



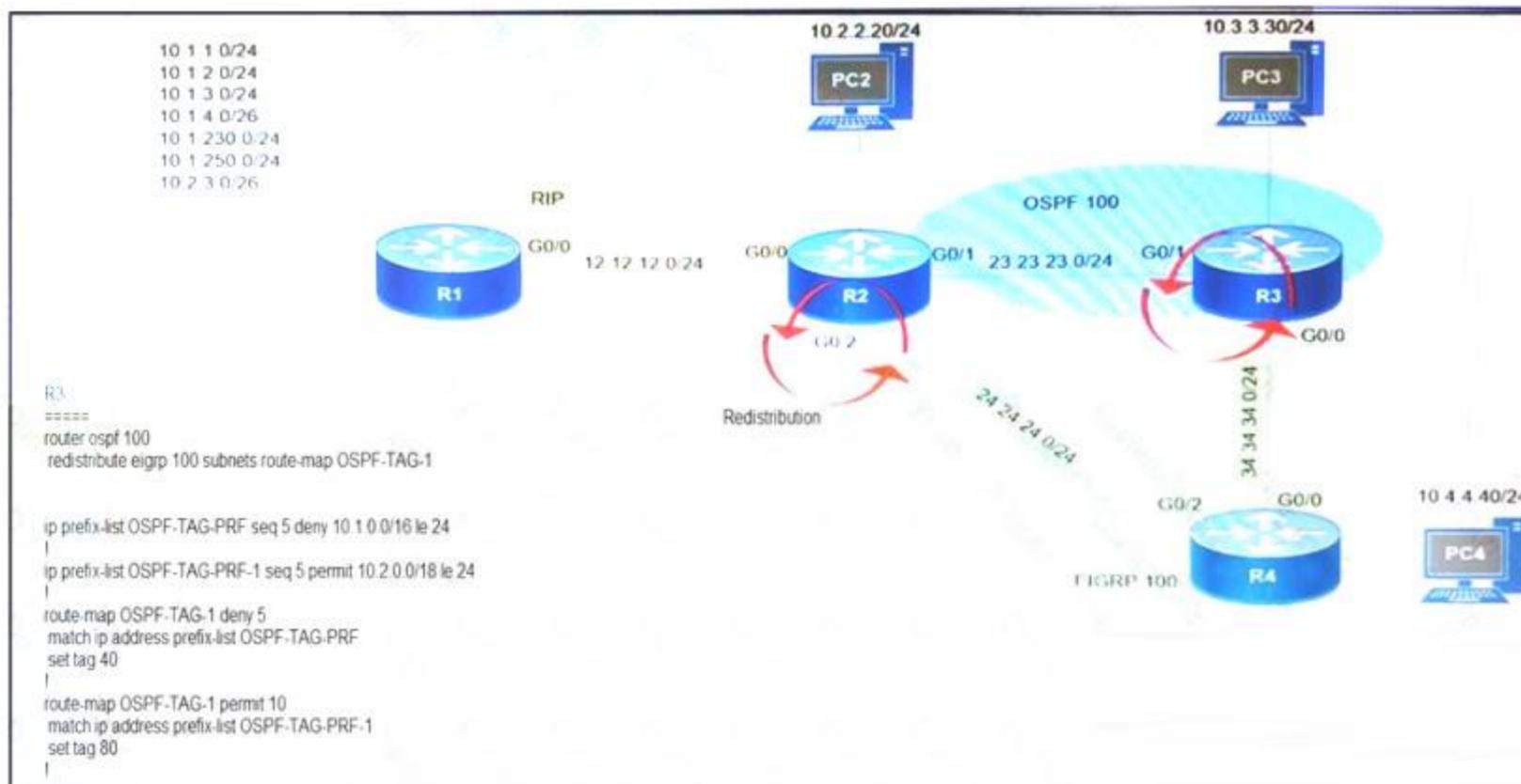
**Cisco**

## **Exam Questions 300-410**

Implementing Cisco Enterprise Advanced Routing and Services (ENARSI)

**NEW QUESTION 1**

Refer to the exhibit.



