

*Version Date: January 13, 2003*



**3RD GENERATION  
PARTNERSHIP  
PROJECT 2  
"3GPP2"**

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## ***3GPP2-IETF Draft Dependencies***

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Notes:

- This dependency and priority is based on the information available as of the revision date of this document.
- Where individual IDs are listed, there is a desire that an ID providing similar requirements or functionality be progressed within the working group.
- The RISK column indicates how much risk is perceived for the draft to progress to RFC status in the required timeframe. Risk values are indicated as: CRITICAL, HIGH, MEDIUM, or LOW. Items with a critical risk of not being complete in time are marked in red. Items with high risk are in yellow.
- The HOW DEFINITE column indicates how firm the 3GPP2 requirement for this ID is. Those listed as POSSIBLE are still under discussion; those listed as DEFINITE are in baseline document text.
- The 3GPP2 PRIORITY column indicates how critical the functionality of the draft is for the 3GPP2 specification. PRIORITY values are DESIRABLE, HIGH and CRITICAL.
- The 3GPP2 NEED column briefly describes the basic functional need.
- The CONSEQUENCES IF NOT DONE column describes the consequence to the 3GPP2 specification functionality if the draft is not released to RFC status in time.
- IETF/IESG STATUS based on "IETF ID Tracker" @ <https://datatracker.ietf.org/public/pidtracker.cgi>

Change Log

Date	Description of Change
10 July 2002	Initial Release
9 August 2002	Addition of 0-byte Support for R-mode in Link-Layer Assisted Profile, status updates
13 September 2002	Status updates
9 December 2002	Additional SIP/SIPPING drafts, status updates, combine IESG & IETF columns - begin using IETF ID Tracker
13 January 2003	Add "Generalized Mobile IPv4 Extension" draft

	Title	Link	Risk	How definite?	3GPP2 priority	3GPP2 Need	Consequences if not done	3GP P2 TSG	3GPP 2 release	IETF WG		IETF /IESG Status	RFC Ready
	Differentiated Services Quality of Service Policy Information Base	draft-ietf-diffserv-pib-09.txt	High	Possible	Desirable	Use of COPS for control of resources	cannot inherit the Diffserv Objects in cdma2000 PIB	P	P.S000 1-D	DIFFSERV		RFC Ed Queue	
	Dynamic Host Configuration	draft-ietf-dhc-dhcpv6-28.txt	Medium	Possible	Desirable	Use IPv6 addr if DHCP		P/N	P.S000 1-D	IPv6		IESG Evaluation/	

	Protocol for IPv6 (DHCPv6)					used.						AD Followup	
	AAA IPv6 Network Access	draft-perkins-aaav6-06.txt	High	Definite	Critical			P	ASAP	IPv6		Expired	
	Well known site local unicast addresses for DNS resolver	draft-ietf-ipv6-dns-discovery-07.txt		Possible	Critical			P	P.S0001-C	IPV6		ID Exists	
	Framework Policy Information Base	draft-ietf-rap-frameworkpib-09.txt	High	Possible	Desirable	Use of COPS for control of resources	COPS cannot use COPS-PR for policy control	P/N	P.S0001-D	RAP		RFC Ed Queue	
	Integration of Resource Management and SIP	draft-ietf-sip-manyfolks-resource-07.txt	None	Definite	High	Need resource reservation	Used in base MMD flows. MMD not viable without it.	N/P	P.S0001-C	SIP			RFC 3312
	DHCPv6 Options for SIP Servers	<a href="http://www.ietf.org/internet-drafts/draft-ietf-sip-dhcpv6-00.txt">http://www.ietf.org/internet-drafts/draft-ietf-sip-dhcpv6-00.txt</a>	High	Definite	Desirable	SIP server discovery.	Must rely on discovery mechanisms	N		SIP		RFC Ed Queue	
	The SIP Refer Method	<a href="http://www.ietf.org/internet-drafts/draft-ietf-sip-refer-06.txt">http://www.ietf.org/internet-drafts/draft-ietf-sip-refer-06.txt</a>	High	Definite	Desirable	Needed for 3 <sup>rd</sup> parties	No call forwarding, conf calling	N		SIP		IESG Evaluation	
	Security Mechanism Agreement for SIP Sessions	<a href="http://www.ietf.org/internet-drafts/draft-ietf-sip-sec-agree-04.txt">http://www.ietf.org/internet-drafts/draft-ietf-sip-sec-agree-04.txt</a>	High	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.	N		SIP		RFC Ed Queue	

