

Grade Book Detail

钟子鹏,

Quiz 8

Started: December 24, 2019, 7:13 pm

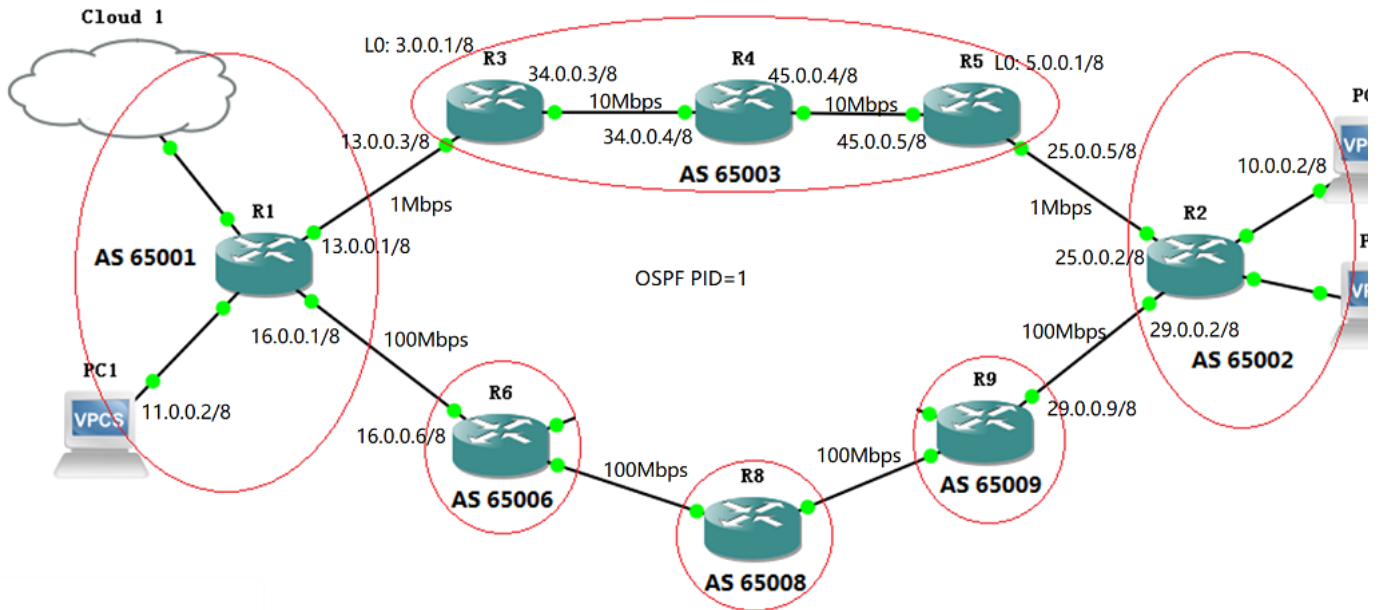
Last change: December 24, 2019, 7:31 pm

Showing Scored Attempts | [Show Last Attempts](#) | [Show Review Attempts](#)

Hide Perfect Score Questions

Hide Not Answered Questions

Refer the network topology. All routers use BGP as inter-AS routing protocol, use OSPF as inner-AS routing protocol (use process id 1).



Part 1/5. Write commands to enable BGP for all physical interfaces in router R3

1. R3(Config)# ip bgp 65003

Enable routing on networks:

2. R3(Config-router)# network 13.0.0.0 mask 255.0.0.0 (for R1-R3 link)

3. R3(Config-router)# network 34.0.0.0 mask 255.0.0.0 (for R3-R4 link)

set R1 as a neighbor:

4. R3(Config-router)# neighbor 13.0.0.1 remote-as 65001

set R5 as a neighbor (using loopback address):

5. R3(Config-router)# neighbor 5.0.0.1 remote-as 65003

use loopback as update source:

6. R3(Config-router)# neighbor 5.0.0.1 update-source loopback 0

Show Answer router bgp 65003

Show Answer

Show Answer

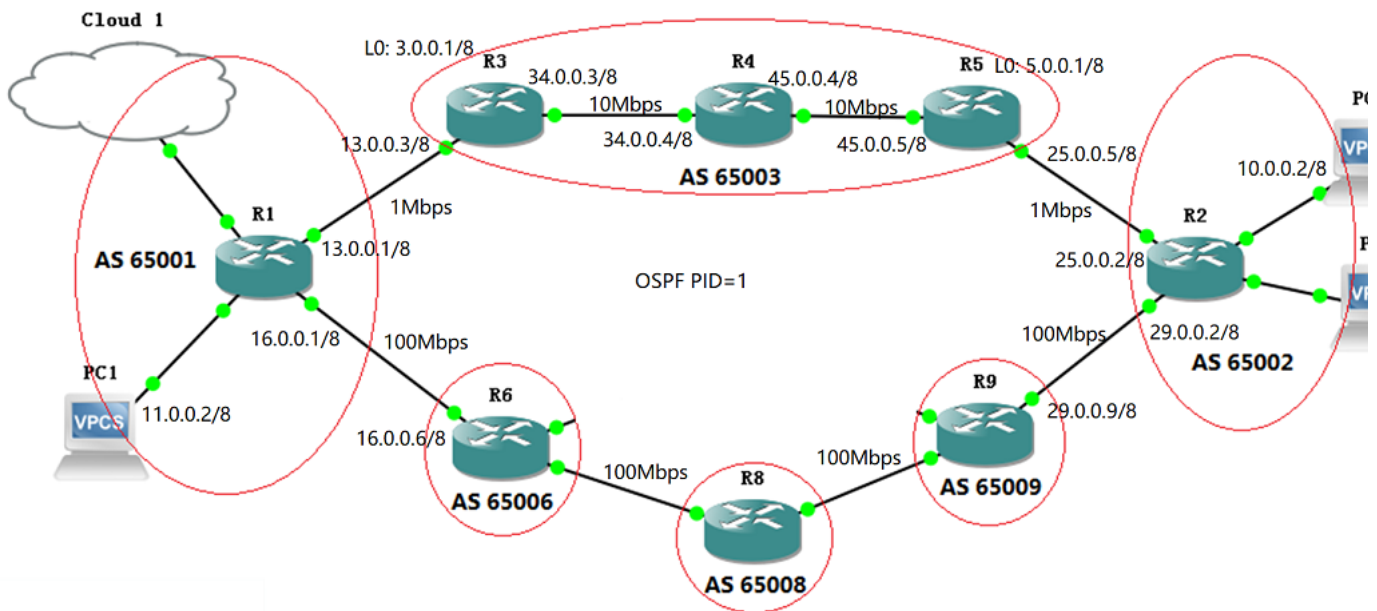
Show Answer

Show Answer

Show Answer

Question 1: 20 (parts: 0, 4, 4, 4, 4) out of 24 in 1 attempt(s)

Refer the network topology. All routers use BGP as inter-AS routing protocol, use OSPF as inner-AS routing protocol (use process id 1).



Part 2/5. Write commands to set R3 as the neighbor of R5 (using loopback address)

1. R5(Config)# router bgp 65003
2. R5(Config-router)# neighbor 3.0.0.1 remote-as 65003 (set neighbor)
3. R5(Config-router)# neighbor 3.0.0.1 update-source loopback 0 (set update source)