Which subnet is redistributed from EIGRP to OSPF routing protocols?

- A. 10.2.2.0/24
- B. 10.1.4.0/26
- C. 10.1.2.0/24
- D. 10.2.3.0/26

**Answer: A**

**NEW QUESTION 2**

A network engineer is investigating a flapping (up/down) interface issue on a core switch that is synchronized to an NTP server. Log output currently does not show the time of the flap. Which command allows the logging on the switch to show the time of the flap according to the clock on the device?

- A. service timestamps log uptime
- B. clock summer-time mst recurring 2 Sunday mar 2:00 1 Sunday nov 2:00
- C. service timestamps log datetime localtime show-timezone
- D. clock calendar-valid

**Answer: A**

**NEW QUESTION 3**

Refer to the exhibit.

```

R1#show policy-map control-plane
Control Plane
  Service-policy input: CoPP-BGP
  Class-map: BGP (match all)
    2716 packets, 172071 bytes
    5 minute offered rate 0000 bps, drop rate 0000 bps
  Match: access-group name BGP
  drop

  Class-map: class-default (match-any)
    5212 packets, 655966 bytes
    5 minute offered rate 0000 bps, drop rate 0000 bps
  Match: any
    
```

What is the result of applying this configuration?

- A. The router can form BGP neighborships with any other device.
- B. The router cannot form BGP neighborships with any other device.
- C. The router cannot form BGP neighborships with any device that is matched by the access list named "BGP".
- D. The router can form BGP neighborships with any device that is matched by the access list named "BGP".

**Answer: D**

**NEW QUESTION 4**

When provisioning a device in Cisco DNA Center, the engineer sees the error message "Cannot select the device. Not compatible with template". What is the reason for the error?

- A. The template has an incorrect configuration.
- B. The software version of the template is different from the software version of the device.
- C. The changes to the template were not committed.
- D. The tag that was used to filter the templates does not match the device tag.

**Answer: B**

**NEW QUESTION 5**

Drag and drop the addresses from the left onto the correct IPv6 filter purposes on the right.

<pre>permit ip 2001:d8b:800:200c::/117 2001:0DBB:800:2010::/64 eq 443</pre>	<pre>Permit NTP from this source 2001:0D8B:0800:200c::1f</pre>
<pre>permit ip 2001:D88:800:200C::e/126 2001:0DBB:800:2010::/64 eq 514</pre>	<pre>Permit syslog from this source 2001:0D88:0800:200c::1c</pre>
<pre>permit ip 2001:d8b:800:200c::800 /117 2001:0DBB:800:2010::/64 eq 80</pre>	<pre>Permit HTTP from this source 2001:0D8B:0800:200c::0ff</pre>
<pre>permit ip 2001:D8B:800:200C::c/126 2001:0DBB:800:2010::/64 eq 123</pre>	<pre>Permit HTTPS from this source 2001:0D8B:0800:200c::07ff</pre>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

<pre>permit ip 2001:d8b:800:200c::/117 2001:0DBB:800:2010::/64 eq 443</pre>	<pre>permit ip 2001:D8B:800:200C::c/126 2001:0DBB:800:2010::/64 eq 123</pre>
<pre>permit ip 2001:D88:800:200C::e/126 2001:0DBB:800:2010::/64 eq 514</pre>	<pre>permit ip 2001:D88:800:200C::e/126 2001:0DBB:800:2010::/64 eq 514</pre>
<pre>permit ip 2001:d8b:800:200c::800 /117 2001:0DBB:800:2010::/64 eq 80</pre>	<pre>permit ip 2001:d8b:800:200c::800 /117 2001:0DBB:800:2010::/64 eq 80</pre>
<pre>permit ip 2001:D8B:800:200C::c/126 2001:0DBB:800:2010::/64 eq 123</pre>	<pre>permit ip 2001:d8b:800:200c::/117 2001:0DBB:800:2010::/64 eq 443</pre>

