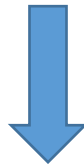


## Cisco CCNA Certification 200-125 Exam



- Vendor: Cisco
- Exam Code: 200-125
- Exam Name: Cisco Certified Network Associate

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**NEW QUESTION 716**

Which IEEE mechanism is responsible for the authentication of devices when they attempt to connect to a local network?

- A. 802.1x
- B. 802.11
- C. 802.2x
- D. 802.3x

**Answer: A**

**NEW QUESTION 717**

If router R1 knows a static route to a destination network and then learns about the same destination network through a dynamic routing protocol, how does R1 respond?

- A. It refuses to advertise the dynamic route to other neighbors
- B. It sends a withdrawal signal to the neighboring router
- C. It disables the routing protocol
- D. It prefers the static route

**Answer: D**

**NEW QUESTION 718**

Which two statements about floating static routes are true? (Choose two.)

- A. They are routes to the exact /32 destination address
- B. They are used when a route to the destination network is missing
- C. They have a higher administrative distance than the default static route administrative distance
- D. They are used as back-up routes when the primary route goes down
- E. They are dynamic routes that are learned from a server

**Answer: CD**

**NEW QUESTION 719**

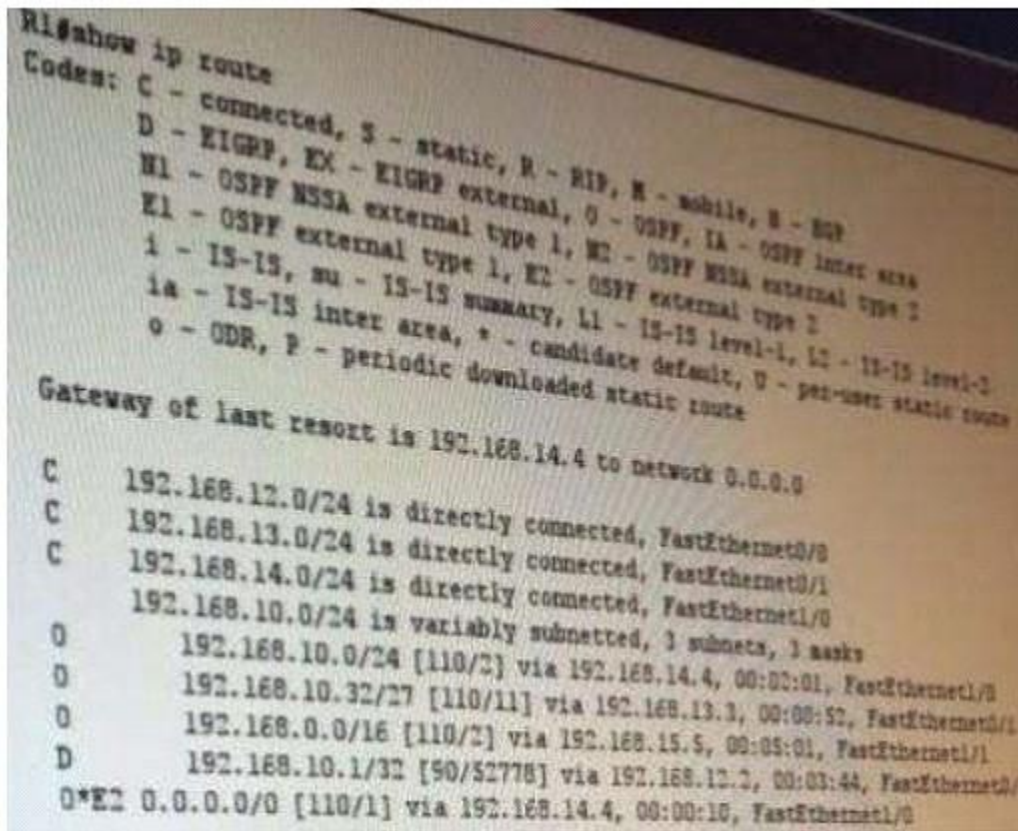
When you enable PortFast on a switch port, the port immediately transitions to which state?

