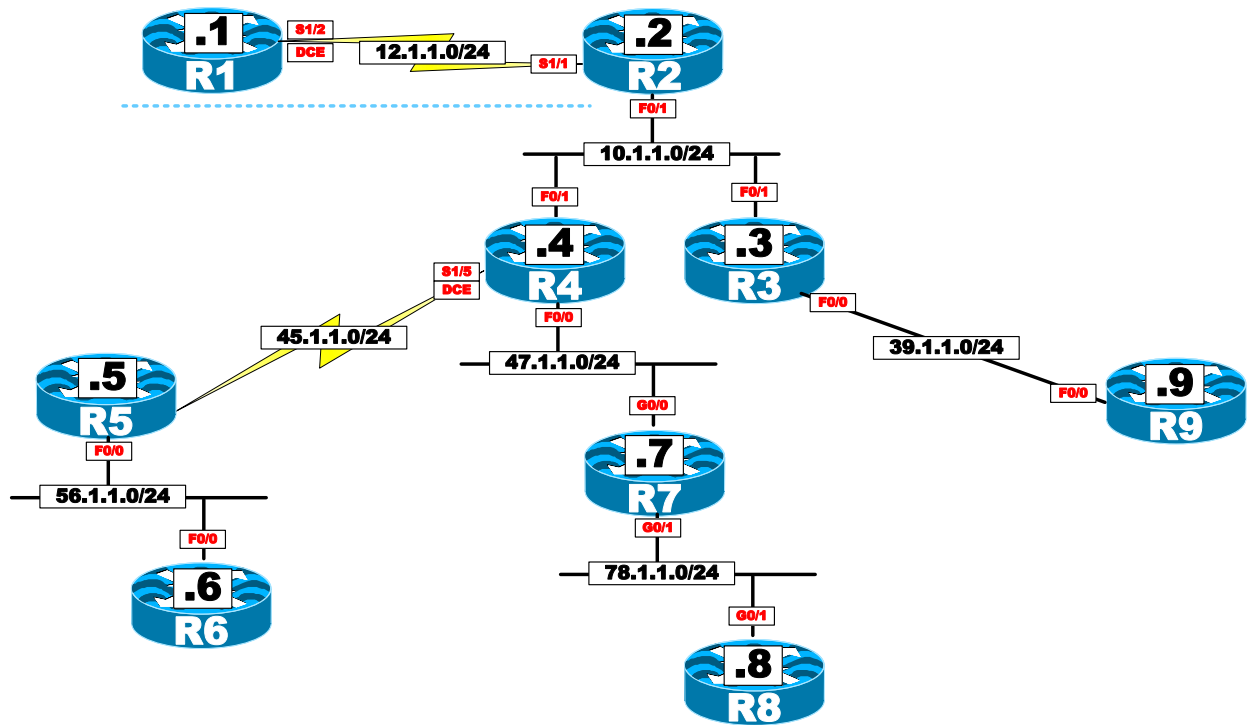


Lab 2 EIGRP



Task 1

Configure the following loopback interfaces based on the following chart:

Router	Interface/IP address
R1	Lo0 – 1.1.0.1/24
	Lo1 – 1.1.1.1/24
	Lo2 – 1.1.2.1/24
	Lo3 – 1.1.3.1/24
R2	Lo0 – 2.2.2.2/24
R3	Lo0 – 3.3.3.3/24
R4	Lo0 – 4.4.4.4/24
R5	Lo0 – 5.5.5.5/24
R6	Lo0 – 6.6.6.6/24
R7	Lo0 – 7.7.7.7/24
R8	Lo0 – 8.8.8.8/24
R9	Lo0 – 9.9.9.9/24

Task 2

Configure EIGRP Classic mode on all routers and all interfaces including the loopback interfaces.

Task 3

Configure R1 to summarize its Loopback interfaces. This router should advertise a single summary plus its loopback 1.

Task 4

Configure R3 to filter 1.1.1.0/24.

Task 5

R4 should be configured to inject a default route plus network 12.1.1.0/24 .

Task 6

Configure R5 to inject a default route, if this is configured correctly, R6 should see a default route. show two different ways to inject a default route in EIGRP.

Task 7

R8 should be configured to receive routes from R7. R8 should not advertise any routes to R7. DO NOT remove any commands, or filter to accomplish this task.