**NEW QUESTION 6**

Refer to the exhibit.

```
snmp-server community ciscotest1
snmp-server host 192.168.1.128 ciscotest
snmp-sever enable traps bgp
```

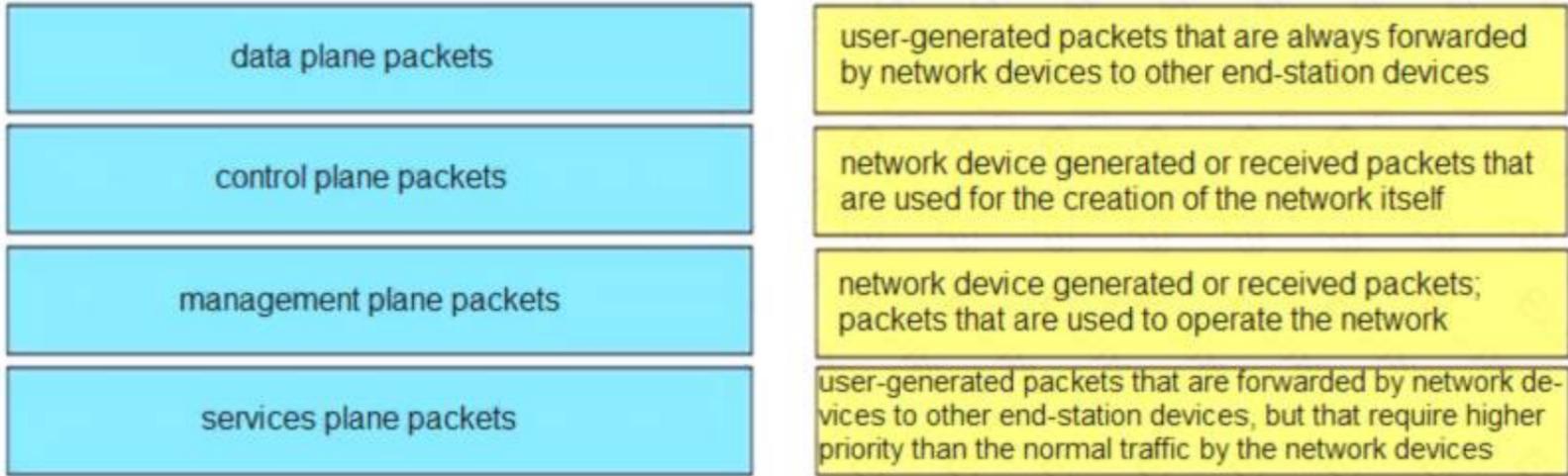
Network operations cannot read or write any configuration on the device with this configuration from the operations subnet. Which two configurations fix the issue? (Choose two.)

- A. Configure SNMP rw permission in addition to community ciscotest.
- B. Modify access list 1 and allow operations subnet in the access list.
- C. Modify access list 1 and allow SNMP in the access list.
- D. Configure SNMP rw permission in addition to version 1.
- E. Configure SNMP rw permission in addition to community ciscotest 1.

