

SP-050152



3GPP Dependencies Status for TSG#27

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TSGs#27, March 9-17, 2005

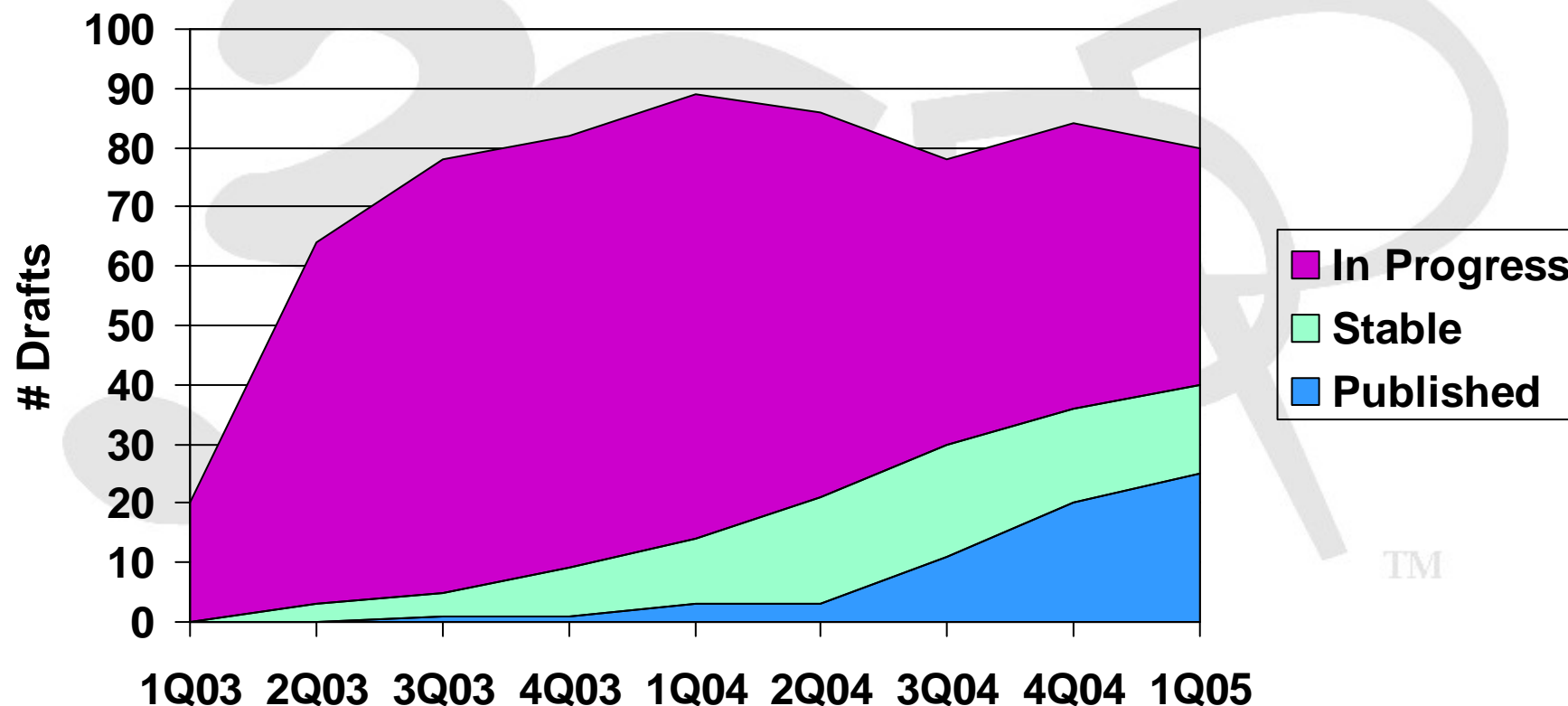
Overview

- **Not as much progress as hoped in IETF since TSG#26**
- **40 of 80 ((50%) Rel 6 Dependencies stable (either on RFC ed queue or RFC published)**
- **5 RFCs issued since TSG#26**
- **3 drafts approved by IESG since TSG#26**
- **IETF work still slow in presence and IM areas**
- **Total release IETF dependencies decreased from 84 to 80**
- **Diameter credit control draft still not published as RFC**

