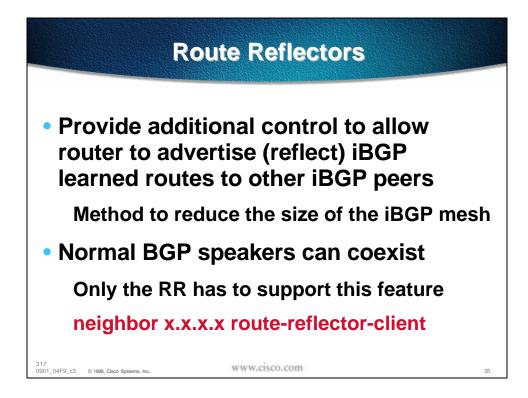
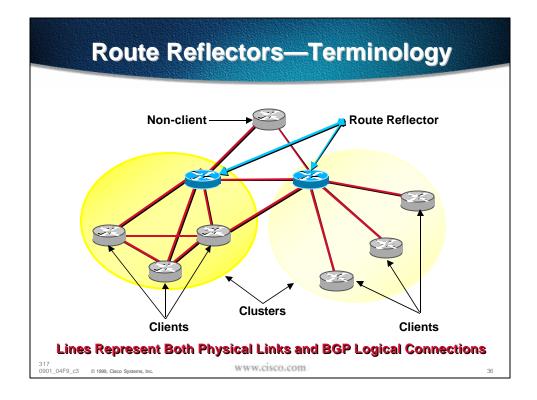
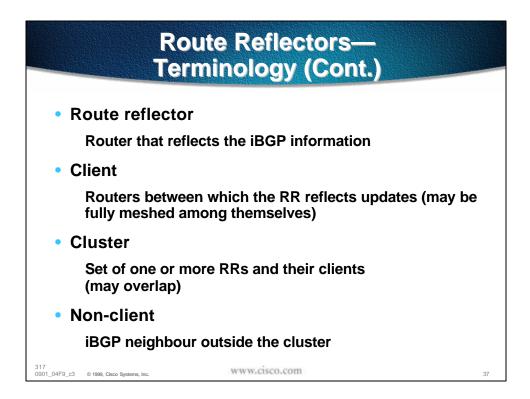


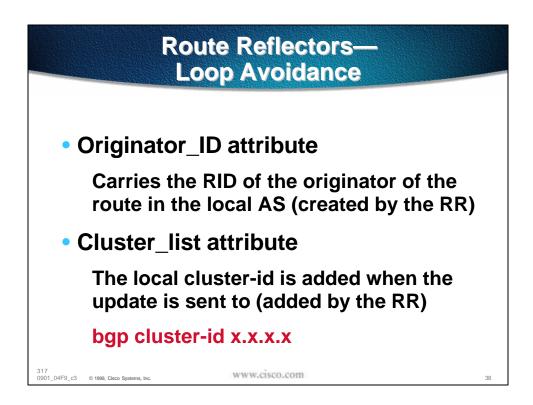
	Internet Connectivity	Multi-Level Hierarchy	Policy Control	IGP	Migration Complexity
Confederations	Anywhere in the Network	Yes	Yes	One Instance Across the Network	Medium to High
eBGP Connections	Only in the Core	Yes	Yes	May Need Different Instances in Each Region	Low to Medium



