

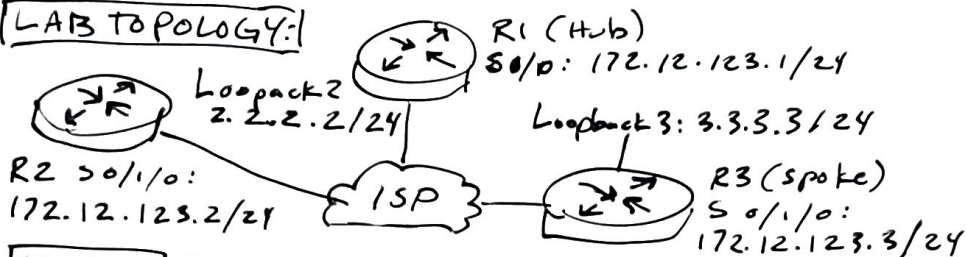
BRYANT CCNA SEC 10 - STATIC ROUTING/HUB + SPOKE

SEC 10.1 / LAB TOPOLOGY

Four types of static routes:

- "regular" static routes
- host static routes "host routes"
- floating static routes (later)
- default static routes

LAB TOPOLOGY:



SEC 10.2 Debug IP Packet

To enable:

[# debug ip packet

To disable (all) debug

[# u all

(or undebug)

SEC 10.3 Host static routing

A host route defines an L3 route for a single address

R3 (config) # ip route 2.2.2.2 255.255.255.255
172.12.123.1

SEC 10.4 Default static route

Remember, having a route to a network is not enough, a route back to the host is also required. In this case we will set a default static route on R2.

R2 (config) # ip route 0.0.0.0 0.0.0 172.12.123.1

Remember, while default often means the first choice, in this case, the default route is the route of last resort, and is used only if no other routes may be used.

For scalability, dynamic routing protocols are preferred