Completion Statistics

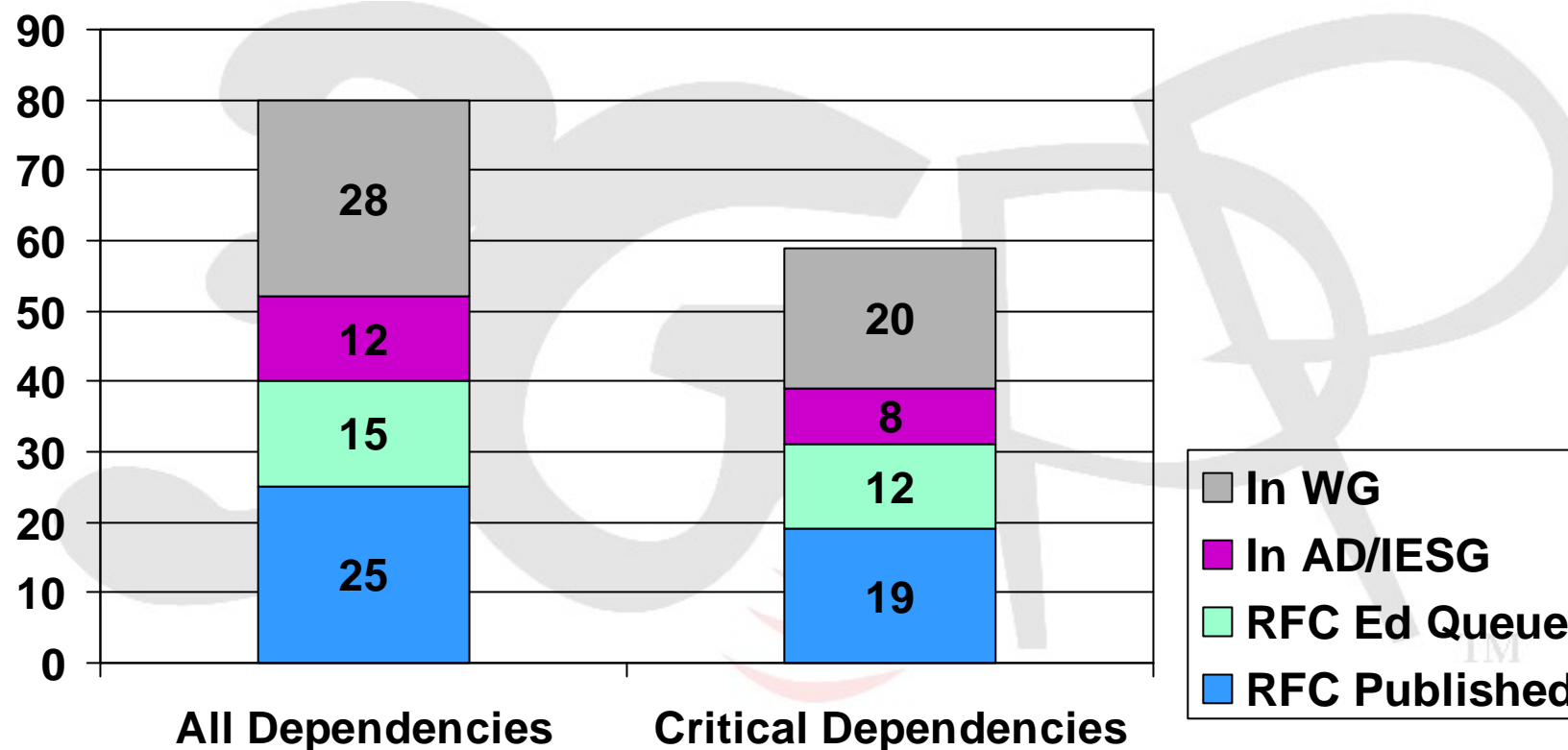
- **Drafts being tracked:**
 - **Release 4: 2**
 - **Release 5: 45**
 - **Release 6: 80**
 - **Release 7: 1**
- **Drafts not yet approved by IESG (technical stability)**
 - **Release 4: 0**
 - **Release 5: 0**
 - **Release 6: 40**
- **Drafts not yet published as RFCs (formally available)**
 - **Release 4: 0**
 - **Release 5: 1**
 - **Release 6: 55**
- **Drafts approved by IESG since TSG#26: 3**
- **Drafts published as RFCs since TSG#26: 5**

Historical Trends on IETF Drafts



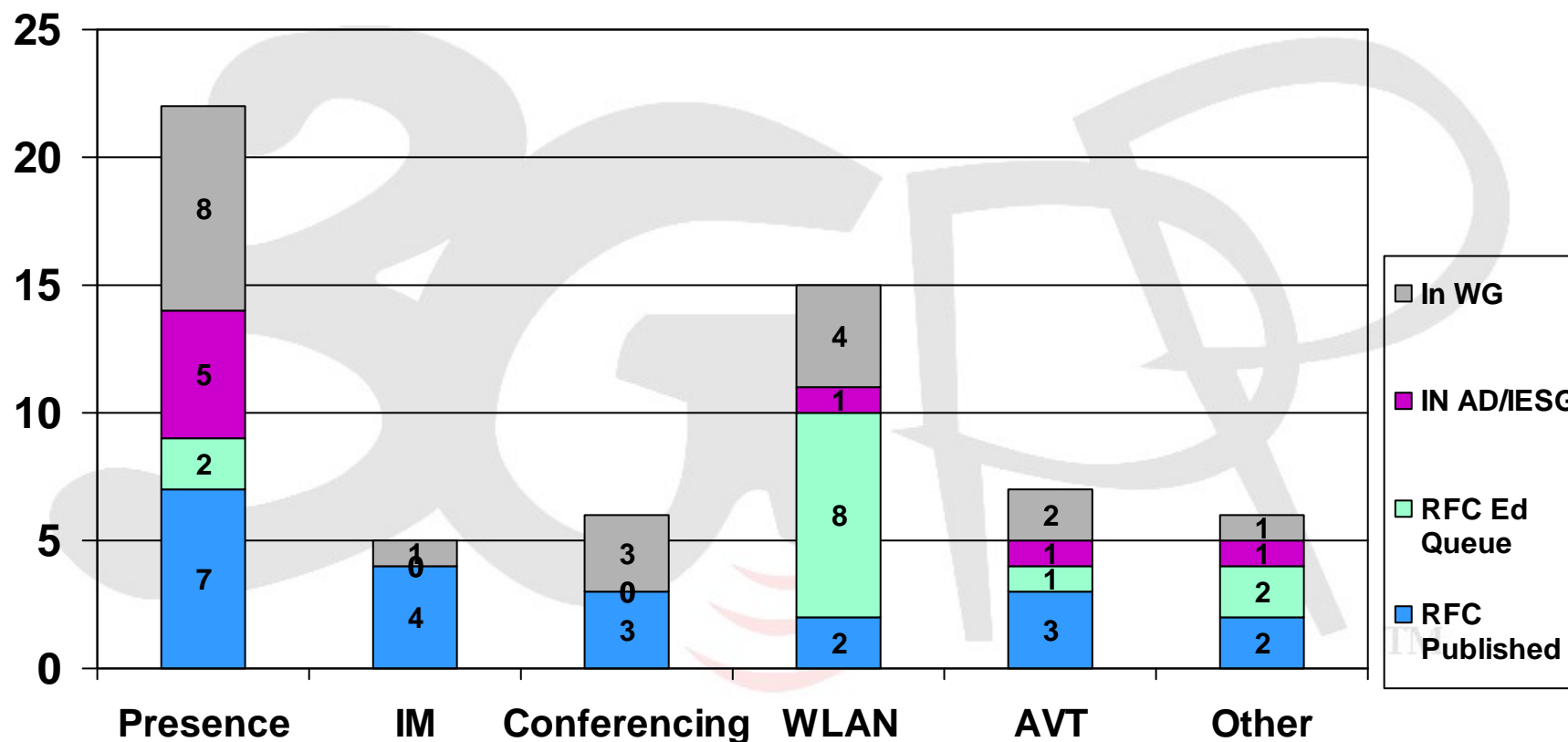
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3GPP Dependencies Overall



