietf-sip-manyfolks-resource-07.txt	COMPLETED	Definite	Critical	Need resource reservation	Used in base IMS flows. IMS not viable without it.	CN1	Rel 5 Late	2522	SIP	At RFC Editor, RFC# allocated	2May02	3Jun02

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	UID	IETF WG	IETF Status	IESG approval	RFC Ready
26	The SIP UPDATE Method	http://www.ietf.org/internet-drafts/draft-ietf-sip-update-02.txt	COMPLETED	Definite	Critical	Update session parameters	Used in base IMS flows. IMS not viable without it.	CN1	Rel 5 Late	2525	SIP	At RFC Editor, RFC# allocated	2May02	3Jun0
27	Private Extensions to the Session Initiation Protocol (SIP) for Network Asserted Identity within Trusted Networks	http://www.ietf.org/internet-drafts/draft-ietf-sip-asserted-identity-01.txt	COMPLETED	Definite	Critical	Private network asserted identity of subscriber	Network asserted identity used in base IMS flows. IMS not viable without it.	CN1	Rel 5 Late		SIP	At RFC Editor, RFC# allocated	3Jun02	14Jun02
28	A Privacy Mechanism for the Session Initiation Protocol (SIP)	http://www.ietf.org/internet-drafts/draft-ietf-sip-privacy-general-01.txt	COMPLETED	Definite	Critical	Defines header for privacy requests	No header for requesting identity be withheld. IMS not viable without it.	CN1	Rel 5 Late		SIP	At RFC Editor, RFC# allocated	3Jun02	14Jun02
29	Private SIP Extensions for Media Authorization	http://www.ietf.org/internet-drafts/draft-ietf-sip-call-auth-06.txt	COMPLETED	Definite	Critical	Needed for media auth for billing	No robust QoS based billing. Possibility for fraudulent use of QoS	CN1	Rel 5 Late	2525	SIP	At RFC Editor, RFC# allocated 313	2May02	3Jun02
30	HTTP Digest Authentication Using AKA	http://www.ietf.org/internet-drafts/draft-ietf-sip-digest-aka-03.txt	COMPLETED	Definite (work based on requirements established in draft-uusitalo-sipping-authentication-00)	Critical	AKA in SIP	Cannot use AKA with SIP	CN1 SA3	Rel 5 Late		SIP	At RFC Editor, RFC# allocated	2May02	3Jun02
31	The Reason Header Field for the Session Initiation Protocol	http://www.ietf.org/internet-drafts/draft-ietf-sip-reason-01.txt	COMPLETED	Possible	Desirable	Reasons for errors	Less user friendly interface	CN1	Rel 5 Late		SIP	At RFC Editor, RFC# allocated	3Jun02	14Jun02
32	Internet Media Type message/sipfrag	http://www.ietf.org/internet-drafts/draft-ietf-sip-sipfrag-00.txt	COMPLETED except for RFC#	Definite	Desirable	Support of SIP fragments	Notify cannot carry SIP fragments	CN1	Rel 5 Late		SIP	At RFC Editor,	24Sept02	No Date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	UID	IETF WG	IETF Status	IESG approval	RFC Ready
33	DHCPv6 Options for SIP Servers	http://www.ietf.org/internet-drafts/draft-ietf-sip-dhcpv6-00.txt	LATE	Definite	Desirable	SIP server discovery.	Must rely on GPRS specific discovery mechanisms	SA2	Rel 5 Late		SIP	In IETF IFLC	14Nov02	No Date
34	The Refer Method	http://www.ietf.org/internet-drafts/draft-ietf-sip-refer-06.txt	LATE	Definite	Desirable	Needed for 3 rd parties	No call forwarding, conf calling	CN1	Rel 5 Late	11001	SIP	In IETF IFLC	28Nov02	No Date
35	Session Initiation Protocol Extension Header Field for Service Route Discovery During Registration	http://www.ietf.org/internet-drafts/draft-ietf-sip-scvrtdisco-02.txt	LATE	Possible	Critical	Needed to route signalling to appropriate CSCFs	Cannot ensure all necessary servers are in the signalling path	CN1	Rel 5 Late		SIP	In IETF IFLC	28Nov02	No Date
