



IETF RFCs supported by Cisco NX-OS Unicast Features, Release 6.x

This appendix lists the IETF RFCs supported in Cisco NX-OS Release 6.0(2)N1(2).

BGP RFCs

| RFCs | Title |
|--------------------------------|--|
| RFC 1997 | <i>BGP Communities Attribute</i> |
| RFC 2385 | <i>Protection of BGP Sessions via the TCP MD5 Signature Option</i> |
| RFC 2439 | <i>BGP Route Flap Damping</i> |
| RFC 2519 | <i>A Framework for Inter-Domain Route Aggregation</i> |
| RFC 2858 | <i>Multiprotocol Extensions for BGP-4</i> |
| RFC 3065 | <i>Autonomous System Confederations for BGP</i> |
| RFC 3392 | <i>Capabilities Advertisement with BGP-4</i> |
| RFC 4271 | <i>A Border Gateway Protocol 4 (BGP-4)</i> |
| RFC 4273 | <i>Definitions of Managed Objects for BGP-4</i> |
| RFC 4456 | <i>BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP)</i> |
| RFC 4486 | <i>Subcodes for BGP Cease Notification Message</i> |
| RFC 4893 | <i>BGP Support for Four-octet AS Number Space</i> |
| RFC 5004 | <i>Avoid BGP Best Path Transitions from One External to Another</i> |
| draft-ietf-idr-bgp4-mib-15.txt | <i>BGP4-MIB</i> |

First-Hop Redundancy Protocols RFCs

| RFCs | Title |
|----------|---|
| RFC 2281 | <i>Hot Standby Redundancy Protocol</i> |
| RFC 3768 | <i>Virtual Router Redundancy Protocol</i> |

IP Services RFCs

| RFCs | Title |
|----------|---------------------|
| RFC 786 | <i>UDP</i> |
| RFC 791 | <i>IP</i> |
| RFC 792 | <i>ICMP</i> |
| RFC 793 | <i>TCP</i> |
| RFC 826 | <i>ARP</i> |
| RFC 1027 | <i>Proxy ARP</i> |
| RFC 1591 | <i>DNS Client</i> |
| RFC 1812 | <i>IPv4 routers</i> |

IPv6 RFCs

| RFCs | Title |
|----------|--|
| RFC 1981 | <i>Path MTU Discovery for IP version 6</i> |
| RFC 2373 | <i>IP Version 6 Addressing Architecture</i> |
| RFC 2374 | <i>An Aggregatable Global Unicast Address Format</i> |
| RFC 2460 | <i>Internet Protocol, Version 6 (IPv6) Specification</i> |
| RFC 2461 | <i>Neighbor Discovery for IP Version 6 (IPv6)</i> |
| RFC 2462 | <i>IPv6 Stateless Address Autoconfiguration</i> |
| RFC 2463 | <i>Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification</i> |
| RFC 2464 | <i>Transmission of IPv6 Packets over Ethernet Networks</i> |
| RFC 3152 | <i>Delegation of IP6.ARPA</i> |
| RFC 3162 | <i>RADIUS and IPv6</i> |
| RFC 3513 | <i>Internet Protocol Version 6 (IPv6) Addressing Architecture</i> |
| RFC 3596 | <i>DNS Extensions to Support IP version 6</i> |
| RFC 4193 | <i>Unique Local IPv6 Unicast Addresses</i> |
| RFC 5095 | <i>Deprecation of Type 0 of Routing Headers in IPv6</i> |

OSPF RFCs

| RFCs | Title |
|----------|--|
| RFC 2328 | <i>OSPF Version 2</i> |
| RFC 3101 | <i>The OSPF Not-So-Stubby Area (NSSA) Option</i> |

| RFCs | Title |
|----------|---------------------------------------|
| RFC 2370 | <i>The OSPF Opaque LSA Option</i> |
| RFC 3137 | <i>OSPF Stub Router Advertisement</i> |

RIP RFCs

| RFCs | Title |
|----------|---------------------------------|
| RFC 2453 | <i>RIP Version 2</i> |
| RFC 2082 | <i>RIP-2 MD5 Authentication</i> |