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Critical 3GPP Dependencies by Area



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Presence Dependencies



DraftBaseName	IETF Status	3GPP Priority	IETF WG
ietf-simple-presence-rules	In progress	Critical	SIMPLE
ietf-simple-rpid	In progress	Critical	SIMPLE
ietf-simple-partial-notify	In progress	Critical	SIMPLE
ietf-simple-partial-pidf-format	In progress	Critical	SIMPLE
ietf-simple-cipid	In Progress	Critical	SIMPLE
ietf-simple-prescaps-ext	In progress	Critical	SIMPLE
ietf-simple-xcap-package	In progress	Critical	SIMPLE
ietf-simple-presence-data-model	In Progress	Critical	SIMPLE
ietf-simple-xcap-pidf-manipulation-usage	IESG Evaluation	Critical	SIMPLE
ietf-simple-filter-format	IESG Evaluation	Critical	SIMPLE
ietf-simple-event-filter-funct	IESG Evaluation	Critical	SIMPLE
ietf-simple-event-list	IESG Evaluation	Critical	SIMPLE
ietf-simple-xcap	IESG Evaluation	Critical	SIMPLE
ietf-geopriv-pidf-lo	RFC Ed Queue	Critical	GEOPRIV
ietf-simple-xcap-list-usage	RFC Ed Queue	Critical	SIMPLE
ietf-impp-pres	RFC 3859	Critical	IMPP
ietf-impp-cpim-pidf	RFC 3863	Critical	IMPP
ietf-impp-srv	RFC 3861	Critical	IMPP
ietf-simple-winfo-package	RFC 3857	Critical	SIMPLE
ietf-simple-winfo-format	RFC 3858	Critical	SIMPLE
ietf-simple-presence	RFC 3856	Critical	SIMPLE
ietf-sip-publish	RFC 3903	Critical	SIP

Presence Dependencies (Cont.)

DraftBaseName	IETF Status	3GPP Priority	IETF WG
geopriv-common-policy	In progress	Desirable	GEOPRIV
rosenberg-simple-common-policy-caps	In Progress	Desirable	SIMPLE
ietf-simple-partial-publish	In progress	Desirable	SIMPLE
rosenberg-simple-pres-policy-caps	In Progress	Desirable	SIMPLE
ietf-sipping-config-framework	In Progress	Desirable	SIPPING
ietf-tls-rfc2246-bis	In Progress	Desirable	TLS
ietf-sip-content-indirect-mech	IESG Evaluation	Desirable	SIP

Messaging Dependencies

DraftBaseName	IETF Status	3GPP Priority	IETF WG
ietf-simple-message-sessions	In Progress	Critical	SIMPLE
ietf-impp-srv	RFC 3861	Critical	IMPP
ietf-impp-im	RFC 3860	Critical	IMPP
ietf-impp-cpim-msgfmt	RFC 3862	Critical	IMPP
ietf-simple-iscomposing	RFC 3994	Critical	SIMPLE
ietf-sipping-uri-list-message	In Progress	Desirable	SIPPING

Conferencing Dependencies

DraftBaseName	IETF Status	3GPP Priority	IETF WG
ietf-sipping-conferencing-framework	In progress	Critical	SIPPING
ietf-sipping-conference-package	In progress	Critical	SIPPING
ietf-sipping-cc-conferencing	In progress	Critical	SIPPING
ietf-sip-callee-caps	RFC 3840	Critical	SIP
ietf-sip-callerprefs	RFC 3841	Critical	SIP
ietf-sip-referredby	RFC 3892	Desirable	SIP

WLAN Interworking Dependencies

DraftBaseName	IETF Status	3GPP Priority	IETF WG
ietf-geopriv-radius-lo	In Progress	Critical	GEOPRIV
adrange-radius-chargeable-user-id	In Progress	Critical	RADEXT
ietf-aaa-diameter-nasreq	RFC Ed Queue	Critical	AAA
ietf-aaa-diameter-cc	RFC Ed Queue	Critical	AAA
ipsec-ikev2-algorithms	RFC Ed Queue	Critical	IPSEC
ietf-ipsec-ui-suites	RFC Ed Queue	Critical	IPSEC
ietf-ipsec-ikev2	RFC Ed Queue	Critical	IPSEC
eap-rfc2284bis	RFC 3748	Critical	EAP
ipsec-udp-encaps	RFC 3948	Critical	IPSEC
adrange-eap-network-discovery	In Progress	Critical (Informational OK)	EAP
haverinen-pppext-eap-sim	RFC Ed Queue	Critical (Informational OK)	EAP
arkko-pppext-eap-aka	RFC Ed Queue	Critical (informational OK)	EAP
eap-keying	In Progress	Critical(Informational OK)	EAP
ietf-radext-rfc2486bis	IESG Evaluation	Critical(Informational OK)	RADEXT
ietf-aaa-eap	RFC Ed Queue	Critical(Informational OK)	AAA