A Session Initiation Protocol (SIP) Event Package for Registrations	<a href="http://www.ietf.org/internet-drafts/draft-rosenberg-sip-reg-00.txt">http://www.ietf.org/internet-drafts/draft-rosenberg-sip-reg-00.txt</a>	High	Definite	Critical	Event for registration (taken from Presence)	Cannot be notified of registrations	N		SIP			
Best Current Practices for Third Party Call Control in the Session Initiation Protocol	<a href="http://www.ietf.org/internet-drafts/draft-ietf-sipping-3pcc-02.txt">http://www.ietf.org/internet-drafts/draft-ietf-sipping-3pcc-02.txt</a>	High	Definite	Desirable	OSA control of SIP sessions	OSA cannot support IMS	N		SIPPING		IESG Evaluation/AD Follow up	
Private Extensions to the Session Initiation Protocol (SIP) for the 3rd-Generation Partnership Project (3GPP)	<a href="http://www.ietf.org/internet-drafts/draft-garcia-sipping-3gpp-p-headers-01.txt">http://www.ietf.org/internet-drafts/draft-garcia-sipping-3gpp-p-headers-01.txt</a>	High	Definite	Critical	To carry info with the 3GPP2 network	Must revert to carrying info in XML header	N		SIPPING			
The UDP Lite Protocol	draft-ietf-tsvwg-udp-lite-01.txt	Low	Possible	Desirable	UDP Lite transport protocol	Decreased performance for RTP voice compression: significant spectral impact	P	P.S0001-D	TSV		Waiting for Write up/Revised ID needed	
Diameter Base Protocol	draft-ietf-aaa-diameter-15.txt	Low	Definite	Critical	Authentication and Authorization		P, N	ASAP	AAA		IESG Evaluation	
Diameter Mobile IPv4 Application	draft-ietf-aaa-diameter-mobileip-13.txt	Medium	Definite	Critical			P	ASAP	AAA		IESG Evaluation	
Diameter NASREQ Application	draft-ietf-aaa-diameter-nasreq-10.txt	Medium	Definite	Critical			P	ASAP	AAA		AD is Watching	
Diameter	draft-le-aaa-diameter-	High	Definite	Critical	Security and	integrated	P	ASAP	AAA			

	Mobile IPv6 Application	mobileipv6-02.txt				mobility management	access control with MIPv6 dynamic HA						
	Diameter CMS Security Application	draft-ietf-aaa-diameter-cms-sec-04.txt	High	Definite	Desirable			P	P.S000 1-D	AAA			AD is Watching
	Registration Revocation in Mobile IPv4	draft-ietf-mobileip-reg-revok-04.txt	None	Definite	High	Dangling PPP tying up network resources		P	P.S000 1-C	MOBIL EIP			Publication Requested
	AAA Registration Keys for Mobile IP	draft-ietf-mobileip-aaa-key-10.txt	Medium	Definite	Critical			P	P.S000 1-C	MOBIL EIP	Expired		ID Exists
	Mobility Support in IPv6	draft-ietf-mobileip-ipv6-19.txt	Medium	Definite	Critical			P	ASAP	MOBIL EIP			AD is Watching
	AAA NAI for Mobile IPv4 Extension	draft-mobileip-aaa-nai-03.txt	Medium	Definite	Critical	Needed for HAAA selection		P	ASAP	MOBIL EIP			ID Exists
	Generalized Mobile IPv4 Extension	<a href="#">draft-bharatia-mobileip-gen-mipv4-ext-00.txt</a>	Medium	Possible	High	Use to dynamically assign DNS server, and other configuration options in the home network for an MS.	Cannot dynamically assign DNS servers and other configuration options in the home network for an MS.	P	P.S000 1-D	Mobile IP			ID Exists
	RTP Payload Format for Enhanced Variable Rate Codecs (EVRC) and Selectable Mode Vocoders (SMV)	draft-ietf-avt-evrc-smv-03.txt	High	Definite	Critical	Use of RTP packetization for EVRC and SMV codec	Cannot transmit/receive EVRC and SMV RTP packets	C/P/N	C.S00 27, P.S000 1-C	AVT			In Last Call
	0-byte Support for R-mode in Link-Layer	<a href="#">draft-ietf-rohc-rtp-llr-mode-03.txt</a>	High	Definite	High	Additional robustness to 0-byte		P	P.S000 1-C	ROHC			RFC 3408