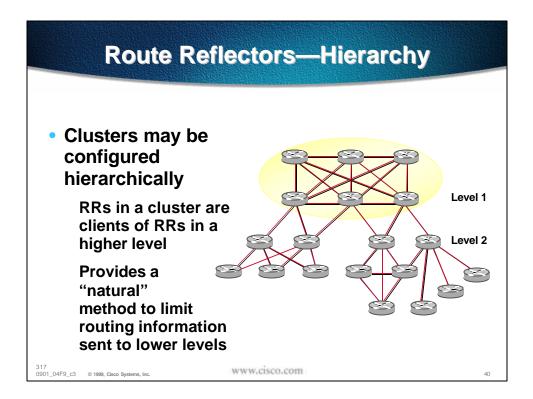


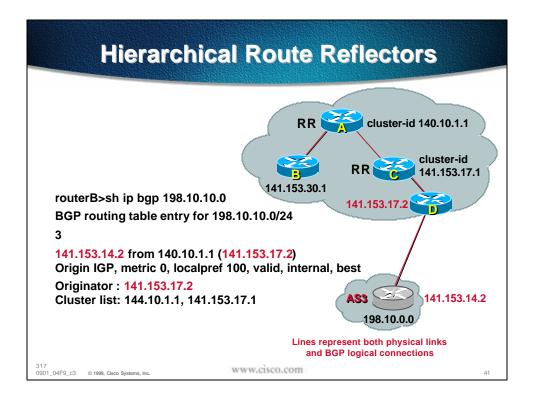


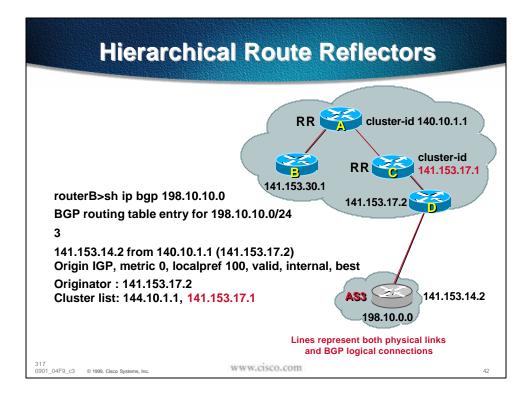


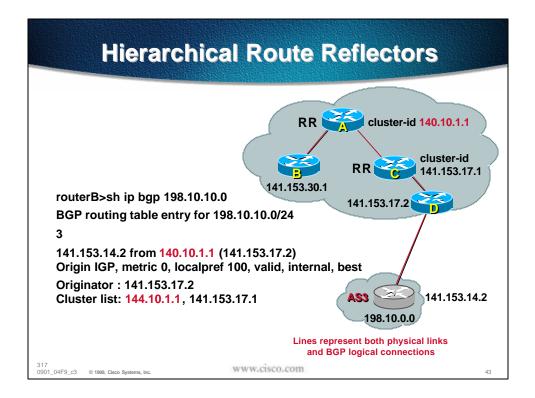


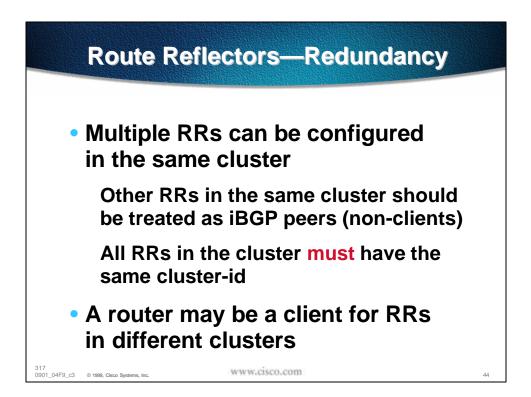


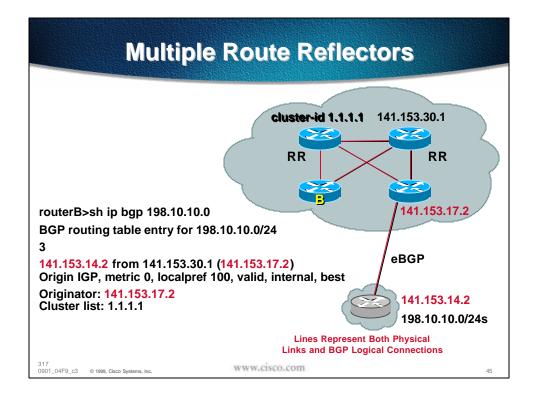


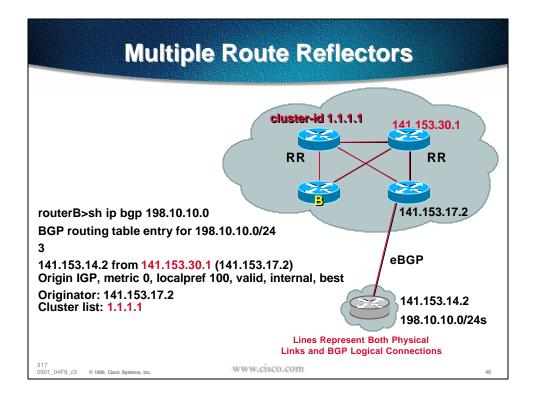


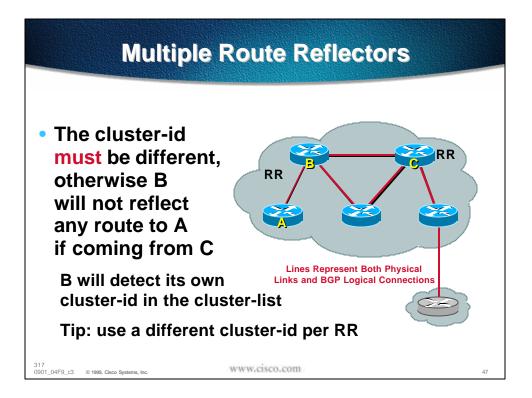


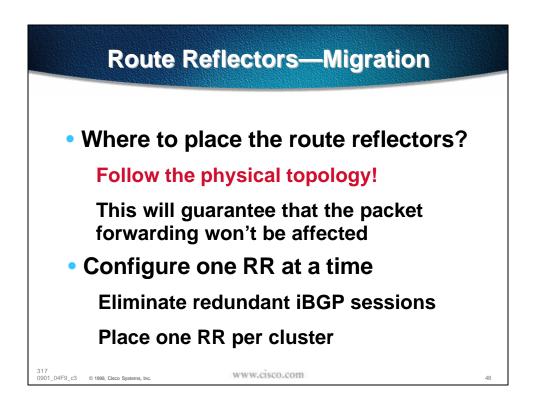