Codec/AVT Dependencies

DraftBaseName	IETF Status	3GPP Priority	IETF WG
ietf-avt-rtp-amrwbplus	In Progress	Critical	AVT
ietf-avt-rtp-3gpp-timed-text	In Progress	Critical	AVT
ietf-avt-rtcp-feedback	IESG Evaluation	Critical	AVT
ietf-avt-rtp-dsr-codecs	RFC Ed Queue	Critical	AVT
ietf-avt-rtp-h264	RFC 3984	Critical	AVT
singer-avt-3gpp-mime	RFC 3839	Critical	AVT
ietf-avt-rtcp-report-extns	RFC 3611	Critical	AVT
ietf-avt-rtp-retransmission	AD Evaluation	Desirable	AVT

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Other Dependencies

DraftBaseName	IETF Status	3GPP Priority	IETF WG
mehta-rmt-flute-sdp	In Progress	Critical	RMT MMUSIC
ietf-mmusic-sdp-srcfilter	IESG Evaluation	Critical	MMUSIC
ipsec-ikev2-algorithms	RFC Ed Queue	Critical	IPSEC
ietf-pkix-rfc2510bis	RFC Ed Queue	Critical	PKIX
ipsec-udp-encaps	RFC 3948	Critical	IPSEC
ietf-rmt-flute	RFC 3926	Critical	RMT
ietf-tls-psk	In Progress	Desirable	TLS
ietf-mmusic-sdp-new	IESG Evaluation	Desirable	MMUSIC
ietf-sip-content-indirect-mech	IESG Evaluation	Desirable	SIP
ietf-krb-map-doi	RFC Ed Queue	Desirable	IPSEC
ietf-ngtrans-isatap	RFC Ed Queue	Desirable	NGTRANS
ietf-v6ops-3gpp-analysis	IESG Evaluation	Desirable (RFC not necessary)	V6OPS
ietf-v6ops-3gpp-cases	RFC 3574	Desirable (RFC not necessary)	V6OPS
ietf-sip-session-timer	RFC Ed Queue	Nice to Have	SIP
ietf-mmusic-sdp-bwparam	RFC 3890	Nice to Have	MMUSIC
ietf-sip-join	RFC 3911	Nice to Have	SIP
ietf-sip-replaces	RFC 3891	Nice to Have	SIP
ietf-sipping-early-media	RFC 3960	Nice to Have (RFC not necessary)	SIPPING

3GPP IETF Dependencies and Priorities

Notes:

- a. This dependency and priority is based on the information available as of March 3, 2005
- 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

#	Title	DraftBaseName	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status
1	Diameter Credit Control Application	ietf-aaa-diameter-cc	COMPLETED except for publication	Definite	Critical	Prepaid charging	Cannot do IMS pre-paid	SA5	Rel 5 & Rel 6	AAA	RFC Ed Queue
2	SDP: Session Description Protocol	ietf-mmusic-sdp-new	High	Possible	Desirable	New version of SDP	Must use old version	CN1	Rel 5 & Rel6	MMUSIC	IESG Evaluation
3	Diameter Network Access Server Application	ietf-aaa-diameter-nasreq	COMPLETED except for publication	Definite	Critical	WLAN charging	Cannot use Diameter for charging collection	SA2 CN4	Rel 6	AAA	RFC Ed Queue
4	Diameter Extensible Authentication Protocol (EAP) Application	ietf-aaa-eap	High	Definite	Critical(Informational OK)	Use of EAP in WLAN environments	Cannot reuse 3GPP security in WLAN	SA2 SA3	Rel 6	AAA	RFC Ed Queue
5	Extended RTP Profile fo RTCP-based Feedback (RTP/AVPF)	ietf-avt-rtcp-feedback	High	Definite	Critical	Improved feedback mechanism for Audio Visual Profile	AV stream QoS degrades	SA4	Rel 6	AVT	IESG Evaluation
6	RTP Control Protocol Extended Reports (RTCP XR)	ietf-avt-rtcp-report-extns	COMPLETED	Definite	Critical	Improved RTCP reporting	AV stream QoS degrades	SA4	Rel 6	AVT	RFC 3611

