Configuring and Troubleshooting Common EIGRP Features



Nick Russo NETWORK ENGINEER

@nickrusso42518 www.njrusmc.net

Agenda



How EIGRP stubs work

Unequal cost multipath (UCMP)

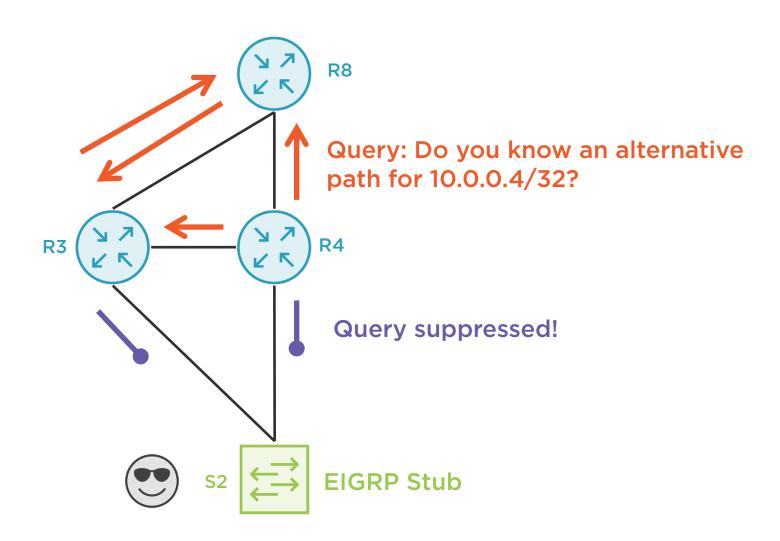
EIGRP authentication



Dead End Roads



EIGRP Stubs



Some Stub Caveats



Updates still work



Still sends queries



Limited transit is OK

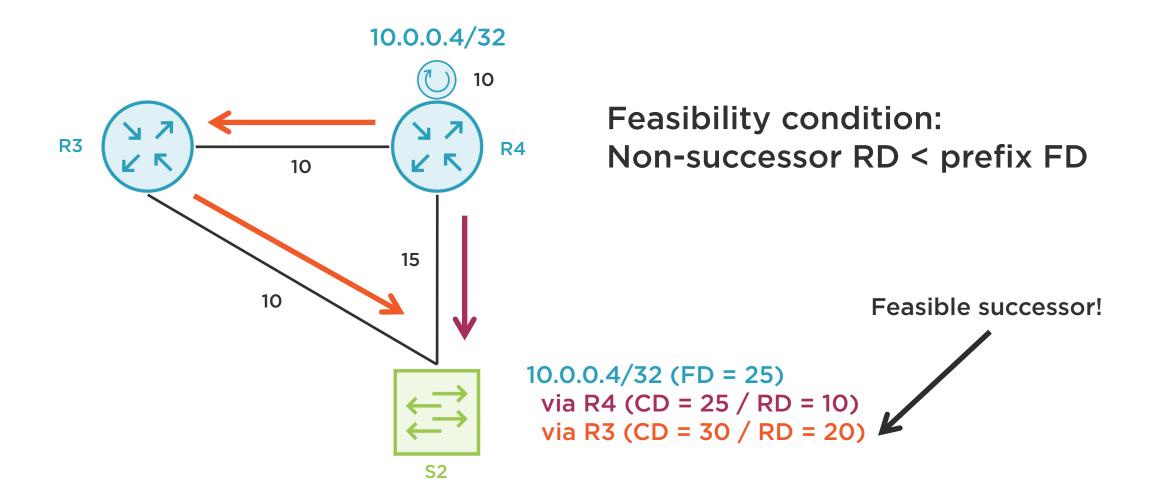




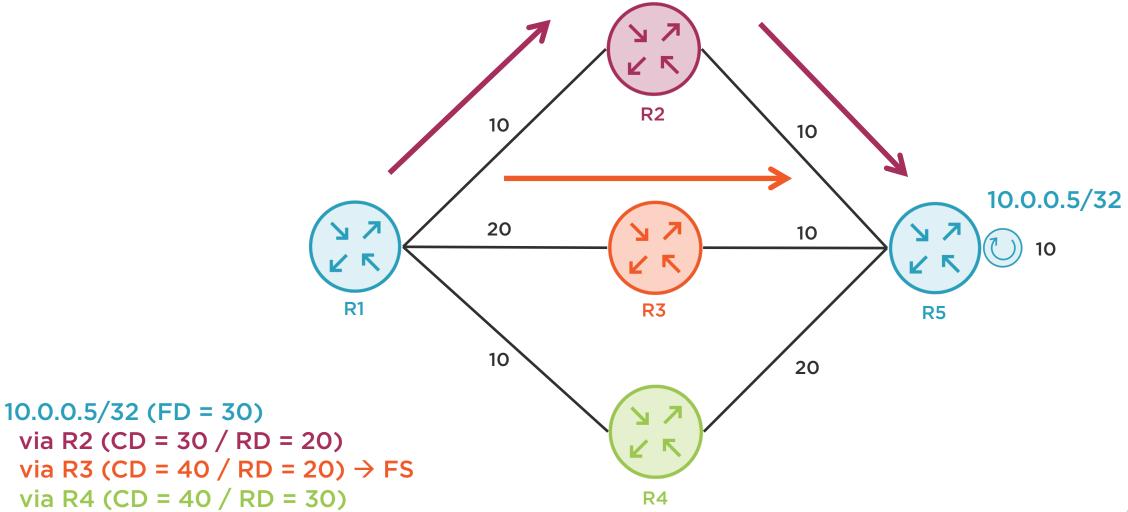
EIGRP stub validation



EIGRP Unequal Cost Multipath (UCMP)



EIGRP UCMP: Hard Mode







Enabling EIGRP UCMP with "variance"





Troubleshooting a broken UCMP design





Various EIGRP Authentication methods



Summary



Reducing queries with stubs

UCMP with feasible successors

Authentication techniques