- A. Blocking
- B. Forwarding
- C. Learning
- D. Listening

**Answer: B**

**NEW QUESTION 720**

Refer to the exhibit. If R1 receives a packet destined to 172.16.1.1, to which IP address does it send the packet?



- A. 192.168.14.4
- B. 192.168.12.2
- C. 192.168.13.3
- D. 192.168.15.5

**Answer: A**

**NEW QUESTION 721**

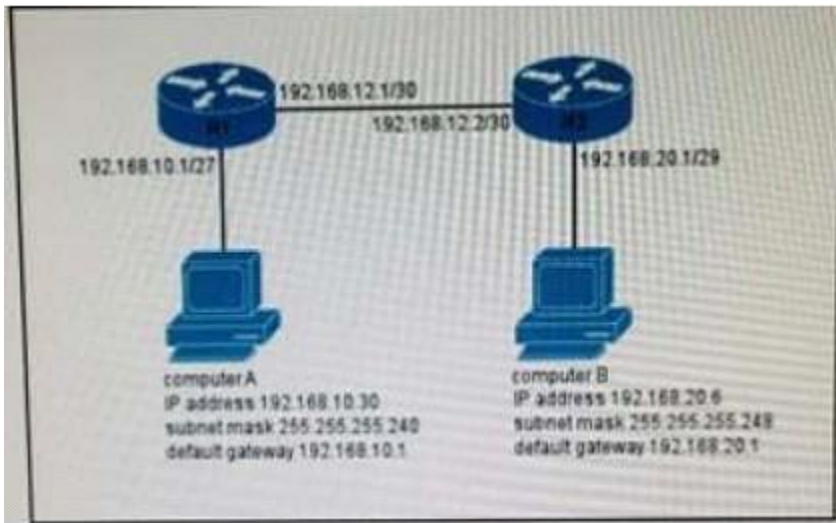
What is the command to see assigned address in DHCP?

- A. show ip DHCP statistic
- B. show ip dhcp pool
- C. show ip dhcp binding
- D. show ip dhcp database

**Answer: C**

**NEW QUESTION 722**

Refer to the exhibit. You determine that Computer A cannot ping Computer B. Which reason for the problem is most likely true?



- A. The Subnet mask for computer A is incorrect
- B. The default gateway address for computer A is incorrect
- C. The subnet mask for computer B is incorrect
- D. The default gateway address for computer B is incorrect

**Answer: A**

**NEW QUESTION 723**

Which effect of the passive-interface command on R1 is true?

```
R1
interface FastEthernet0/0
  description site id:14254489
  ip address 172.16.0.1 255.255.0.0

interface FastEthernet0/1
  description site id:14254489
  ip address 172.17.0.1 255.255.0.0

router rip
  passive-interface FastEthernet0/0
  network 172.16.0.0
  network 172.17.0.0
  version 2
```

- A. It prevents interface Fa0/0 from sending updates.
- B. Interface Fa 0/0 operates in RIPv1 mode.
- C. It removes the 172.16.0.0 network from all updates on all interfaces on R1.
- D. It removes the 172.16.0.0 network from all updates on all interfaces on R1.

**Answer: A**

**NEW QUESTION 724**

Which three encapsulation layers in the OSI model are combined into the TCP/IP application layer?

(Choose three.)

- A. Session
- B. transport
- C. presentation
- D. application
- E. data-link
- F. network

**Answer: ACD**

**NEW QUESTION 725**

When is the most appropriate time to escalate an issue that you troubleshooting?

- A. When you lack the proper to resolve the issue
- B. When a more urgent issue that requires your intervention is detected
- C. When you have gathered all information about an issue
- D. When you have been unable to resolve the issue after 30 min

**Answer: C**

**NEW QUESTION 726**

Which two command can you enter to display the current time sources statistics on devices?  
(Choose two.)

- A. Show ntp associations.
- B. Show clock details.
- C. Show clock.
- D. Show time.
- E. Show ntp status.

**Answer: AE**

**NEW QUESTION 727**

Which two authentic methods are compatible with MLPPP on a serial Interface? (Choose two.)

- A. PEAP
- B. CHAP
- C. TACACS+
- D. PAP
- E. LEAP

**Answer: BD**

**NEW QUESTION 728**

Which two statements about VTP are true? (Choose two.)