#	Title	DraftBaseName	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status
7	RTP Payload format for 3GPP Timed Text	ietf-avt-rtp-3gpp-timed-text	High	Possible	Critical	Support of timed text in streaming	Cannot provide timed text	SA4	Rel 6	AVT	In Progress
8	RTP Payload Format and AMRWB+ Audio Codec	ietf-avt-rtp-amrwbplus	High	Definite. Needed in AMR-WB+ codec selected by 3GPP	Critical	Support of AMRWB+	Cannot support AMR wB+ codec	SA4	Rel 6	AVT	In Progress
9	RTP Payload Formats for ETSI Standard ES 202 050, ES 202 211, and ES 202 212 Distributed Speech Recognition Encoding	ietf-avt-rtp-dsr-codecs	COMPLETED except for publication	Definite	Critical	RTP Support for DSR	Speech enabled services over IP with recommended codec not possible	SA4	Rel 6	AVT	RFC Ed Queue
10	RTP payload Format for JVT Video	ietf-avt-rtp-h264	COMPLETED	Definite	Critical	Support of H.264 codec	Cannot support H.264 codec	SA4	Rel 6	AVT	RFC 3984
11	RTP Retransmission Payload Format	ietf-avt-rtp-retransmission	High	Possible	Desirable	Improved error resilience in PSS	Lower QoS in PSS	SA4	Rel 6	AVT	AD Evaluation
12	MIME Type Registrations for 3GPP Multimedia files	singer-avt-3gpp-mime	COMPLETED	Definite	Critical	MIME type for 3GPP AV files	3GPP types not properly registered	SA4	Rel 6	AVT	RFC 3839
13	Mediating Network Discovery in the EAP	adrangi-eap-network-discovery	High	Definite	Critical (Informational OK)	Use EAP information for Network Discovery	Cannot do WLAN roaming	CN1 SA2 SA3	Rel 6	EAP	In Progress
14	EAP AKA Authentication	arkko-pppext-eap-aka	COMPLETED except for Publication	Definite	Critical (informational OK)	AKA in EAP	Use of AKA with alternate access methods (such as WLAN)	CN1 CN4 SA3	Rel 6	EAP	RFC Ed Queue
15	EAP Key Management Framework	eap-keying	High	Definite	Critical(Informational OK)	How to use EAP for generating, transporting keys for WLAN authentication	Cannot do WLAN authentication or provide secondary keys	CN1 CN4 SA3	Rel 6	EAP	In Progress
16	Extensible Authentication Protocol	eap-rtc2284bis	COMPLETED	Definite	Critical	EAP extensions to allow use in authentication over WLAN	Cannot do WLAN authentication	CN4 SA3	Rel 6	EAP	RFC 3748
17	EAP SIM Authentication	haverinen-pppext-eap-sim	COMPLETED except for Publication	Definite	Critical (Informational OK)	Use of EAP to carry SIM info	Cannot reuse 2G security in WLAN	SA2 SA3	Rel 6	EAP	RFC Ed Queue
18	A Document Format for Expressing Privacy Preferences	geopriv-common-policy	High	Definite - Needed to describe how location privacy is handled	Desirable	Handling of Location info in Presence	Privacy not consistently handled	CN1	Rel 6	GEOPRIV	In progress
19	Advanced Instant Messaging Requirements for SIP	ietf-geopriv-pidf-lo	High	Definite	Critical	Carrying location info in presence	Insufficient Presence Service	CN1	Rel 6	GEOPRIV	RFC Ed Queue
20	Carrying Location Objects in RADIUS	ietf-geopriv-radius-lo	High	Definite	Critical	Collection of info about visited environment	Cannot provide location aware charging, authentication or authorization	CN4	Rel 6	GEOPRIV	In Progress
21	Common Presence and Instant Messaging: Message Format	ietf-imp-pcimp-msgfmt	COMPLETED	Definite	Critical	IMS Messaging	IMS Messaging not Available	CN1	Rel 6	IMPP	RFC 3862
22	CPIM Presence Information Data Format	ietf-imp-pcimp-pidf	COMPLETED	Definite	Critical	Presence	Presence Service not Available	CN1	Rel 6	IMPP	RFC 3863

#	Title	DraftBaseName	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status
23	Common Profile for IM	ietf-imp-p-im	COMPLETED	Definite	Critical	IMS Messaging	Interoperability with CPIM compromised.	CN1	Rel 6	IMPP	RFC 3860
24	Common Profile for Presence	ietf-imp-p-pres	COMPLETED	Definite	Critical	Presence	Interoperability with CPIM compromised.	CN1	Rel 6	IMPP	RFC 3859
25	Address Resolution for IM and Presence	ietf-imp-p-srv	COMPLETED	Definite	Critical	Presence & IMS Messaging	Interoperability with CPIM compromised.	CN1	Rel 6	IMPP	RFC 3861
26	The MAP Security Domain of Interpretation for ISAKMP	arkko-map-doi	COMPLETED except for publication	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	RFC Ed Queue
27	Internet Key Exchange (IKEv2) Protocol	ietf-ipsec-ikev2	COMPLETED except for publication	Definite	Critical	Secure WLAN Interworking	Improvements to IKE needed for WLAN	SA3	Rel 6	IPSEC	RFC Ed Queue
28	Cryptographic Suites for IPsec	ietf-ipsec-ui-suites	COMPLETED except for publication	Definite	Critical	Secure WLAN Interworking	IKEv2 profiles for I-WLAN	SA3	Rel 6	IPSEC	RFC Ed Queue
29	Cryptographic Algorithms for use in the Internet Key Exchange Version 2	ipsec-ikev2-algorithms	COMPLETED except for publication	Definite	Critical	Poor ikev2 interoperability	Nodes may not be able to negotiate mutual security algorithms	SA3	Rel 6	IPSEC	RFC Ed Queue
30	UDP Encapsulation of Ipsec ESP Packets	ipsec-udp-encaps	COMPLETED	Definite	Critical	NAT traversal	Cannot traverse NATPTs	SA3	Rel 6	IPSEC	RFC 3948
31	The tel URI for Telephone Numbers	ietf-iptel-rfc2806bis	COMPLETED	Definite	Critical	Define a tel URI	Cannot contact E.164 addressed users	CN1	Rel 6	IPTEL	RFC 3966
32	The Key ID Information Type for the General Extension Payload in MIKEY	carrara-newtype-keyid	High	Definite	Critical	Key transport in MMS	No secure streams or difficulty in distributing keys	SA3	Rel 6	MIKEY	In Progress
33	A Transport Independent Bandwidth Modifier for SDP	ietf-mmusic-sdp-bwparam	COMPLETED	Possible	Nice to Have	Media provisioning	Inconsistent bandwidth allocation	CN1	Rel 6	MMUSIC	RFC 3890
34	Session Description Protocol (SDP) Source Filters	ietf-mmusic-sdp-srcfilter	High	Definite	Critical	Proved receiver with source multicast address	Source filtering not possible	SA4	Rel 6	MMUSIC	IESG Evaluation
35	Intra-Site Automatic Tunnel Addressing Protocol (ISATAP)	ietf-ngtrans-isatap	COMPLETED except for publication	Definite	Desirable	Tunnelling IPv6 sessions over IPv4 PDP contexts	IPv6 users cannot roam to networks supporting IPv4 only.	SA2	Rel 6	NGTRANS	RFC Ed Queue
36	Internet X.509 Public Key Infrastructure Certificate Management Protocol	ietf-pkix-rfc2510bis	COMPLETED except for publication	Definite	Critical	Management of Certificates for Network Domain Security	Manual methods of managing Certificates must be used with admin overhead and likely security lapses.	SA3	Rel 6	PKIX	RFC Ed Queue
37	Chargeable User Identity	adrangi-radius-chargeable-user-id	High	Definite	Critical	WLAN	Must use private ID which lowers security	CN4	Rel 6	RADEXT	In Progress
38	The Network Access Identifier	ietf-radext-rfc2486bis	High	Definite	Critical (Informational OK)	NAI format for Network Selection	Cannot do WLAN roaming	CN1 SA2 SA3	Rel 6	RADEXT	IESG Evaluation
39	FLUTE – File Delivery over	ietf-rmt-flute	COMPLETED	Definite	Critical	Defines unidirectional	Cannot do MBMS file	SA4	Rel 6	RMT	RFC 3926