36	Best Current Practices for Third Party Call Control in the Session Initiation Protocol	http://www.ietf.org/internet-drafts/draft-ietf-sipping-3pcc-02.txt	LATE	Definite	Desirable	OSA control of SIP sessions	OSA cannot support IMS	CN5	Rel 5 Late		SIP	In IETF IFLC	28Nov02	No Date
37	Security Mechanism Agreement for SIP Connections	http://www.ietf.org/internet-drafts/draft-ietf-sip-sec-agree-05.txt	LATE	Definite (work based on requirements established in draft- uusitalo-sipping-algorithm-agreement)	Desirable	Security Mode Setup	Difficult to add later due to possible "man in middle" attacks. Parts of path unprotected.	CN1 SA3	Rel 5 Late		SIP	In IETF IFLC	28Nov02	No Date
38	Registration Event package	http://www.ietf.org/internet-drafts/draft-ietf-sipping-reg-event-00.txt	LATE	Definite	Critical	Event for registartion (taken from Presence)	Cannot be notified of registrations	CN1	Rel 5 Late		SIP	IETF IFLC starting 06Nov02	28Nov02	No date
39	SIP Extensions for Instant Messaging	http://www.ietf.org/internet-drafts/draft-ietf-sip-message-07.txt	COMPLETED except for RFC#	DEFINITE	Desirable	IM	Instant Messaging not Available	CN1	Rel 5 Late		SIP	IESG approved	27Sept02	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	UID	IETF WG	IETF Status	IESG approval	RFC Ready
40	Session Initiation Protocol Extension Header Field for Registering Non-Adjacent Contacts	http://www.ietf.org/internet-drafts/draft-willis-sip-path-08.txt	COMPLETED	Possible	Critical	Needed to route signalling to appropriate CSCFs	Cannot ensure all necessary servers are in the signalling path	CN1	Rel 5 Late		SIP (not a WG item, expert review only)	At RFC Editor, RFC# allocated	3Jun02	14Jun02
41	Private Extensions to the Session Initiation Protocol (SIP) for the 3rd-Generation Partnership Project (3GPP)	http://www.ietf.org/internet-drafts/draft-garcia-sipping-3gpp-p-headers-02.txt	COMPLETED except for RFC#	Definite	Critical	To carry info within the 3GPP network	Must revert to carrying info in XML header	CN1	Rel 5 Late		SIP (not a WG item, expert review only)	In IETF/FLC	22Oct02	No Date
42	Short term requirements for Network Asserted Identity	http://www.ietf.org/internet-drafts/draft-ietf-sipping-nai-reqs-02.txt	COMPLETED	Definite	Desirable (needs stability, but not necessarily RFC status)	Define network identity and privacy requirements	Asserted identity problem scope not well understood	CN1	Rel 5 Late		SIPPING	At RFC Editor, RFC# allocated	3Jun02	14Jun02
43	3GPP requirements on SIP	http://www.ietf.org/internet-drafts/draft-garcia-sipping-3gpp-reqs-03.txt	COMPLETED	Definite	Desirable (needs stability, but not necessarily RFC status)	Lists 3GPP Requirements	Cannot define any additional work that is needed for 3GPP IMS	CN1	Rel 5 Late		SIPPING	RFC not needed	No date	No date
44	3GPP Requirements for SIP Authentication	http://www.ietf.org/internet-drafts/draft-uusitalo-sipping-authentication-00.txt	COMPLETED	Definite (requirements are needed, but contents under discussion)	Desirable (needs stability, but not necessarily RFC status)	Lists 3GPP requirements for AKA authentication (taken from Garcia)	Unable to use AKA in SIP	SA3	Rel 5 Late		SIPPING	RFC not needed	No date	No date