- A. All switches must be configured with the same VTP domain name.
- B. All switches must be configured to perform trunk negotiation.
- C. All switches must be configured with a unique VTP domain name.
- D. The VTP server must have the highest revision number in the domain.

E. All switches must use the same VTP version.

**Answer: AD**

**NEW QUESTION 729**

Refer to the exhibit. On R1 which routing protocol is in use on the route to 192.168.10.1?

- A. RIP
- B. OSPF
- C. IGRP
- D. EIGRP

**Answer: D**

**NEW QUESTION 730**

Which two options are the best reasons to use an IPv4 private IP space? (Choose two.)

- A. to enable intra-enterprise communication
- B. to implement NAT
- C. to connect applications
- D. to conserve global address space
- E. to manage routing overhead

**Answer: AD**

**NEW QUESTION 731**

Which type does a port become when it receives the best BPDU on a bridge?

- A. The designated port
- B. The backup port
- C. The alternate port
- D. The root port

**Answer: D**

**NEW QUESTION 732**

Which value can you modify to configure a specific interface as the preferred forwarding interface?

- A. The interface number
- B. The port priority
- C. The VLAN priority
- D. The hello time

**Answer: B**

**NEW QUESTION 733**

Which statement about VLAN configuration is true?

- A. The switch must be in VTP server or transparent mode before you can configure a VLAN
- B. The switch must be in config-vlan mode before you configure an extended VLAN
- C. Dynamic inter-VLAN routing is supported on VLAN2 through VLAN 4064

D. A switch in VTP transparent mode save the VLAN databases to the running configuration only

**Answer: A**

**NEW QUESTION 734**

In which two situations should you use out-of-band management?

- A. when a network device fails to forward packets
- B. when you require ROMMON access
- C. when management applications need concurrent access to the device
- D. when you require administrator access from multiple locations
- E. when the control plane fails to respond

**Answer: AB**

**NEW QUESTION 735**

What happens when an 802.11a node broadcasts within the range of an 802.11g access point?

- A. The access point transmits, but the node is unable to receive.
- B. A connection occurs.
- C. Both the node and the access point are unable to transmit.
- D. The node transmits, but the access point is unable to receive.

**Answer: D**

**NEW QUESTION 736**

Which value indicate the distance from the ntp authoritative time source?

- A. priority
- B. location
- C. layer
- D. stratum

**Answer: D**

**NEW QUESTION 737**

Which NTP type designates a router without an external reefrence clock as an authoritative time source?

- A. server
- B. peer
- C. master
- D. client

**Answer: C**

**NEW QUESTION 738**

Which 3 feature are represented by A letter in AAA? (Choose three.)

- A. authorization
- B. accounting

- C. authentication
- D. accountability
- E. accessibility
- F. authority

**Answer: ABC**

**NEW QUESTION 739**

When you deploy multilink PPP on your network, where must you configure the group IP Address on each device?

- A. in the global config
- B. Under serial interface
- C. Under the routing protocol
- D. Under the multilink interface

**Answer: D**

**NEW QUESTION 740**

Host is able to ping a web server but it is not able to do HTTP request.

- A. ACL blocking port 23
- B. ACL blocking All ports
- C. ACL blocking port 80
- D. ACL blocking port 443
- E. None of the above

**Answer: C**

**NEW QUESTION 741**

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**NEW QUESTION 754**

Which value must the device send as its username when using CHAP to authenticate with the remote peer site id:17604704 over a PPP link?

- A. The automatically generated user name
- B. The local host name
- C. The user name defined by the administrator
- D. The host name of the remote device.

**Answer: B**

**NEW QUESTION 755**

What can you change to select switch as root bridge?