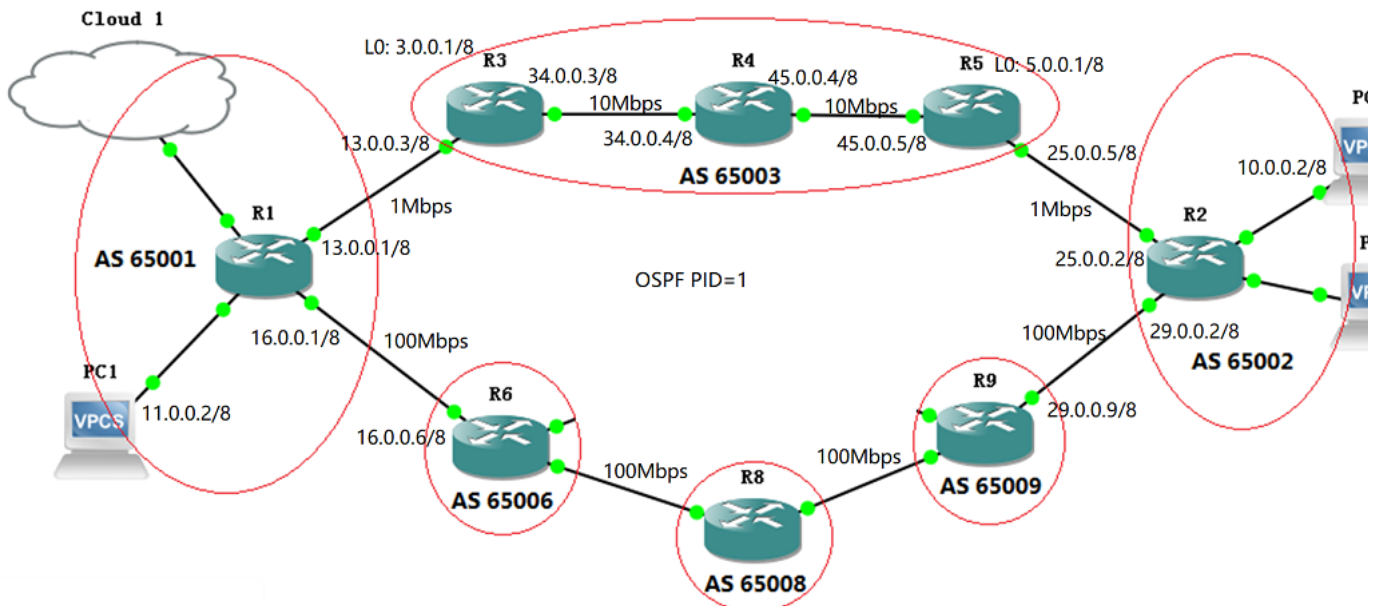
Show Answer

Show Answer

Show Answer

Question 2: 12 (parts: 4, 4, 4) out of 12 in 1 attempt(s)

Refer the network topology. All routers use BGP as inter-AS routing protocol, use OSPF as inner-AS routing protocol (use process id 1).



Part 3/5. To let routers in AS 65003 has route for outside networks, redistribution should be configured in R3:

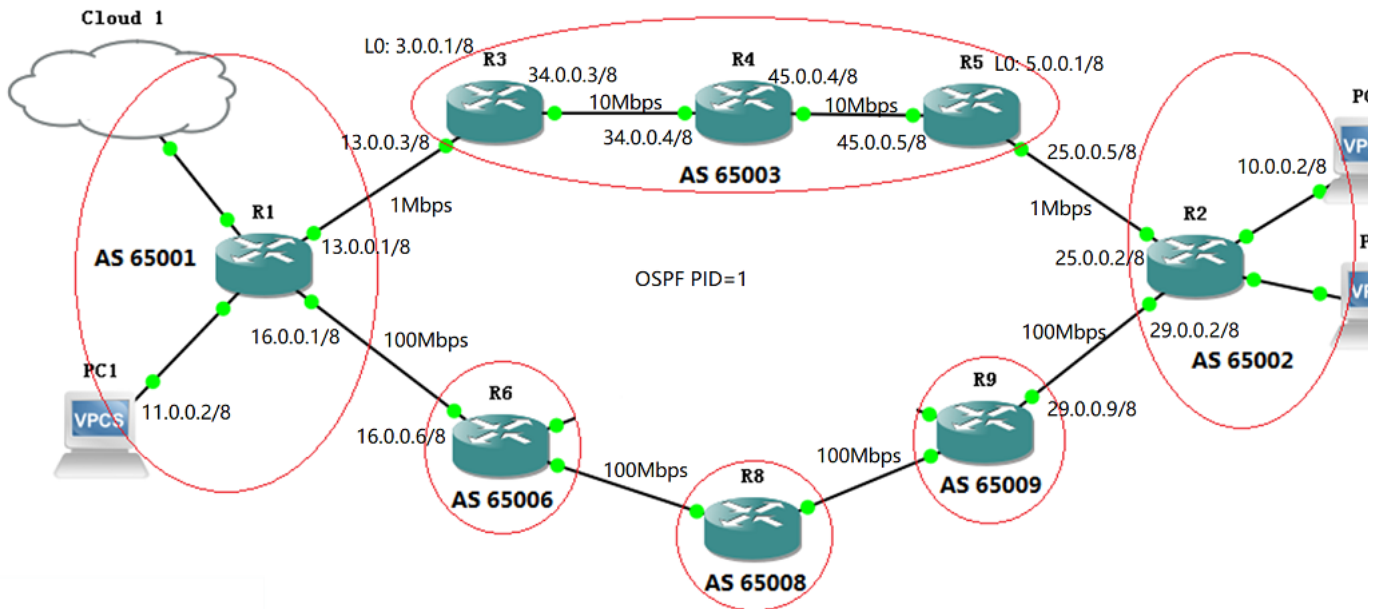
1. R3(Config)# router ospf 1
2. R3(Config-router)# redistribute bgp 65003 subnets