**Answer: AB**

**NEW QUESTION 7**

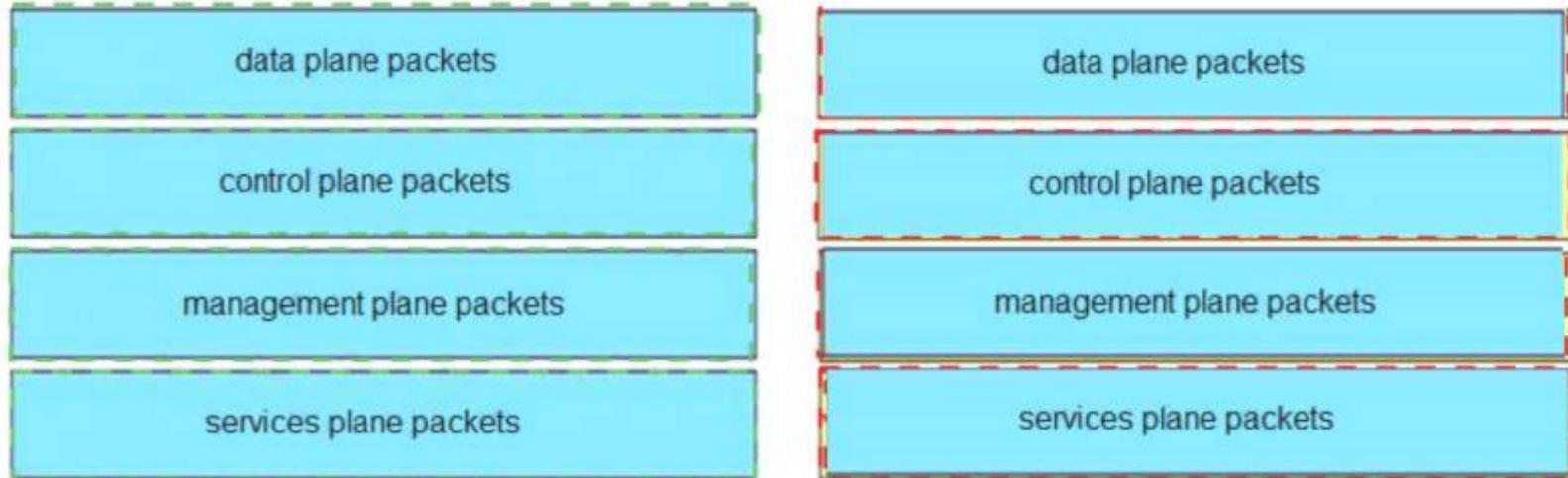
Drag and drop the packet types from the left onto the correct descriptions on the right.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



**NEW QUESTION 8**

Which method changes the forwarding decision that a router makes without first changing the routing table or influencing the IP data plane?

- A. nonbroadcast multiaccess
- B. packet switching
- C. policy-based routing
- D. forwarding information base

Answer: C

**NEW QUESTION 9**

Refer to the exhibit.

```

Router#show running-config | include ip route
ip route 192.168.2.2 255.255.255.255 209.165.200.225 130
Router#show ip route

<output omitted>

Gateway of last resort is not set

    192.168.1.0/32 is subnetted, 1 subnets
C       192.168.1.1 is directly connected, Loopback0
    192.168.2.0/32 is subnetted, 1 subnets
O       192.168.2.2[110/11] via 192.168.12.2, 00:52:09, Ethernet0/0
    192.168.12.0/24 is variably subnetted, 2 subnets, 2 masks
C       192.168.12.0/24 is directly connected, Ethernet0/0
L       192.168.12.1/32 is directly connected, Ethernet0/0
    209.165.200.0/24 is variably subnetted, 2 subnets, 2 masks
C       209.165.200.0/24 is directly connected, Ethernet0/1
        209.165.200.226/32 is directly connected, Ethernet0/1
    
```

An engineer configures a static route on a router, but when the engineer checks the route to the destination, a different next hop is chosen. What is the reason for this?

- A. Dynamic routing protocols always have priority over static routes.
- B. The metric of the OSPF route is lower than the metric of the static route.
- C. The configured AD for the static route is higher than the AD of OSPF.
- D. The syntax of the static route is not valid, so the route is not considered.

**Answer: C**

**NEW QUESTION 10**

Which list defines the contents of an MPLS label?

- A. 20-bit label; 3-bit traffic class; 1-bit bottom stack; 8-bit TTL
- B. 32-bit label; 3-bit traffic class; 1-bit bottom stack; 8-bit TTL
- C. 20-bit label; 3-bit flow label; 1-bit bottom stack; 8-bit hop limit
- D. 32-bit label; 3-bit flow label; 1-bit bottom stack; 8-bit hop limit

**Answer: A**

**NEW QUESTION 10**

Which statement about MPLS LDP router ID is true?