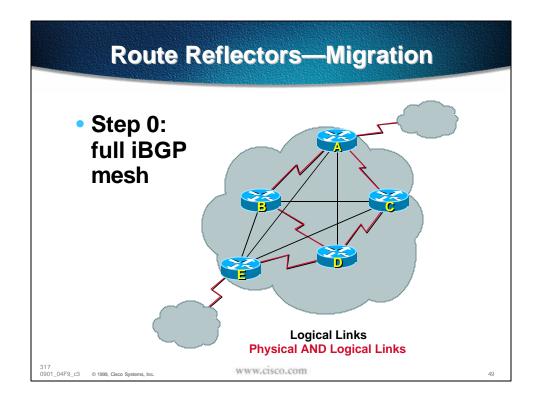


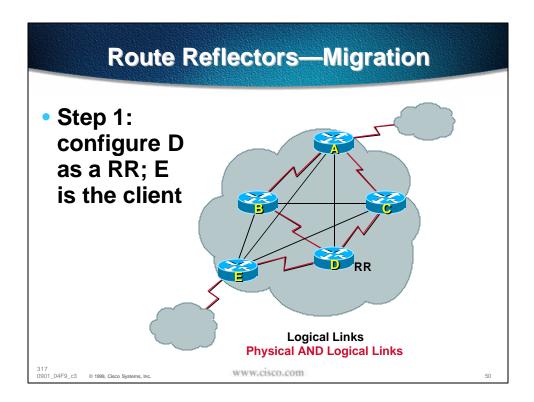


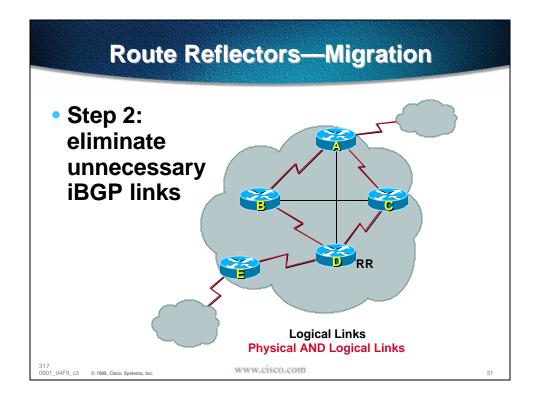


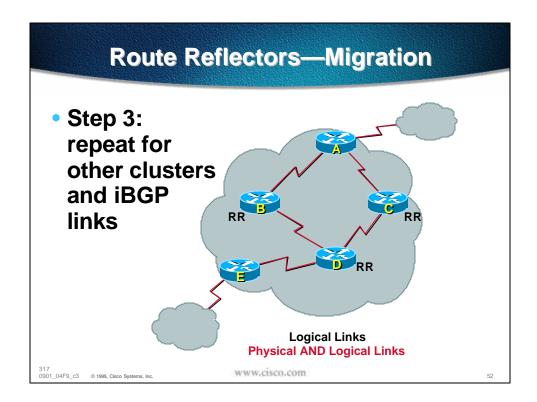


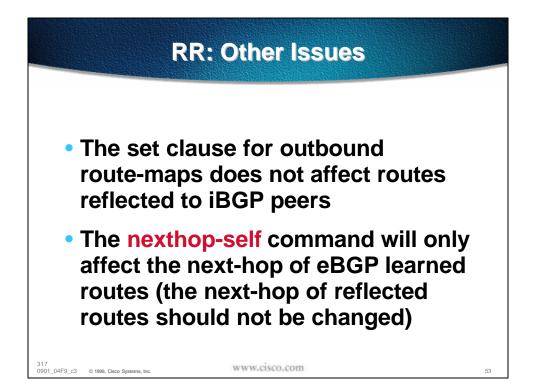


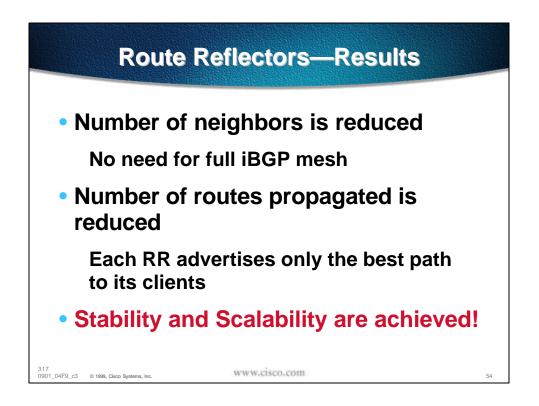




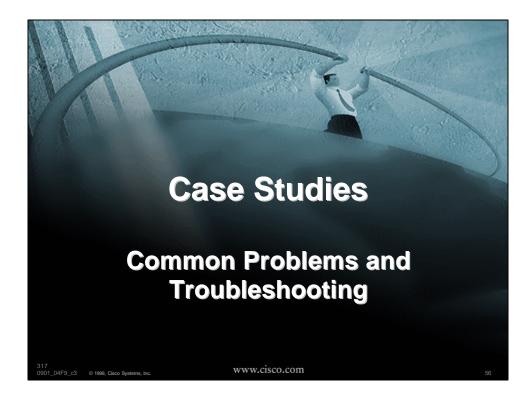


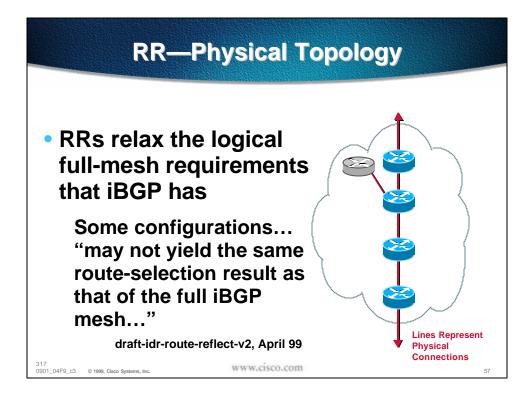