45	Requirements for SIP Security Mechanism Agreement	http://www.ietf.org/internet-drafts/draft-uusitalo-sipping-algorithm-agreement-00.txt	COMPLETED	Definite (requirements are needed, but contents under discussion)	Desirable (needs stability, but not necessarily RFC status)	Defines requirements for negotiating security	Vulnerable to Man in the Middle attacks	SA3	Rel 5 Late		SIPPING	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	UID	IETF WG	IETF Status	IESG approval	RFC Ready
46	Requirements for Delegation of Message Protection for SIP	http://www.ietf.org/internet-drafts/draft-uusitalo-sipping-delegation-00.txt	COMPLETED	Definite (requirements are needed, but contents under discussion)	Desirable (needs stability, but not necessarily RFC status)	Lists 3GPP requirements for key transport and delegation	Unable to distribute SIP security keys	SA3	Rel 5 Late		SIPPING	RFC not needed	No date	No date
47	The SIP/SDP static dictionary for Signaling Compression	http://www.ietf.org/internet-drafts/draft-ietf-sipping-sigcomp-sip-dictionary-04.txt	LATE	Possible	Desirable	Enhanced SIP compression	Non-optimal use of bandwidth and longer session establishment delays	CN1	Rel 5 Late		SIPPING	In IETF	28Nov02	No Date
48	Stream Control Transmission Protocol (SCTP) Checksum Change	http://www.ietf.org/internet-drafts/draft-ietf-tsvwg-sctpsum-07.txt	COMPLETED	Definite	Critical	Robust SCTP	Interoperability problems with SS7/IP and Cx interfaces	CN4	Rel 5 Late		TSV	At RFC Editor, RFC# allocated	2May02	3Jun02
49	Diameter Credit Control Application	http://www.ietf.org/internet-drafts/draft-hakala-diameter-credit-control-05.txt	Medium	Definite	Critical	Prepaid charging	Cannot do IMS pre-paid	SA5	Rel 6		AAA	Probably chartered at Atlanta IETF.	No Date	No Date
50	Diameter Multimedia Application (or equivalent)	http://www.ietf.org/internet-drafts/draft-johansson-aaa-diameter-mm-app-03.txt	Medium	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	Probably chartered at Atlanta IETF.	No date	No date
51	Common Presence and Instant Messaging: Message Format	http://www.ietf.org/internet-drafts/draft-ietf-impp-cpim-msgfmt-06.txt	Low	Possible	Desirable	IM	Instant Messaging & Presence not Available	CN1	Rel 6		IMPP	In Progress	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	UID	IETF WG	IETF Status	IESG approval	RFC Ready
52	CPIM Presence Information Data Format	http://www.ietf.org/internet-drafts/draft-ietf-imp-pcimp-pidf-06.txt	Low	Possible	Desirable	Used in registration to the network, to register multiple public IDs and get notifications when the network de-registers or request re-registration.	3GPP specific data structure used for handling registering of public IDs	CN1	Rel 6		IMPP	In Progress	No date	No date
53	The MAP Security Domain of Interpretation for ISAKMP	http://www.ietf.org/internet-drafts/draft-arkko-map-doi-07.txt	Low	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	In IETF	No date	No date
54	IPv6 Stateless DNS Discovery	http://www.ietf.org/internet-drafts/draft-ietf-ipv6-dns-discovery-07.txt	Low	Possible	Desirable	DNS discovery when not using DHCP	A GPRS specific method of DNS specification required	SA2	Rel 6		IPV6	May be stopped	No Date	No Date
55	IPv6 Transition Solutions for 3GPP Networks	http://www.ietf.org/internet-drafts/draft-wiljaka-3gpp-ipv6-transition-02.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		NGTRANS	Not chartered	No date	No date
56	EAP AKA Authentication	http://www.ietf.org/internet-drafts/draft-arkko-ppext-eap-aka-05.txt	Low	Possible	Desirable	AKA in EAP	Cannot use AKA with alternate access methods (such as WLAN)	CN1 CN4 SA3	Rel 6		PPPEXT	Not chartered	No date	No date