- A. make lower priority
- B. make higher priority
- C. make lower path cost
- D. make higher path cost



**Answer: A**

**NEW QUESTION 756**

Refer to exhibit. What Administrative distance has route to 192.168.10.1 ?

```
RI#show ip route
Codes: C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route
       o - ODR, P - periodic downloaded static route

Gateway of last resort is 192.168.14.4 to network 0.0.0.0

C    192.168.12.0/24 is directly connected, FastEthernet0/0
C    192.168.13.0/24 is directly connected, FastEthernet0/1
C    192.168.14.0/24 is directly connected, FastEthernet1/0
O    192.168.10.0/24 is variably subnetted, 3 subnets, 1 mask
O    192.168.10.0/24 [110/2] via 192.168.14.4, 00:02:01, FastEthernet1/0
O    192.168.10.32/27 [110/11] via 192.168.13.3, 00:00:52, FastEthernet0/1
O    192.168.0.0/16 [110/2] via 192.168.15.5, 00:05:01, FastEthernet1/1
D    192.168.10.1/32 [90/52778] via 192.168.12.2, 00:03:44, FastEthernet0/0
O*E2 0.0.0.0/0 [110/1] via 192.168.14.4, 00:00:10, FastEthernet1/0
```

- A. 1
- B. 90
- C. 110
- D. 120

**Answer: B**

**NEW QUESTION 757**

Which statement about IPv6 link-local addresses is true ?

- A. They must be configured on all IPv6 interface
- B. They must be globally unique
- C. They must be manually configured
- D. They are advertised globally on the network

**Answer: A**

**NEW QUESTION 758**

Which configuration can be used with PAT to allow multiple inside address to be translated to a single outside address ?

- A. Dynamic Routing
- B. DNS
- C. Preempt
- D. overload

**Answer: D**

**NEW QUESTION 759**

Which two types of information are held in the MAC address table? (Choose two)

- A. MAC address

- B. source IP address
- C. destination IP address
- D. Protocols
- E. Port numbers

**Answer: AE**

**NEW QUESTION 760**

Which command can you enter to create a NAT pool of 6 addresses?

- A. Router(config)#ip nat pool test 175.17.12.69 175.17.12.74 prefix-length 24
- B. Router(config)#ip nat pool test 175.17.12.69 175.17.13.74 prefix-length 16
- C. Router(config)#ip nat pool test 175.17.12.66 175.17.12.72 prefix-length 8
- D. Router(config)#ip nat pool test 175.17.12.69 175.17.12.76 prefix-length 8

**Answer: A**

**NEW QUESTION 761**

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**NEW QUESTION 795**

While troubleshooting a connection problem on a computer, you determined that the computer can ping a specific web server but it cannot connect to TCP port 80 on that server. Which reason for the problem is most likely true?

- A. A VLAN number is incorrect
- B. An ARP table entry is missing
- C. A route is missing
- D. An ACL is blocking the TCP port

**Answer: D**

**NEW QUESTION 796**

When troubleshooting Ethernet connectivity issues, how can you verify that an IP address is known to a router?

- A. Check whether the IP address is in the routing table
- B. Check whether an ACL is blocking the IP address
- C. Check whether the IP address is in the CAM table
- D. Check whether the IP address is in the ARP table

**Answer: D**

**NEW QUESTION 797**

Which two statements about IPv6 address 2002:ab10:beef::/48 are true? (Choose two.)

- A. The embedded IPv4 address can be globally routed
- B. It is used for an ISATAP tunnel
- C. The embedded IPv4 address is an RFC 1918 address
- D. The MAC address 20:02:b0:10:be:ef is embedded into the IPv6 address
- E. It is used for a 6to4 tunnel

**Answer: AE**

**NEW QUESTION 798**

Which two steps must you perform on each device that is configured for IPv4 routing before you implement OSPFv3? (Choose two.)

- A. configure an autonomous system number
- B. configure a loopback interface
- C. configure a router ID
- D. enable IPv6 on an interface
- E. enable IPv6 unicast routing

**Answer: CE**

**NEW QUESTION 799**

Which option is the main function of congestion management?

- A. discarding excess traffic
- B. queuing traffic based on priority
- C. classifying traffic
- D. providing long-term storage of buffered data

**Answer: B**

**NEW QUESTION 800**

Which command must you enter to enable OSPFV2 in an IPV4 network?

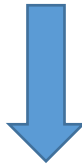
- A. ip ospf hello-interval seconds
- B. router ospfv2 process-id
- C. router ospf value
- D. router ospf process-id

**Answer: D**

**NEW QUESTION 801**

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