Version Date: December 9, 2002

3RD GENERATION PARTNERSHIP PROJECT 2 "3GPP2"

3GPP2-IETF Draft Dependencies

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: CRITICA L, 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 colu mn briefly describes the basic functional need.
- ?? The CONSEQUENCES IF NOT DONE column describes the consequence to the 3GPP2 specification functionality if the draft in 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
13September 2002	Status updates
9December 2002	Additional SIP/SIPPING drafts, status updates, combine IESG & IETF columns - begin using IETF ID Tracker, incorporate ECRTP dependencies

	Title	Link	Risk	How definite?	3GPP2 priority	3GPP2 Need	Consequences if not done	3GPP2 TSG	3GPP2 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.S0001-D	DIFFSERV		RFC Ed Queue	
	Dynamic Host Configuration Protocol for IPv6 (DHCPv6)	draft-ietf-dhc-dhcpv6-28.txt	Medium	Possible	Desirable	Use IPv6 addr if DHCP used.		P/N	P.S0001-D	IPv6		IESG Evaluation/AD Follow up	

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	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	http://www.ietf.org/internet-drafts/draft-ietf-sip-dhcpv6-00.txt	High	Definite	Desirable	SIP server discovery.	Must rely on discovery mechanisms	N		SIP		RFC Ed Queue	
	The SIP Refer Method	http://www.ietf.org/internet-drafts/draft-ietf-sip-refer-06.txt	High	Definite	Desirable	Needed for 3rd parties	No call forwarding, conf calling	N		SIP		IESG Evaluation	

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	Security Mechanism Agreement for SIP Sessions	http://www.ietf.org/internet-drafts/draft-ietf-sip-sec-agree-04.txt	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	http://www.ietf.org/internet-drafts/draft-rosenberg-sip-reg-00.txt	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	http://www.ietf.org/internet-drafts/draft-ietf-sipping-3pcc-02.txt	High	Definite	Desirable	OSA control of SIP sessions	OSA cannot support IMS	N		SIPPING		IESG Evaluation/AD Followup	

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	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-01.txt	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 Writeup /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 Mobile IPv6 Application	draft-le-aaa-diameter-mobileipv6-02.txt	High	Definite	Critical	Security and mobility management	integrated access control with MIPv6 dynamic HA	P	ASAP	AAA			
	Diameter CMS Security Application	draft-ietf-aaa-diameter-cms-sec-04.txt	High	Definite	Desirable			P	P.S0001-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.S0001-C	MOBILEIP		Publication Requested	

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	AAA Registration Keys for Mobile IP	draft-ietf-mobileip-aaa-key-10.txt	Medium	Definite	Critical			P	P.S0001-C	MOBILEIP	Expired	ID Exists	
	Mobility Support in IPv6	draft-ietf-mobileip-ipv6-19.txt	Medium	Definite	Critical			P	ASAP	MOBILEIP		AD is Watching	
	AAA NAI for Mobile IPv4 Extension	draft-mobileip-aaa-nai-03.txt	Medium	Definite	Critical	Needed for HAAA selection		P	ASAP	MOBILEIP		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.S0027, P.S0001-C	AVT		In Last Call	
	IP Header Compression over PPP	draft-koren-pppext-rfc2509bis-02.txt	High	Definite	Desirable	Header Compression	Cannot incorporate ECRTP	P	P.S0001-C	AVT		AD Evaluation/Revision ID Needed	
	Compressing IP/UDP/RTP headers on links with high delay, packet loss and reordering	draft-ietf-avt-crtp-enhance-05.txt	High	Definite	Desirable	Header Compression	Cannot incorporate ECRTP	P	P.S0001-C	AVT		AD Evaluation/Revision ID Needed	
	0-byte Support for R-mode in Link-Layer Assisted ROHC Profile	draft-ietf-rohc-rtp-lla-r-mode-03.txt	High	Definite	High	Additional robustness to 0-byte		P	P.S0001-C	ROHC			RFC 3408