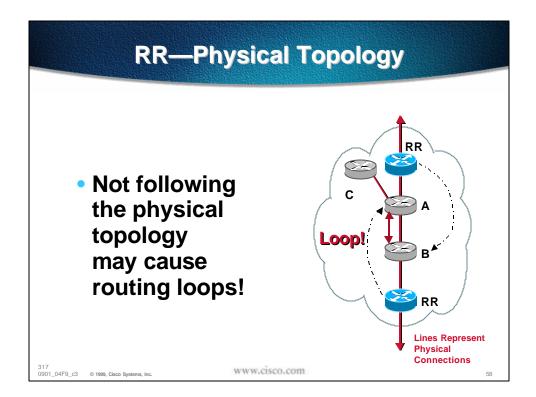


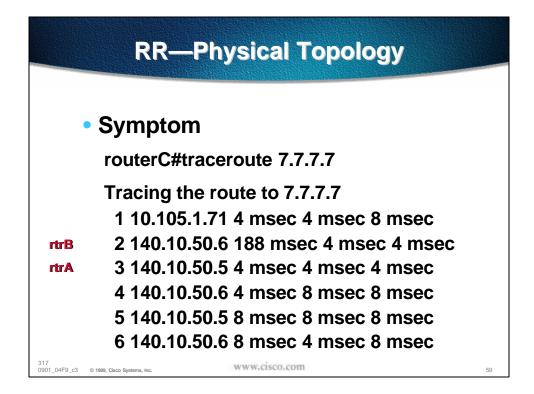


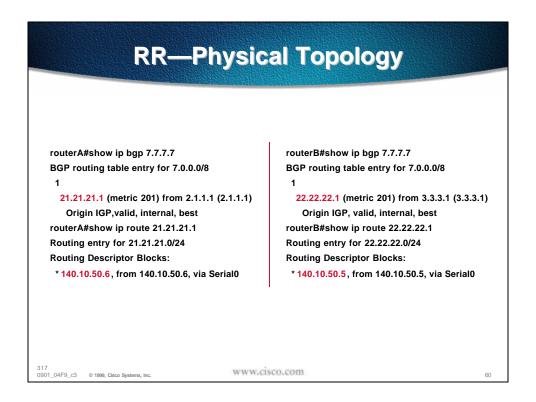
	Internet Connectivity	Multi-Level Hierarchy	Policy Control	Scalability	Migration Complexity
			Sontrol		
Confederations	Anywhere in the Network	Yes	Yes	Medium	Medium to High
Route Reflectors	Anywhere in the Network	Yes	Yes	Very High	Very Low

