

# Grade Book Detail

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## Quiz 7

Started: December 24, 2019, 6:38 pm

Last change: December 24, 2019, 7:12 pm

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**Part 1/4. Write commands to enable OSPF for all interfaces in router D (use process id 1)**

1. RouterD(Config)# router ospf 1  
Enable routing on networks:
2. RouterD(Config-router)# network 20.3.0.0 0.0.255.255 area 1 (for E1/1)
3. RouterD(Config-router)# network 20.1.0.0 0.0.255.255 area 0 (for Gi0/0)
4. RouterD(Config-router)# network 20.4.0.0 0.0.255.255 area 0 (for E1/0)

Show Answer

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Question 1: 20 (parts: 5, 5, 5, 5) out of 20 in 1 attempt(s)

**Part 2/4. What's the RID of router G?** 11.7.0.1

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Question 2: 5 out of 5 in 1 attempt(s)

**Part 3/4. In order to exchange link state between area 3 and area 0, which routers should be configured to set up a virtual link? Write commands to setup a virtual link in the two routers (use process id 1):**

**for the router in area 0:**

☒ Router E ☐ Router G ☐ Router H ☐ Router K

1. Router(Config)# router ospf 1

2. Router(Config-router)# area 2 virtual-link 11.8.0.1

**for the router in area 3:**

☐ Router E ☐ Router G ☒ Router H ☐ Router K

3. Router(Config)# router ospf 1

4. Router(Config-router)# area 2 virtual-link 11.5.0.1

Show Answer

Show Answer

Show Answer

Show Answer

Show Answer

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**Question 3: 30 (parts: 5, 5, 5, 5, 5, 5) out of 30 in 1 attempt(s)**

**Part 4/4. Assume all routers run OSPF correctly, and all parameters use default value.**

1. What is the next hop for 10.1.0.0/16 in router C? Write IP address:

20.2.0.1

2. What is the minimum cost from router F to 10.2.0.0/16?

17

3. What is the next hop for 20.6.0.0/16 in router D? Write IP address:

20.1.0.1

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Show Answer 18

Show Answer

**Question 4: 10 (parts: 5, 0, 5) out of 15 in 1 attempt(s)**

**Total: 65/70**

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