

SYSNET NOTES

System And Networking Notes With Interview Questions

EIGRP Passive Interface

In EIGRP (and OSPF) the passive interface command stops sending outgoing hello packets, hence the router cannot form any neighbor relationship via the passive interface. This behavior stops both outgoing and incoming routing updates

To enable passive interface on one interface:

Router(config)# router eigrp < as_no.>

Router(config-router)# passive-interface < interface >

To turn on the passive interface on all interfaces:

Router(config)# router eigrp < as_no.>

Router(config-router)# passive-interface default

We can configure all interfaces to be passive using the passive-interface default command, and then individually use the no passive-interface command on the interfaces we do want neighbors to be formed on:

Router(config)# router eigrp < as_no.>

Router(config-router)# passive-interface default

Router(config-router)# no passive-interface <interface>

To turn off passive interface

Router(config)# router eigrp < as_no.>

Router(config-router)# no passive-interface <default/interface >

Related articles

- [Passive Interface \(RIP, OSPF and EIGRP\) explained with interview questions](#)
- [EIGRP Notes with Interview Questions](#)
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