
Appendix B

Software Specifications

This appendix lists the following information:

- Standards compliance
- RFC support
- Internet drafts support

Standards Compliance

The HP 9304M, HP 9308M, and HP 6208M-SX routing switches and the HP 6208M-SX switch support the following standards.

NOTE: The routing protocol standards apply only to the routing switches.

- IEEE 802.3, 10BaseT
- IEEE 802.3u, 100BaseTX, 100BaseFX
- 802.3z 1000BaseSX, 1000BaseLX
- 802.3x Flow Control
- 802.1p/q VLAN Tagging
- 802.1d Bridging
- 802.3 Ethernet-like MIB
- Repeater MIB
- Ethernet Interface MIB
- SNMPV1
- SNMP MIB II

RFC Support

The following table lists the RFCs supported by the HP 9304M, HP 9308M, and HP 6208M-SX routing switches and the HP 6208M-SX switch.

NOTE: Some devices support only a subset of the RFCs. For example, the HP 6208M-SX switch does not support router-specific RFCs.

Table B.1: RFC Support

RFC Number	Protocol or Standard
768	User Datagram Protocol (UDP)
783	Trivial File Transfer Protocol (TFTP)
791	Internet Protocol (IP)
792	Internet Control Message Protocol (ICMP)
793	Transmission Control Protocol (TCP)
826	Ethernet Address Resolution Protocol (ARP)
854, 855, and 857	Telnet
894	IP over Ethernet frames
903	Reverse ARP (RARP)
906	Bootstrap loading using TFTP
919	Broadcast Internet datagrams
920	Domain requirements
922	Broadcast Internet datagrams in the presence of subnets
950	Internet standard subnetting procedure
951	Bootstrap Protocol (BootP)
1027	Proxy ARP
1042	IP datagrams over IEEE 802 networks (for Ethernet)
1058	Route Information Protocol (RIP) version 1
1060	Assigned numbers (where applicable)
1112	Internet Gateway Management Protocol (IGMP)
1122 and 1123	Requirements for Internet hosts (routers)
1141	Incremental updating of the Internet checksum
1155	Structure and Identification of Management Information (SMI)
1157	Simple Network Management Protocol (SNMP) version 1
1212	Concise MIB Definitions
1213	MIB II Definitions

Table B.1: RFC Support (Continued)

RFC Number	Protocol or Standard
1215	SNMP generic traps
1256	ICMP Router Discovery Protocol (IRDP)
1267	Border Gateway Protocol version 4 (BGP4) MIB
1354	IP Forwarding Table MIB
1398	Ethernet-Like MIB
1493	Bridge MIB (excluding filtering of objects)
1541 and 1542	Dynamic Host Configuration Protocol (DHCP)
1583	Open Shortest Path First (OSPF)
1587	OSPF Not-So-Stubby Areas (NSSAs)
1643	Ethernet Like MIB (incorporates RFC 1398)
1723	RIP version 2
1745	OSPF Interactions
1757	Remote Monitoring (RMON) groups 1, 2, 3, 9
1771	Border Gateway Protocol (BGP) version 4
1812	Requirements for IP version 4 routers
1850	Open Shortest Path First (OSPF) version 2 MIB
1965	BGP Confederations
1997	BGP Communities Attributes
2003	IP Tunneling
2030	Simple Network Time Protocol (SNTP) version 4
2068	HTTP
2138	Remote Authentication Dial In User Server (RADIUS)
2338	Virtual Router Redundancy Protocol (VRRP)

Internet Drafts

In addition to the RFCs listed in “RFC Support” on page B-2, the routing switches support the following Internet drafts:

- IETF-IDMR-DVMRP version 3.05, obsoletes RFC 1075
- IETF-IDMR-PIM-DM 05 (version 1 format)