57	A SIP Event Sub-Package for Watcher Information	http://www.ietf.org/internet-drafts/draft-ietf-simple-winfo-package-02.txt	Low	Possible	Desirable	Presence	Presence Service not Available	CN1	Rel 6		SIMPLE	In progress	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	UID	IETF WG	IETF Status	IESG approval	RFC Ready
58	A SIP Event Package for List Presence	http://www.ietf.org/internet-drafts/draft-ietf-simple-presencelist-package-00.txt	Low	Possible	Desirable	Presence	Presence Service not Available	CN1	Rel 6		SIMPLE	In progress	No date	No date
59	SIMPLE Presence Publication Mechanism	http://www.ietf.org/internet-drafts/draft-olson-simple-publish-01.txt	Low	Possible	Desirable	Presence	Presence Service not Available	CN1	Rel 6		SIMPLE	In progress	No date	No date
60	Requirements for Presence Service based on 3GPP specifications and wireless environment characteristics	http://www.ietf.org/internet-drafts/draft-kiss-simple-presence-wireless-reqs-01.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 presence	Insufficient presence service	CN1	Rel 6		SIMPLE	RFC not needed	No date	No date
61	Requirements for Instant Messaging in 3GPP Wireless Systems	http://www.ietf.org/internet-drafts/draft-niemi-simple-im-wireless-reqs-00.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 presence	Insufficient IM service	CN1	Rel 6		SIMPLE	RFC not needed	No date	No date
62	An XML Based Format for Watcher Information	http://www.ietf.org/internet-drafts/draft-ietf-simple-winfo-format-02.txt	Low	Possible	Desirable	Presence	Presence Service not Available	CN1	Rel 6		SIMPLE	In progress	No date	No date
63	SIP Extensions for Presence	http://www.ietf.org/internet-drafts/draft-ietf-simple-presence-07.txt	Low	Possible	Desirable	Presence	Presence Service not Available	CN1	Rel 6		SIMPLE	Passed WGLC	No date	No date
64	Compressing the Session Initiation Protocol	http://www.ietf.org/internet-drafts/draft-ietf-sip-compression-02.txt	Low	Possible	Desirable	To know if SIP compression used in WLAN environment	S-CSCF unable to efficiently determine whether messages compressed or not	CN1	Rel 6		SIP	In progress	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	UID	IETF WG	IETF Status	IESG approval	RFC Ready
65	SIP-AAA Requirements	http://www.ietf.org/internet-drafts/draft-loughney-sip-aaa-req-01.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	In progress	No date	No date
66	Transition Scenarios for 3GPP Networks	http://www.ietf.org/internet-drafts/draft-ietf-v6ops-3gpp-cases-00.txt	Low	Definite	Desirable (needs stability, but not necessarily RFC status)	Identifies 3GPP IPv6 transition scenarios	3GPP operators receive poor guidance on IPv6 implementation scenarios	SA2 CN3	Rel 6		V6OPS	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
15-11-2001	0.0.1	Pre-publication version
21-11-2001	5.0.0	IETF Dependency draft
08-01-2002	5.0.1	Clarified relationship of sdp-new and sdp-ipv6, updated completion dates of several SIP drafts, removed need for H.323, interworking and SUA, responsible groups updated, ID versions updated, fixed broken links, Risk column moved, UID column added, SIP DHCP IPv6 and SIP DHCP collapsed intoDHCPv6
04-02-2002	5.0.2	100Rel folded into 2543bis, fixed broken links, added drafts based upon proposed SA3 IMS security method., added new sigcomp drafts, Diameter base protocol changed to critical, split out SIP server support from DHCP-IPv6, added sip-srv draft.