Show Answer

Show Answer

Question 3: 8 (parts: 4, 4) out of 8 in 1 attempt(s)

Refer the network topology. All routers use BGP as inter-AS routing protocol, use OSPF as inner-AS routing protocol (use process id 1).



Part 4/5. To let router R2 has route for all inner networks in AS 65003, redistribution should be configured in R5:

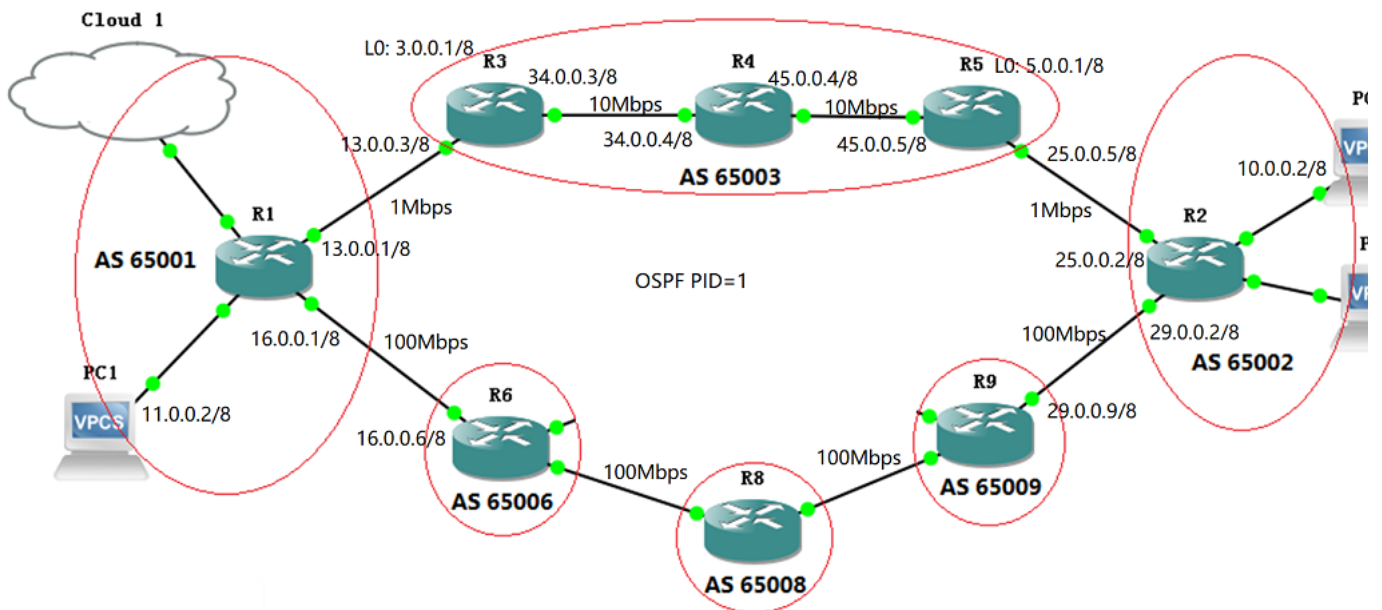
1. R5(Config)# router bgp 65003 _____
2. R5(Config-router)# redistribute ospf 1 _____

Show Answer

Show Answer

Question 4: 8 (parts: 4, 4) out of 8 in 1 attempt(s)

Refer the network topology. All routers use BGP as inter-AS routing protocol, use OSPF as inner-AS routing protocol (use process id 1).



Part 5/5. Assume all routers run BGP correctly, and all parameters use default value.

1. What is the next hop for 10.0.0.0/8 in router R1? Write IP address: 13.0.0.3
2. What is the next hop for 11.0.0.0/8 in router R2? Write IP address: 25.0.0.5

Show Answer

Show Answer

Question 5: 8 (parts: 4, 4) out of 8 in 1 attempt(s)

Total: 56/60

[Return to GradeBook](#)