- A. If not configured, the operational physical interface is chosen as the router ID even if a loopback is configured.
- B. The loopback with the highest IP address is selected as the router ID.
- C. The MPLS LDP router ID must match the IGP router ID.
- D. The force keyword changes the router ID to the specified address without causing any impact.

**Answer: B**

**NEW QUESTION 14**

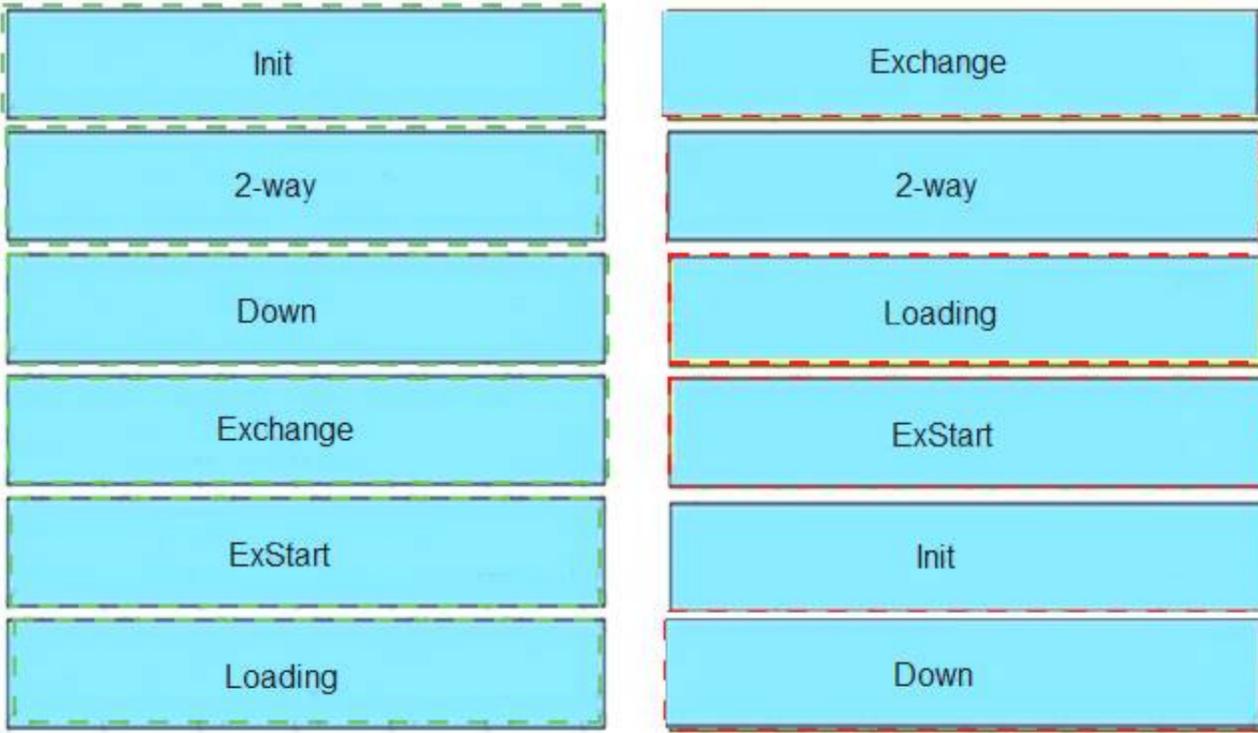
Drag and drop the OSPF adjacency states from the left onto the correct descriptions on the right.

Init	Each router compares the DBD packets that were received from the other router.
2-way	Routers exchange information with other routers in the multiaccess network.
Down	The neighboring router requests the other routers to send missing entries.
Exchange	The network has already elected a DR and a backup BDR.
ExStart	The OSPF router ID of the receiving router was not contained in the hello message.
Loading	No hellos have been received from a neighbor router.

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**



**NEW QUESTION 18**

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