#	Title	DraftBaseName	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status
	Unidirectional Transport					file transport protocol	download				
40	SDP Descriptors for FLUTE	mehta-rmt-flute-sdp	High	Definite	Critical	Using the same identifier for FLUTE over UPD in both IETF and 3GPP domain	3GPP will define its own protocol identifier for FLUTE over UPD	SA4	Rel 6	RMT MMUSIC	In Progress
41	Contact Information in Presence Information Data Format	ietf-simple-cipid	High	Definite	Critical	Contact Info	Insufficient Presence Service	CN1	Rel 6	SIMPLE	In progress
42	Functional Description of Event Notification Filtering	ietf-simple-event-filter-funct	High	Definite	Critical	Filtering Mechanism	insufficient Presence Service	CN1	Rel 6	SIMPLE	IESG Evaluation
43	SIP Event Notification Extension for Collections	ietf-simple-event-list	High	Definite	Critical	To subscribe to collections of event packages	Inefficient or limited Presence service	CN1	Rel 6	SIMPLE	IESG Evaluation
44	An Extensible Markup Language (XML) Based Format for Event Notification Filtering	ietf-simple-filter-format	High	Definite	Critical	Filter Data Structure	insufficient Presence Service	CN1	Rel 6	SIMPLE	IESG Evaluation
45	Is-composing Indication for Instant Messaging Using SIP	ietf-simple-iscomposing	COMPLETED	Definite	Critical	IMS Messaging	No information that user is composing a message	CN1	Rel 6	SIMPLE	RFC 3994
46	The Message Session Relay Protocol	ietf-simple-message-sessions	High	Definite	Critical	IMS Messaging	No sessionbased instant messaging (including chat)	CN1	Rel 6	SIMPLE	In Progress
47	Partial Notification of Presence Information	ietf-simple-partial-notify	High	Definite- solution to requirements in draft-ietf-simple-presinfo-deliv-reqs	Critical	Partial notification	Presence statemust be completely refreshed	CN1	Rel 6	SIMPLE	In progress
48	Presence Information Data Format (PIDF) Extension for Partial Presence	ietf-simple-partial-pidf-format	High	Definite- Solution to requirements in draft-ietf-simple-presinfo-deliv-reqs	Critical	Partial notification	Presence statemust be completely refreshed	CN1	Rel 6	SIMPLE	In progress
49	Partial Publication of Presence Information	ietf-simple-partial-publish	High	Possible	Desirable	Ability to only update some presence info	Inefficient presence service	CN1	Rel 6	SIMPLE	In progress
50	User Agent Capability Presence Status Extension	ietf-simple-prescaps-ext	High	Definite	Critical	UEs can indicate presence capabilities	insufficient Presence Service	CN1	Rel 6	SIMPLE	In progress
51	SIP Extensions for Presence	ietf-simple-presence	COMPLETED	Definite	Critical	Presence	Presence Service not Available	CN1CN5	Rel 6	SIMPLE	RFC 3856
52	A Data Model for Presence	ietf-simple-presence-data-model	High	Definite	Critical	Required for presence server to produce consistent presence state	inconsistent presence data delivered	CN1	Rel 6	SIMPLE	In Progress
53	XCAP Usages for Setting Presence Authorization	ietf-simple-presence-rules	High	Definite- Solution to requirements in draft-ietf-simple-data-req	Critical	Protocol for presence data manipulation	User cannot manage lists and authorization	CN1	Rel 6	SIMPLE	In progress
54	RPID – Rich Presence Information Data Format	ietf-simple-rpid	High	Definite	Critical	Presence	3GPP specific format used. Interoperability	CN1	Rel 6	SIMPLE	In progress