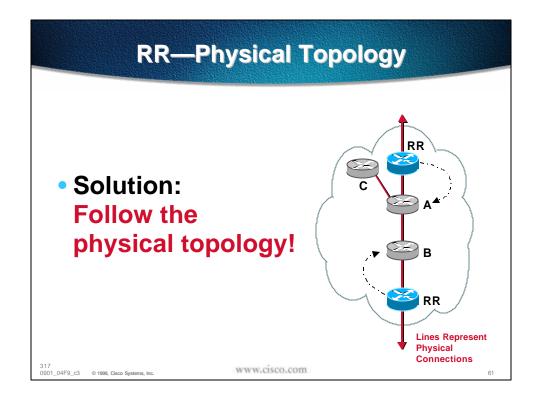


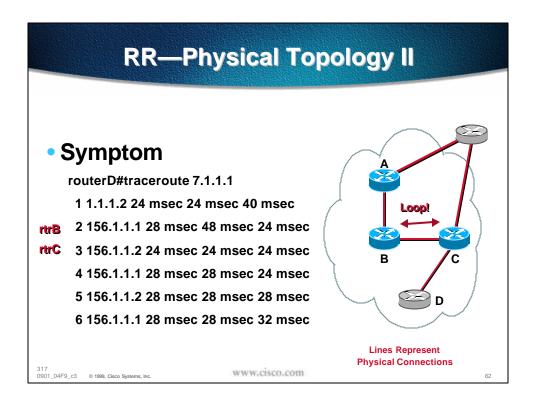


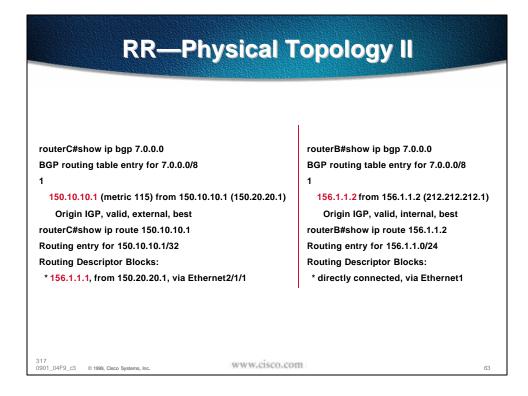


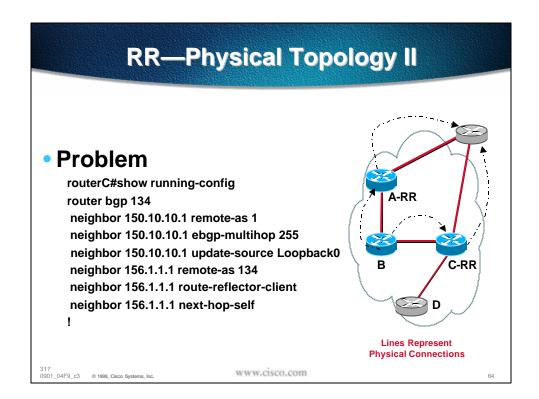


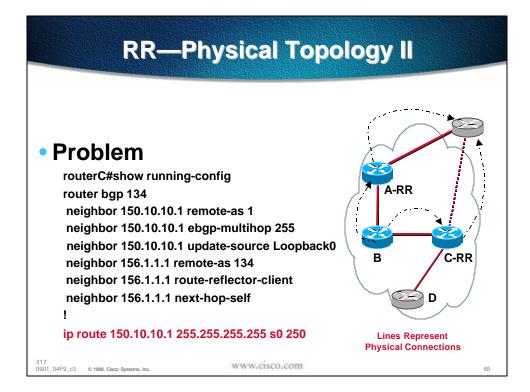


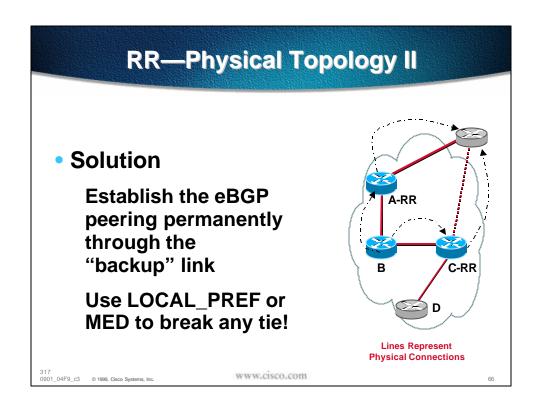


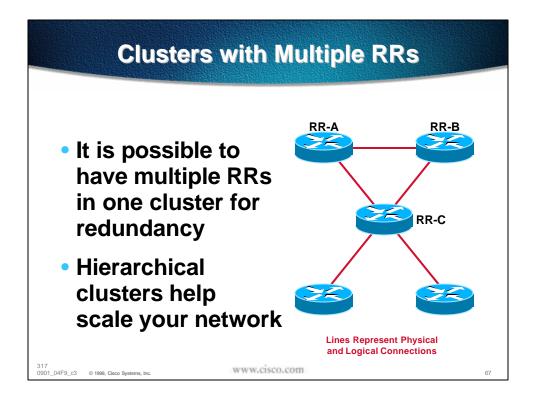


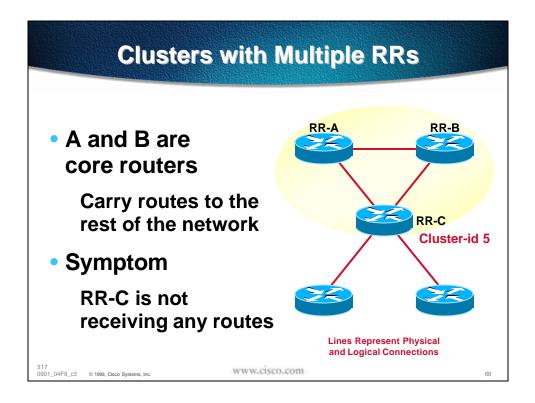


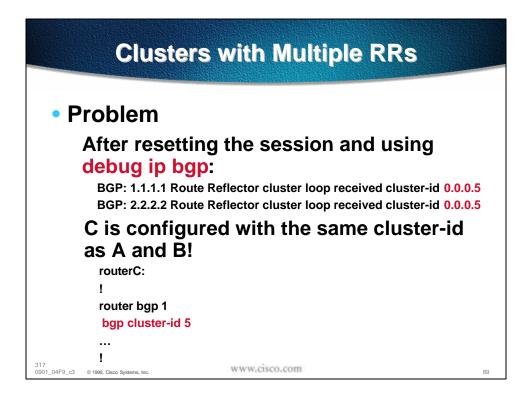


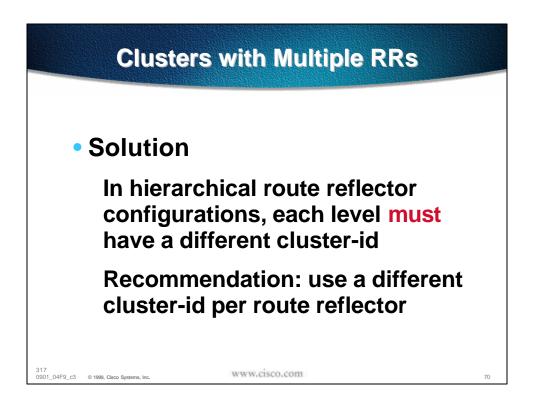






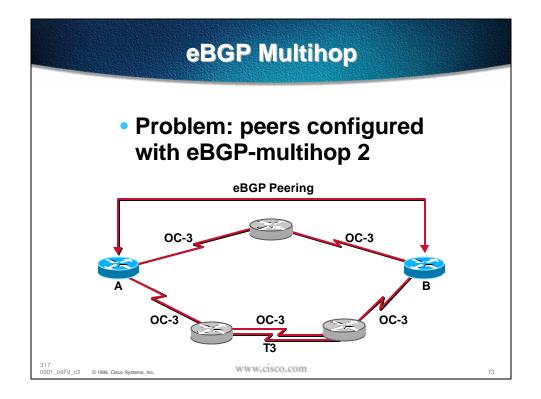


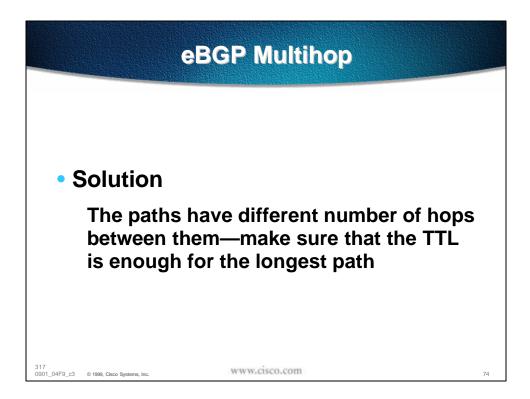


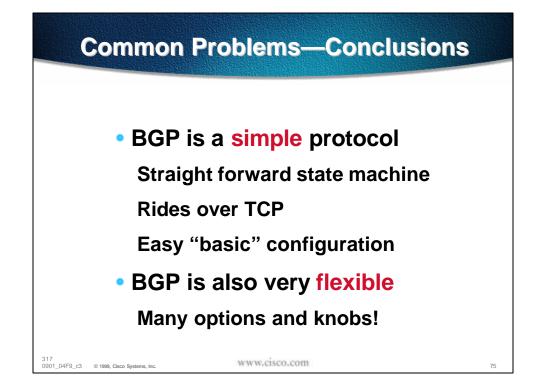


