



Cisco 350-401 Mock Exam

Shared by Sanders on 17-06-2026

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Question 1

Question Type: MultipleChoice

SIMULATION

Guidelines Topology Tasks

R20
e0/0
Area 20 10.2.203.0/24
e0/1
R3
e0/2
Area 0 10.0.23.0/24
e0/0
R1
e0/1
e0/0
10.0.3.0/24
10.0.2.0/24
R2
e0/2
Area 10 10.1.102.0/24
e0/0
R10
e0/1
e0/0

R2 R3 R1 R10 R20

R2>

Guidelines Topology Tasks

OSPF is partially configured on all devices. Complete the configurations to achieve these goals:

1. Configure R2 to always be the DR in Area 10. Do not change the router ID.
2. Configure a single command on R2 to summarize area 10 routes into a single route.

R2 R3 R1 R10 R20

R2>

Options:

A- See the solution below in Explanation

Answer:

A

Explanation:

Solution:

```
Z.  
R2(config)#int et0/1  
R2(config-if)#ip ospf pro  
R2(config-if)#ip ospf pri  
R2(config-if)#ip ospf priority 255  
R2(config-if)#
```

```
R2(config)#router ospf 10  
R2(config-router)#area 10 ran  
R2(config-router)#area 10 range 10.1.0.0 255.255.0.0  
R2(config-router)#  
R2(config-router)#
```

```
Z.  
R3(config)#int et0/1  
R3(config-if)#ip ospf net  
R3(config-if)#ip ospf network po  
R3(config-if)#ip ospf network point-to-po  
R3(config-if)#ip ospf network point-to-point  
R3(config-if)#  
*Nov 15 13:23:04.026: %OSPF-5-ADJCHG: Process 10, Nbr 10.  
1.1 on Ethernet0/1 from FULL to DOWN, Neighbor Down: Inte  
ace down or detached  
*Nov 15 13:23:04.027: %OSPF-4-NET_TYPE_MISMATCH: Received  
ello from 10.2.1.1 on Ethernet0/1 indicating a potential  
network type mismatch  
R3(config-if)#  
*Nov 15 13:23:04.027: %OSPF-5-ADJCHG: Process 10, Nbr 10.  
1.1 on Ethernet0/1 from LOADING to FULL, Loading Done  
R3(config-if)#exit  
R3(config)#int et0/1  
R3(config-if)#ip ospf net  
R3(config-if)#ip ospf network po  
R3(config-if)#ip ospf network point-to-po  
R3(config-if)#ip ospf network point-to-point  
R3(config-if)#
```

VERIFICATION: -

```
1.2 on Ethernet0/0 from LOADING to FULL, Loading Done
R10#sh ip ospf neighbor

Neighbor ID      Pri   State           Dead Time   Address
  Interface
10.0.1.2         255   FULL/DR         00:00:38   10.1.102.
2   Ethernet0/0
R10#
R10#
```

OR

Question 2

Question Type: MultipleChoice

Which IEEE standard provides the capability to permit or deny network connectivity based on the user or device identity?

Options:

- A- 802.1d
- B- 802.1x
- C- 802.1q
- D- 802.1w

Answer:

B

Question 3

Question Type: MultipleChoice

Which action is a LISP Map Resolver responsible for?

Options:

- A- forwarding user data traffic
- B- accepting map-request messages from ITRs

- C- finding EID-to-RLOC mappings
- D- accepting registration requests from ETRs

Answer:

A

Question 4

Question Type: MultipleChoice

Refer to the exhibit. Which Python snippet stores the data structure of the device in JSON format?

A)

```
OutFile = open("devices.json", "w")
json.dump(Devices, OutFile)
OutFile.close()
```

B)

```
OutFile = open("devices.json", "w")
OutFile.write(str(Devices))
OutFile.close()
```

C)

```
with open("devices.json", "w") as OutFile:
    json.dumps(Devices)
```

D)

```
with open("devices.json", "w") as OutFile:
    Devices = json.load(OutFile)
```

Options:

- A- Option A
- B- Option B
- C- Option C
- D- Option D

Answer:

A

Question 5

Question Type: MultipleChoice

What is the recommended minimum SNR for Voice applications for networks?

Options:

- A- 15
- B- 20
- C- 25
- D- 10

Answer:

C

Question 6

Question Type: MultipleChoice

Which message type is valid for IGMPv3?

Options:

- A- leave group
- B- hello
- C- graft
- D- source-specific membership report

Answer:

D



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