#	Title	DraftBaseName	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status
							compromised.				
55	An XML Based Format for Watcher Information	ietf-simple-winfo-format	COMPLETED	Definite	Critical	Presence	Presence Service not Available	CN1	Rel 6	SIMPLE	RFC 3858
56	A SIP Event Sub-Package for Watcher Information	ietf-simple-winfo-package	COMPLETED	Definite	Critical	Presence	Presence Service not Available	CN1	Rel 6	SIMPLE	RFC 3857
57	The Extensible Markup Language (XML) Configuration Access Protocol (XCAP)	ietf-simple-xcap	High	Definite- Solution to requirements in draft-ietf-simple-data-req	Critical	Protocol for presence data manipulation	User cannot manage lists and authorization	CN1	Rel 6	SIMPLE	IESG Evaluation
58	XCAP Usage for Resource Lists	ietf-simple-xcap-list-usage	COMPLETED Except for publication	Definite- Solution to requirements in draft-ietf-simple-data-req	Critical	Protocol for presence data manipulation	User cannot manage lists and authorization	CN1	Rel 6	SIMPLE	RFC Ed Queue
59	A SIP Event Package for Modification Events for XCAP Documents	ietf-simple-xcap-package	High	Definite- Solution to requirements in draft-ietf-simple-data-req	Critical	Protocol for presence data manipulation	User cannot manage lists and authorization	CN1	Rel 6	SIMPLE	In progress
60	XCAP Usage for Publishing Presence Information	ietf-simple-xcap-pidf-manipulation-usage	High	Definite- Solution to requirements in draft-ietf-simple-data-req	Critical	Protocol for presence data manipulation	Cannot support hard state requirements	CN1	Rel 6	SIMPLE	IESG Evaluation
61	An XML Representation for Expressing Policy Capabilities	rosenberg-simple-common-policy-caps	High	Definite	Desirable	Allow discovery of policies of a server	Poor interoperability	CN1	Rel 6	SIMPLE	In Progress
62	An XML Representation for Expressing Presence Policy Capabilities	rosenberg-simple-pres-policy-caps	High	Definite	Desirable	Allow discovery of policies of a presence server	Poor presence interoperability	CN1	Rel 6	SIMPLE	In Progress
63	Indicating User Agent Capabilities in SIP	ietf-sip-callee-caps	COMPLETED	Definite	Critical	Conferencing and multiple terminals	Cannot indicate conferencing capabilities	SA2 CN1	Rel 6	SIP	RFC 3840
64	Caller Preferences and Callee Capabilities for SIP	ietf-sip-callerprefs	COMPLETED	Definite	Critical	Conferencing and multiple terminals	Cannot indicate conferencing preferences and multiple terminals	SA2 CN1	Rel 6	SIP	RFC 3841
65	A Mechanism for Content Indirection in SIP Messages	ietf-sip-content-indirect-mech	High	Definite- Solution to requirements in draft-ietf-sipping-content-indirect	Desirable	Content Indirection Mechanism	All content must be carried inline	CN1	Rel 6	SIP	IESG Evaluation
66	The SIP "Join" Header	ietf-sip-join	COMPLETED	Possible	Nice to Have	Call Monitoring, etc.	These features not easily available	CN1	Rel 6	SIP	RFC 3911
67	SIP Extension for Event State Publication	ietf-sip-publish	COMPLETED	Possible- One solution to requirements in draft-ietf-simple-publish reqs	Critical	Protocol for composing state information	Presence Service not Available	CN1	Rel 6	SIP	RFC 3903
68	The SIP Referred-By Mechanism	ietf-sip-referredby	COMPLETED	Possible	Desirable	Call Transfer, Conferencing	Less efficient call transfers and conferencing	CN1	Rel 6	SIP	RFC 3892
69	The SIP "Replaces" Header	ietf-sip-replaces	COMPLETED	Possible	Nice to Have	Call Transfer	Less efficient call transfers	CN1	Rel 6	SIP	RFC 3891
70	Session Timers in the SIP	ietf-sip-session-timer	COMPLETED except for	Possible	Nice to Have	Clean up lost sessions	Possible memory leaks	CN1	Rel 6	SIP	RFC Ed Queue

#	Title	DraftBaseName	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status
			publication								
71	SIP Call Control – Conferencing for User Agents	ietf-sipping-cc-conferencing	High	Definite	Critical	Conferencing	Conferencing Service not Available	CN1	Rel 6	SIPPING	In progress
72	A SIP Event Package for Conference State	ietf-sipping-conference-package	High	Definite	Critical	Conferencing	Conferencing Service not Available	CN1	Rel 6	SIPPING	In progress
73	A Framework for Conferencing with SIP	ietf-sipping-conferencing-framework	High	Definite	Critical	Conferencing	Conferencing Service not Available	CN1	Rel 6	SIPPING	In progress
74	A Framework for SIP UA Profile Delivery	ietf-sipping-config-framework	High	Possible	Desirable	Presence	Cannot deliver profile info to terminal	CN1	Rel 6	SIPPING	In Progress
75	Early Media and Ringback Tone Generation in SIP	ietf-sipping-early-media	COMPLETED	Possible (requirements are needed, but contents under discussion).	Nice to Have (RFC not necessary)	Early Media for IVR support	Inconsistent handling of early media	CN1	Rel 6	SIPPING	RFC 3960
76	Multiple-Recipient MESSAGE Requests in the Session Initiation Protocol (SIP)	ietf-sipping-uri-list-message	High	Definite	Desirable	Delivery of Message to multiple recipients	Unclear specifications for delivery to multiple recipients	CN1	Rel 6	SIPPING	In Progress
77	Pre-Shared Key Ciphersuites for Transport Layer Security	ietf-tls-psk	High	Definite	Desirable	Use of pre-shared keys for TLS	pre-shared keys for TLS not available	SA3	Rel 6	TLS	In Progress
78	The TLS Protocol Version 1.1	ietf-tls-rfc2246-bis	High	Definite	Desirable	More secure presence	Must use TLS 1.0	SA3	Rel 6	TLS	In Progress
79	Analysis of Ipv6 Transition in 3GPP Networks	ietf-v6ops-3gpp-analysis	High	Definite	Desirable (RFC not necessary)	Identifies 3GPP Ipv6 transition scenarios	3GPP operators receive poor guidance on Ipv6 implementation strategies	SA2 CN3	Rel 6	V6OPS	IESG Evaluation
80	Transition Scenarios for 3GPP Networks	ietf-v6ops-3gpp-cases	COMPLETED	Definite	Desirable (RFC not necessary)	Identifies 3GPP Ipv6 transition scenarios	3GPP operators receive poor guidance on Ipv6 implementation scenarios	SA2 CN3	Rel 6	V6OPS	RFC 3574
81	Solution for SIP-based Emergency Calls	schulzrinne-sipping-emergency-arch	Medium	Possible– One solution 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 7	SIPPING	In progress

A PDF version of this document is available [here](#)