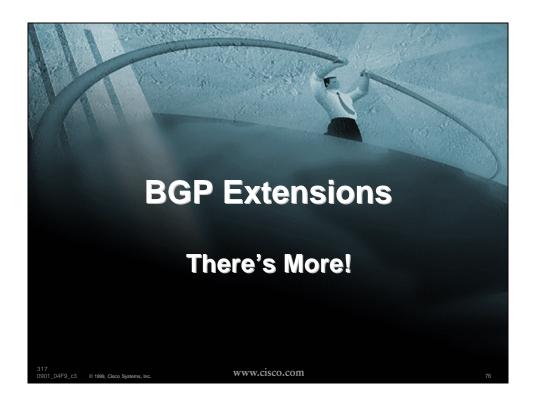
eBGP Multihop							
• S	Symptom						
	The eBGP peering is established, but convergence is not complete even afte several hours	r					
	routerA#show ip bgp summary						
	Neighbor V AS MsgRcvd MsgSent TblVer InQ OutQ Up/Down State/Pfp 150.10.10.1 4 1 3550 3570 847 0 206 05:53:51 100	ĸRcd					
317 0901_04F9_c3	© 1999, Cisco Systems, Inc. WWW.CISCO.COM	71					

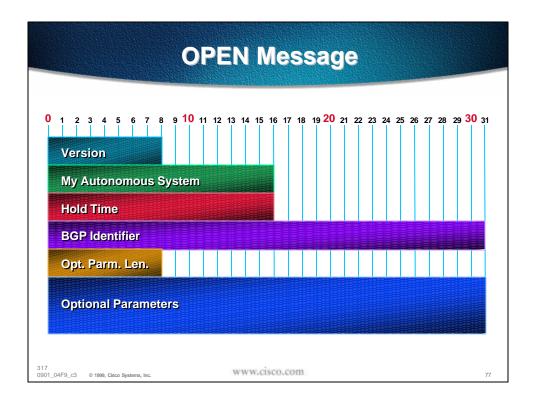
eBGP Multihop	
routerA#show ip route 150.10.10.1 Routing entry for 150.10.10.1/32 Routing Descriptor Blocks: 10.105.1.71, from 150.20.20.1, 00:06:14 ago, via POS2/1/0 * 156.1.1.1, from 150.20.20.1, 00:06:14 ago, via POS2/1/1 routerA#ping 150.10.10.1 Sending 5, 100-byte ICMP Echos to 150.10.10.1: !!!!! Success is 100 percent, round-trip min/avg/max = 4/64/296 ms	Reply to request 0 Record route: (156.1.1.2) (195.5.5.1) (10.105.1.134) (150.10.10.1) (10.105.1.76) (195.5.5.2) (156.1.1.1) (211.211.211.1) <*> Reply to request 1 Record route: (10.105.1.69) (140.10.50.5) (150.10.10.1) (140.10.50.6) (10.105.1.71) (211.211.211.1) <*>
317 0901_04F9_c3	72

