Vendor: Juniper

Exam Code: JN0-280

Exam Name: Data Center, Associate (JNCIA-DC)

Version: DEMO

QUESTION 1
Which of the following is a key benefit of implementing High Availability (HA) in a network?

A. Reduced network security
B. Increased network downtime
C. Enhanced data redundancy
D. Slower data recovery

Answer: C

QUESTION 2
In OSPF, which command is commonly used to monitor neighbor relationships?

A. show ip ospf neighbors
B. show ospf database
C. show ip route ospf
D. show ospf interfaces

Answer: A

QUESTION 3
What protocol and port does BGP use for control plane communication?

A. protocol TCP, port 179
B. protocol UDP, port 179
C. protocol TCP, port 159
D. protocol UDP, port 159

Answer: A

QUESTION 4
With regards to graceful restart, which two statements are true? (Choose two.)

A. A supported routing protocol, such as BGP, must be operational for graceful restart to work.
B. NSR must be enabled for graceful restart to work.
C. Dual routing engines are required for graceful restart to work.
D. The network topology must be stable for graceful restart to work.

Answer: AD

QUESTION 5
What is the purpose of using route reflectors in BGP?

A. To encrypt BGP messages
B. To reduce the number of required IBGP sessions in a network
C. To increase the speed of BGP convergence
D. To automatically select the best route

Answer: B

QUESTION 6
What does the "qualified-next-hop" feature do when configuring a static route?

A. It allows you to specify an independent route preference value for an additional next hop.
B. It specifies the IP address of the directly connected device.
C. It instructs the device to verify the next-hop is reachable before activating the route.
D. It instructs the device to looks up a static route's next-hop that is not directly connected.

Answer: A

QUESTION 7
In the context of Ethernet bridging on Junos devices, what is the purpose of the Spanning Tree Protocol (STP)?

A. To prevent routing loops.
B. To provide a mechanism for VLAN tagging.
C. To prevent Layer 2 switching loops.
D. To filter MAC addresses.

Answer: C

QUESTION 8
Which statement is correct about the OSPF link-state database?

A. Each router within the same area must maintain a unique copy of the link-state database.
B. Each router within the same area must maintain an identical copy of the link-state database.
C. Each router within the OSPF domain must maintain a unique copy of the link-state database.
D. Each router within the OSPF domain must maintain an identical copy of the link-state database.

Answer: B

QUESTION 9
In a Spine/Leaf IP-Fabric architecture, what is the primary role of the leaf switches?

A. To provide direct connectivity to servers.
B. To interconnect different data centers.
C. To perform deep packet inspection.
D. To manage the overall data center network.

Answer: A

QUESTION 10
What is the primary function of a VLAN?

A. To encrypt network traffic.
B. To provide a routing mechanism between different networks.
C. To segment a network into multiple broadcast domains.

D. To control network traffic based on MAC addresses.

Answer: C

QUESTION 11
What roles do the Designated Router (DR) and Backup Designated Router (BDR) play in OSPF?

A. They redistribute routes between OSPF and non-OSPF networks.
B. They are responsible for generating LSAs for external routes.
C. They reduce the number of adjacencies on broadcast networks.
D. They determine the shortest path first algorithm.

Answer: C

QUESTION 12
Which two statements are correct about BGP? (Choose two.)

A. IBGP peers do not advertise routes learned from IBGP peers to other IBGP peers.
B. EBGP uses the AS path to avoid loops.
C. IBGP sessions are typically established between physical router interfaces.
D. EBGP sessions are typically established between router loopback interfaces.

Answer: AB

QUESTION 13
Which of the following are correct about OSPF router ID selection? (Choose two)

A. It can be manually configured.
B. It is chosen based on the highest IP address of any active interface by default.
C. It is always the IP address of the loopback interface.
D. It is selected based on the lowest MAC address.

Answer: AB

QUESTION 14
EVPN/VXLAN is primarily used in modern data centers to:

A. Increase the physical distance between data centers.
B. Provide Layer 2 connectivity over a Layer 3 network.
C. Replace traditional routing protocols.
D. Enhance the physical security of the data center.

Answer: B

Thank You for Trying Our Product

Lead2pass Certification Exam Features:

★ More than **99,900** Satisfied Customers Worldwide.

★ Average **99.9%** Success Rate.

★ **Free Update** to match latest and real exam scenarios.

★ **Instant Download** Access! No Setup required.

★ Questions & Answers are downloadable in **PDF** format and **VCE** test engine format.

★ Multi-Platform capabilities - **Windows, Laptop, Mac, Android, iPhone, iPod, iPad**.

★ **100%** Guaranteed Success or **100%** Money Back Guarantee.

★ **Fast**, helpful support **24x7**.

View list of all certification exams: http://www.lead2pass.com/all-products.html

10% Discount Coupon Code: **ASTR14**