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
2002-08-16	6.0.0	Moved MapDol to Rel-6. Moved ietf-sip-message to Rel-6. Moved ietf-ipv6-dns-discovery to Rel-6. Replaced mpnb-sip-visited-network-id, mills-sip-Access-Network-Info, mpnb-sip-called-party-id, mpnb-sip-associated-uri, henrikson-sip-charging-information with mpnb-sipping-3gpp-p-headers. Removed hendrikson-sip-original-dialog-id. Replaced beckmann-sip-reg-event with mpnberg-sip-reg-event. Added possible Rel-6 dependency on camarillo-sip-compression. Added soinin-en-gtrans-3gpp-cases and wiljakka-3gpp-ipv6-transition. Added ietf-mmusic-fid and camarillo-mmusic-separate-streams as possible dependencies. Updated stale links.
2002-08-21	6.0.1	Added dependency on ietf-sip-callerprefs. Updated status of dependencies.
2002-11-04	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.
2002-11-27	6.0.3	Aligned states with ietf-id-tracker. Updated status of dependencies.
2002-12-02	6.0.4	Added ietf-aaa-eap and haverinen-pppext-eap-sim dependencies. Sdp-new moved to Rel 6. Updated status of dependencies.
2003-01-06	6.0.5	Updated status of items. Sip-compression moved to Rel 5. Added RFC#'s for those items published.
2003-01-25	6.0.6	Updated status of items.
2003-03-07	6.0.7	Updated status of items. Removed NASREQ dependency. Updated status of dependencies.
2003-04-08	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.
2003-04-13	6.1.1	Refer removed out since now a completed Rel 5 dependency.
2003-04-25	6.1.2	Removed duplicate row for olson-simple-publish
2003-05-27	6.1.3	Removed ipv6-dns-discovery and Rosenberg-sipping-lease. Added dependency on lonnfors-simple-binpdf 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.
2003-09-12	6.1.4	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
2003-12-04	6.1.5	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-amrwbplus. Added adrangi-eap-network-discovery-and-selection. Removed expired schulzrinne-sip-bind.
2004-02-11	6.1.6	Added dependencies from SA3: pkix-rfc2510bis, ipsec-pki-profile, hoffman-pki4ipsec-profile, eap-rfc2284bis, eap-keying. Added dependency on aaa-diameter-nasreq for WLAN. Added simple-partial-pdf-format. Added lonnfors-simple-prescaps, ietf-simple-filter-func, ietf-simple-filter-format, peterson-geopriv-pdf-lo, ietf-simple-cipid. Removed simple-xcap-package, khartabil-simple-presence-filter, khartabil-simple-winfo-filter, lonnfors-simple-binpdf. Made aaa-diameter-cc & mmusic-sdp-new both Rel 5 & Rel 6 dependencies. Updated status of dependencies.
2004-03-08	6.1.7	Removed draft-camarillo-mmusic-source-sink. Added schulzrinne-sipping-emergency-arch. Removed even-xcon media-policy-requirements, mahy-xcon-media-policy-control. Replaced isomaki-simple-xcap-publish-usage with isomaki-simple-xcap-pdf-manipulation-usage. Added ietf-rmt-flute. Updated status of dependencies.
2004-05-25	6.1.8	Replaced adrangi-network-discovery-and-selection with adrangi-network-discovery and arko-roamops-rfc2486bis. Replaced simple-xcap-auth-usage with simple-presence-rules. Added simple-xcap-package, lonnfors-simple-partial-publish, sipping-conference-package. Added rosen-xcon-conf-sidebars and sip-session-timer. Removed many expired requirements drafts: simple-data-req, simple-publish-reqs, kiss-simple-presence-reqs, simple-presinfo-deliv-reqs, niemi-simple-im-wireless-reqs, sipping-event-throttle-reqs, sipping-req-history, sipping-conferencing-requirements. Emergency call related drafts moved to Rel 7. Updated status of items.
2004-05-26	6.1.9	Added ietf-ipsec-ikev2, ietf-ipsec-ui-suites.
2004-09-06	6.2.1	Major cleanup of dependencies as Rel 6 freeze approaches. Removed no longer needed requirements drafts: sipping-session-policy-req, xcon-cpcp-reqs, xcon-floor-control-req, sipping-aaa-req, rosenberg-simple-messaging-requirements, simple-pres-filter-reqs, simple-winfo-filter-reqs. Removed expired drafts which are not being progressed: ietf-sip-congestsafe, schulzrinne-sipping-emergency-req. Removed solutions not referenced in Rel 6: sip-join, elmalki-sipping-3gpp-translator, sipping-transc-3gpp, sip-history-info, ipsec-pki-profile, hoffman-pki4ipsec-profile, ietf-sipping-session-spec-policy, hilt-sipping-session-spec-policy, aaa-diameter-sip-app, mmusic-sdp-comedia, sipping-transc-b2bua, sipping-transc-framework. Removed completed Rel 5 dependencies: sipping-3gpp, sipping-reg-event., Replaced koskelainen-xcon-cpcp-usage with ietf-xcon-cpcp-xcap. Added dependencies: tls-psk, rosenberg-simple-pres-policy-caps, rosenberg-simple-common-policy-caps, geopriv-common-policy, tls-2246bis, ipsec-ikev2-algorithms, ipsec-udp-encaps, ngtrans-isatap, mehta-rmt-flute-sdp. Updated status of items.
2004-12-03	6.2.2	Replaced link column with basedraftname column. Removed IESG approval and RFC Ready columns. Added ietf-iptel-rfc2806bis, carrara-newtype-keyid, adrangi-radius-chargeable-user-id, ietf-simple-presence-data-model, ietf-sip-join, ietf-sipping-config-framework, ietf-xcon-conference-policy-privileges. Removed niemi-sipping-event-throttle. Updated status of items.

Date	Version	Description of Change
2005-03-03	6.2.3	Removed cpcp and bfcf drafts. Added sipping-uri-list-message. Updated status of items. Changed risk of non-completed Rel 6 items to high.