26-02-2002	5.0.3	100Rel, offer-answer, and path introduced. Added drafts for sipping-digest-aka, sipping-authentication, sipping-algorithm-agreement, sipping-delegation. Removed duplicate row with Key transport requirements. ID status and dates updated according to latest agreements, completion dates for some items moved to late Rel 5 (June), Re-evaluated risk due to schedule changes, Removed ability to negotiate compression as a separate item, updated stale links.
28-02-2002	5.0.4	Added draft-undery-sip-auth, Corrected errors associated with draft-arkko-sip-sec-agree.
12-03-2002	5.0.5	Showed completion of avt-rtp-amr, m3ua, 2543bis, 100rel, sip-srv, offer-answer,sdp-ipv6. Removed dependency on sdp-new, made dependency on ipv6-cellular-host definite and critical, status of undery-sip-auth corrected, Showed manyfolks-resource, privacy, call-auth in WGLC, Added dependency on sip-update, rosenberg-sip-3ppc, ipsec-sctp. Upgraded path header to critical. Showed lack of SIP DHCP IPv6 draft. Updated stale links.
07-04-2002	5.0.6	Added dependencies on ipv6-dns-discovery, sip-dictionary, srevtdiscov, cellular-ipsec. Removed dependencies on sigcomp-udvm, undery-sip-auth, onehop-digest. CPIM Presence Information Data Format moved to Rel 6. Revised risk based upon bundling. Updated completion dates. Updated stale links
30-04-2002	5.0.7	Added dependencies for draft-henrikson-sip-original-dialog-id, draft-garcia-sip-visited-network-id, draft-mills-sip-Access-Network-Info, draft-garcia-sip-called-party-id, draft-garcia-sip-associated-uri, draft-henrikson-sip-charging-information. Added dependency on draft-ietf-tsvwg-sctpcsum and draft-ietf-sip-reason. Added dependency

		for registration event package. Removed dependency on draft-ietf-ipsec-sctp, draft-larzon-udplite, draft-hamer-rap-cops-umts-go. Updated names of draft-ietf-ipv6-cellular-host and draft-ietf-sip-dhcpv6. Changed dependency on draft-ietf-sip-privacy to a dependency on unspecified draft(s) on caller-id. Indicated that the draft for useage of IPSec with SIP/AKA may not be produced. Downgraded dependencies on draft-ietf-diffserv-pib and draft-ietf-rap-frameworkpib to possible dependencies. Moved SIP-AAA work to Rel 6. Added draft-ietf-sdp-new back again. Updated links and target dates. Added bundling information.
13-05-2002	5.0.8	Replaced placeholder for caller-id drafts with sipping-nai-reqs, sipping-nai-reqs, and draft-peterson-sip-privacy-longterm. Removed draft for usage of IPSec with SIP. Dependencies on nitsan-cops-rsvp-proxy, ietf-simple-im-sdp, ietf-simple-im-session removed since drafts have expired. Updated completion status. Updated links.
18-06-2002	5.0.9	Showed completion of bundle 2 & 3 IETF deliverables for which RFC#'s have been provided. Changed status of requirement drafts (for which protocol work done) as COMPLETED. Changed status of remaining Rel-5 items to LATE.. Added aaa-diameter-nasreq and rap-rsvp-authsession. Added diameter-credit-control dependency for Sept 02. Removed expired draft olsson-ip-multimedia-charging-reqs. Updated links and target dates.
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 garcia-sip-visited-network-id, mills-sip-Access-Network-Info, garcia-sip-called-party-id, garcia-sip-associated-uri, henrikson-sip-charging-information with garcia-sipping-3gpp-p-headers. Removed hendrikson-sip-original-dialog-id. Replaced beckmann-sip-reg-event with rosenberg-sip-reg-event. Added possible Rel-6 dependency on camarillo-sip-compression. Added soinenen-ngtrans-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-siprag, 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 impp-cpim-msgfmt to Rel 6. Updated status of dependencies.