

Routing Protocol Destination Addresses

RIP v2 updates	224.0.0.9
RIP v1 Updates	255.255.255.255
OSPF All (hello)	224.0.0.5
OSPF DRs (route)	224.0.0.6
OSPFv3 hellos	FF02::5
OSPFv3 DRs	FF02::6
EIGRP	224.0.0.10
EIGRPv6	FF02::A
BGP	(Unicast)

IPv6 Prefixes

Link-Local	FE80::/64
Unique-Local	FD00::/8
Multicast	FF

IPv6 Multicasts & Special Addresses

All-nodes	FF02::1
All-routers	FF02::2
All DHCP agents	FF02::1:2
Unknown Address	:: (all zeroes)
Loopback	::1

Network Protocols & Ports

	Protocol	Port
RIPv2	UDP	520
EIGRP	eigrp	—
OSPF	ospf	—
BGP	TCP	179
HSRP	UDP	1985

HSRP

	Version 1	Version 2
Multicast Address	224.0.0.2	224.0.0.102
Virtual Mac Base Address (Add Group # in hex to get actual address)	0000 . 0C07 . AC00	0000 . 0C9F . F000

Subnet Mask Format (parts in CCNA)

	Mask	Wildcard	CIDR
Interface Address	X		
ACL (Access Control List)		X	
RIP Network Statement			
OSPF Network Statement		X	
EIGRP Network Statement		X	
BGP Network Statement	X		
Static Route	X		
DHCP Network Statement	X		X
Serial Subinterfaces for 802.1Q VLANs	X		