

IPv4 Service	IPv4 RFCs	IPv6 Service	IPv6 Equivalent RFCs
<b>Routing</b>			
OSPFv2	RFC 2328	OSPFv3	RFC 5340
RIP	RFC 4822	RIPng	RFC 2080
ISIS	RFC 1195	M-ISIS	RFC 5120
BGPv4	RFC 4271	MBGP	RFC 2545, RFC 3178, RFC 4760
<b>LAN</b>			
VRRPv1/v2	RFC 3768	VRRPv3	RFC 5798
ARP	RFC 826	NDP	RFC 4861
DHCP	RFC 2131, RFC 3396, RFC 4361, RFC 6842	DHCPv6	RFC 3315, RFC 6221, RFC 6422, RFC 6644, RFC 7083, RFC 7227
		SLAAC	RFC 4862, RFC 4941, RFC 6106
<b>DNS</b>			
A Record	RFC 1101	AAAA Record	RFC 3596, RFC 4472
PTR Record	RFC 1912	PTR Record	RFC 3152, RFC 4472
<b>IP Headers</b>			
Router Alert	RFC 2113	Router Alert	RFC 2711, RFC 6398
Fragmentation	RFC 6864	Fragmentation	RFC 2460, RFC 6980
IPTOS/DiffServ	RFC 2474, RFC 3260	IPTOS/DiffServ	RFC 2474, RFC 3260
IPsec	RFC 4301, RFC 4302	IPsec	RFC 4301, RFC 4302
<b>Multicast</b>			
IGMPv1/v2/v3	RFC 1112, RFC 2236, RFC 4604	MLDv2	RFC 3810
PIM-SM	RFC 4601	PIM-SM	RFC 4601, RFC 3956
PIM-DM	RFC 3973	PIM-DM	RFC 3973
PIM-SSM	RFC 3569	PIM-SSM	RFC 3569, RFC 3956
MSDP	RFC 3618	PIM-SSM	RFC 3569, RFC 3956
<b>Various</b>			
ICMP	RFC 792, RFC 4884	ICMPv6	RFC 4443
		NDP	RFC 4861
PLPMTUD/PMTUD	RFC 1191, RFC 4821	PLPMTUD/PMTUD	RFC 1981, RFC 4821
NTP	RFC 5905	NTP	RFC 5905, RFC 5908
GRE Tunnelling	RFC 2784	GPT	RFC 2473
Radius	RFC 2865, RFC 5080	Radius	RFC 3162
NAT-PT	RFC 2663, RFC 3022, RFC 4787	N/A	N/A
CGN	RFC 6598, RFC 6888	N/A	N/A
Socket Interface	POSIX Sockets	Socket Interface	RFC 2553, RFC 6555
SIP	RFC 3261	SIP	RFC 6157
SNMPv2/v3	RFC 1441, RFC 2578	SNMP	RFC 4001, RFC 4293
<b>IPv6 Only</b>			
		Security	RFC 7123, RFC 4864, RFC 4942
		MPLS	RFC 4029, RFC 4659, RFC 4798
		General	RFC 4029