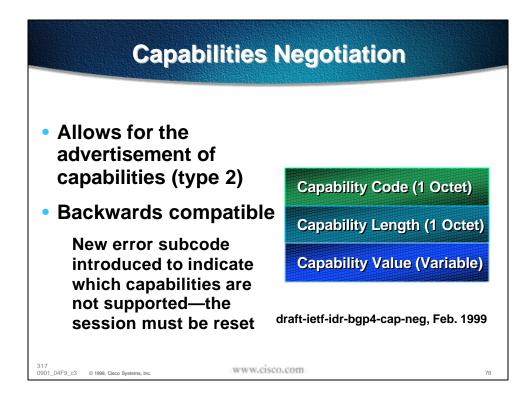


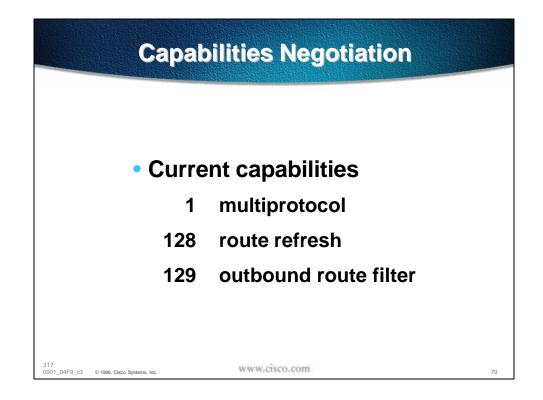


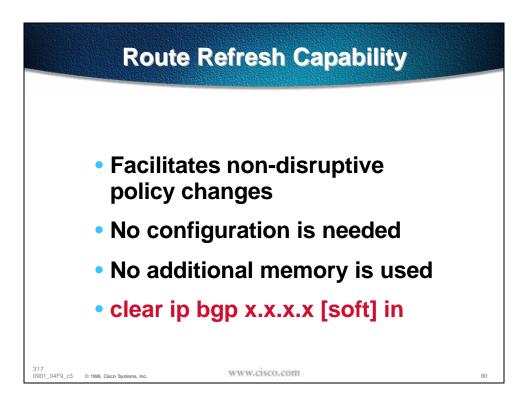


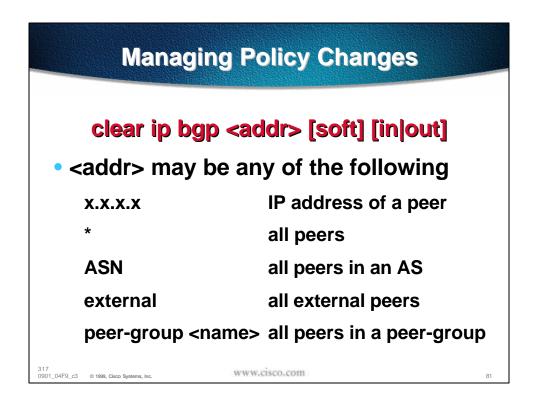


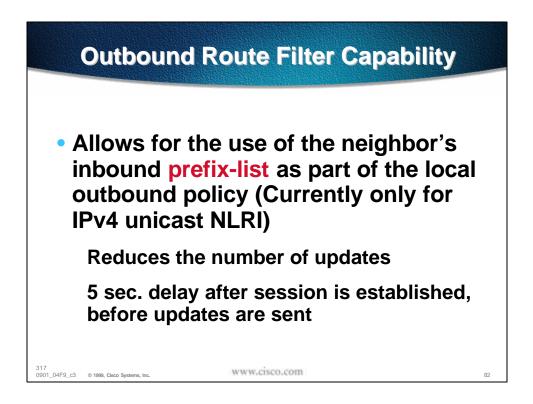












PrefixList-ORF

By default, this capability is not advertised to any neighbor

neighbor x.x.x.x capability prefix-filter

Can't be advertised to peer-group members

To push out a prefix-list

clear ip bgp x.x.x.x in prefix-list

Also requests a route refresh

317 0901_04F9_c3 © 1999, Cisco Systems, Inc www.cisco.com

