IETF IP Storage (ips) Working Group WG Internet-Draft Status: November 2002

Summary: 23 drafts total:

- 2 have been published as RFCs.
- 4 are being considered by the IESG after completing IETF Last Call.
- 4 have been forwarded to ADs/IESG after completing WG Last Call.
- 1 is ready for forwarding to ADs/IESG after completing WG Last Call.
- 5 have completed WG Last Call with all technical issues resolved. Editorial updates, nit checks, and/or MIB advisor approval are needed prior to forwarding to the ADs/IESG.
- 4 are in WG Last Call.
- 3 will not be published as RFCs (WG Last Call comment resolution).
- IESG draft tracker https://datatracker.ietf.org/public/pidtracker.cgi
 This tracks status of drafts that have been submitted to the ADs/IESG
 and indicates only the existence of those that have not. Status
 with respect to WG Last Call is not tracked by this tool.
- NOTE: PDF versions for some drafts are for ease of review only. The definitive format for RFCs is text, and it is the text versions that will be forwarded to the IESG for publication as RFCs.

-- Security for all IPS protocols

draft-ietf-ips-security-16.txt To be a proposed standard RFC. Has completed IETF Last Call and is being considered by the IESG.

-- iscsi

draft-ietf-ips-iscsi-19.txt

draft-ietf-ips-iscsi-19.pdf

To become a proposed standard RFC. Has completed WG Last Call and been submitted to the ADs/IESG. -19 version responds to AD review comments and nit checking and should go to IETF Last Call shortly after the Atlanta meeting.

draft-ietf-ips-iscsi-boot-07.txt To become a proposed standard RFC. Has completed WG Last Call and been submitted to the ADs/IESG. New version coming to correct nits. draft-ietf-ips-iscsi-regmts-06.txt has been published as Informational RFC 3347. draft-ietf-ips-iscsi-name-disc-08.txt To become an informational RFC. Has completed WG Last Call and been submitted to the ADs/IESG. draft-ietf-ips-iscsi-slp-04.txt To become a proposed standard RFC. In WG Last Call which will end on December 9. draft-ietf-ips-iscsi-string-prep-03.txt To become a proposed standard RFC. Has completed WG Last Call. Needs to be nit-checked before being forwarded to ADs/IESG. draft-ietf-ips-iscsi-mib-07.txt To be a proposed standard RFC. Has completed WG Last Call, -07 version contains resulting changes. Needs nit check and MIB advisor approval before forwarding to ADs/IESG. Structure diagram available at: ftp://ftpeng.cisco.com/mbakke/ips/iscsi-mib/Visio-ietf-iscsi-uml-model-05.pdf draft-ietf-ips-auth-mib-02.txt To be a proposed standard RFC. User identity information MIB split out from basic iSCSI MIB for more general use, but currently only being used for iSCSI. Has completed WG Last Call, needs nit check and MIB advisor approval before forwarding to ADs/IESG. Structure diagram available at: ftp://ftpeng.cisco.com/mbakke/ips/auth-mib/Visio-ietf-ips-auth-mib-01.pdf draft-sheinwald-iscsi-crc-01.txt has been published as Informational RFC 3385.

-- FC Common Encapsulation

draft-ietf-ips-fcencapsulation-08.txt draft-ietf-ips-fcencapsulation-08.pdf

To be a proposed standard RFC. Has completed IETF Last Call and is being considered by the IESG. -- FCIP draft-ietf-ips-fcovertcpip-12.txt draft-ietf-ips-fcovertcpip-12.pdf To be a proposed standard RFC. Has completed IETF Last Call and is being considered by the IESG. draft-ietf-ips-fcip-slp-04.txt To be a proposed standard RFC. Has completed WG Last Call, and been submitted to ADs/IESG. draft-ietf-ips-fcip-mib-02.txt To be a proposed standard RFC. Has been restructured to align with new structure of FC Management MIB and been reviewed by the WG's MIB Technical Expert. Has completed WG Last Call, needs nit check and MIB advisor approval before forwarding to ADs/IESG. -- iFCP draft-ietf-ips-ifcp-13.txt draft-ietf-ips-ifcp-13.pdf To be a proposed standard RFC. Has completed IETF Last Call and is being considered by the IESG. Some minor technical corrections are necessary that will result in a -14 version. draft-ietf-ips-ifcp-mib-03.txt To be a proposed standard RFC. Has completed WG Last Call, and resulting editorial updates have been applied. Will be forwarded to ADs/IESG after review by the WG's MIB expert. -- isns

draft-ietf-ips-isns-14.txt To be a proposed standard RFC. In WG Last Call which will conclude on December 9, primarily to check resolution of issues raised in first WG Last Call.

The related draft-ietf-dhc-isnsoption-03.txt requests allocation of a DHC option code for iSNS, and is being handled in the DHC WG. draft-ietf-ips-isns-mib-02.txt To be a proposed standard RFC. In WG Last Call which will conclude on December 9 -- SCSI MIB draft-ietf-ips-scsi-mib-04.txt To be a proposed standard RFC. In WG Last call which will conclude on December 9. Structure diagram available at: ftp://ftpeng.cisco.com/mbakke/ips/scsi-mib/Visio-scsi-uml-model-01.pdf Diagram showing relationships among SCSI family of MIBS available at: ftp://ftpeng.cisco.com/mbakke/ips/scsi-mib/Visio-scsi-mib-familv-01.pdf -- Fibre Channel Management MIB draft-ietf-ips-fcmgmt-mib-03.txt To be a proposed standard RFC. This work has been transferred to the IPS WG from the IPFC WG, and the scope has been expanded to include replacement of the FC Fabric Element MIB (RFC 2837). Has completed WG Last Call. -03 version contains minor changes resulting from WG Last Call and will be forwarded to ADs/IESG shortly. -- Last Call Drafts draft-ietf-ips-fcencap-wqlc-01.txt draft-ietf-ips-fcip-wqlc-02.txt draft-ietf-ips-ifcp-wqlcc-00.txt These drafts will not be published as RFCs. They exist solely to record the resolution of WG Last Call comments on the FC Encapsulation. FCIP and iFCP drafts. -- Potential Additional Work Additional drafts may be forthcoming on:

- Issues involved in gateways and bridges between iSCSI and other SCSI protocols. There has been work in this area, but the draft was

not submitted in time for Atlanta meeting.

- Additional MIB(s) that extend the FC Management MIB to cover additional aspects of Fibre Channel.
- iSNS extensions to support FCIP in addition to iFCP and iSNS.
- Addition of a new iSCSI name type (NAA) in order to coordinate SCSI device naming across transports with T10 - this is motivated by VPD usage for multi-protocol devices rather than an iSCSI need for a third class of names.

draft-krueger-iscsi-name-ext-00.txt

- DHCP support for boot failure notification.

draft-bakke-dhc-snmp-trap-00.txt Will also need review in dhc wg and from MIB/SNMP experts.