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Advanced Deploy VMware NSX-T Data Center 3.x (VCAP-NV)

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Question: 46

What is the purpose of the NSX-T Data Center Edge Cluster?

A. It provides connectivity between NSX-T overlay networks and external networks.
B. It hosts NSX Edge nodes and provides gateway services.
C. It manages and distributes security policies across the NSX-T environment.
D. It enables microsegmentation and granular security controls.

Answer: B

Explanation: The NSX-T Data Center Edge Cluster hosts NSX Edge nodes and provides gateway services. It enables connectivity between NSX-T overlay networks and external networks, as well as the deployment of network services such as NAT, VPN, and load balancing.

Question: 47

Which NSX-T Data Center component provides distributed firewall capabilities?

A. NSX Distributed Firewall
B. NSX Data Plane
C. NSX Controller
D. NSX Manager

Answer: A

Explanation: The NSX Distributed Firewall provides distributed firewall capabilities in NSX-T Data Center. It offers fine-grained, stateful packet filtering and security policies at the virtual machine level, allowing for microsegmentation and granular security controls.

Question: 48

What is the function of the NSX-T Data Center Logical Switch?

A. It allows for the creation of logical network segments and the attachment of virtual machines.
B. It enables routing between NSX-T overlay networks and Tier-0 Gateways.
C. It performs network virtualization and overlay functionality.
D. It provides connectivity between NSX-T overlay networks and external networks.

Answer: A

Explanation: The NSX-T Data Center Logical Switch allows for the creation of logical network segments and the attachment of virtual machines. It provides network connectivity and isolation within the NSX-T environment, enabling the deployment of virtual networks and logical segments.

Question: 49

Which NSX-T Data Center component provides integration with physical network infrastructure?

A. NSX Manager
B. NSX Data Plane
C. NSX-T Edge
D. NSX Controller

Answer: C

Explanation: NSX-T Edge provides integration with physical network infrastructure in NSX-T Data Center. It enables connectivity between NSX-T overlay networks and external networks, allowing for the integration of physical workloads and services.

Question: 50

What is the purpose of the NSX-T Data Center Tier-0 Gateway?

A. It enables routing between NSX-T overlay networks and Tier-1 Gateways.
B. It provides connectivity between NSX-T overlay networks and external networks.
C. It performs network virtualization and overlay functionality.
D. It manages and distributes security policies across the NSX-T environment.

Answer: B

Explanation: The NSX-T Data Center Tier-0 Gateway provides connectivity between NSX-T overlay networks and external networks. It acts as the central gateway for north-south traffic, handling routing between the overlay network and external networks.

Question: 51

What is the purpose of the NSX-T Data Center Overlay Transport Zone?

A. It enables routing between NSX-T overlay networks and Tier-0 Gateways.
B. It provides connectivity between NSX-T overlay networks and external networks.
C. It defines the scope and extent of NSX-T overlay networking within a vSphere environment.
D. It manages and distributes security policies across the NSX-T environment.

Answer: C

Explanation: The NSX-T Data Center Overlay Transport Zone defines the scope and extent of NSX-T overlay networking within a vSphere environment. It determines which hosts and clusters are part of the NSX-T overlay network and allows for the segmentation and isolation of traffic.

Question: 52

What is the purpose of the NSX-T Data Center Edge Node?

A. It provides centralized management and control of the NSX-T environment.
B. It performs network virtualization and overlay functionality.
C. It hosts NSX Edge nodes and provides gateway services.
D. It enables microsegmentation and granular security controls.

Answer: C

Explanation: The NSX-T Data Center Edge Node hosts NSX Edge nodes and

provides gateway services. It enables connectivity between NSX-T overlay networks and external networks, as well as the deployment of network services such as NATand load balancing.

Question: 53

Which NSX-T Data Center component is responsible for maintaining the logical network topology?

A. NSX Controller
B. NSX Data Plane
C. NSX Manager
D. NSX Edge

Answer: A

Explanation: The NSX Controller is responsible for maintaining the logical network topology in NSX-T Data Center. It distributes network state information, ensures consistent network policies across the environment, and handles the programming of network switches and routers.

Question: 54

What is the purpose of NSX Intelligence in NSX-T Data Center?

A. It offers advanced analytics and insights into network traffic and security events.
B. It provides distributed firewall capabilities.
C. It enables integration with Kubernetes and container-based environments.
D. It performs network virtualization and overlay functionality.

Answer: A

Explanation: NSX Intelligence provides advanced analytics and insights into network traffic and security events in NSX-T Data Center. It offers visibility into network flows, helps identify security threats, and provides recommendations for improving network performance and security.

Question: 55

Which NSX-T Data Center component provides integration with third-party security solutions?

A. NSX Manager
B. NSX Data Plane
C. NSX Service Insertion
D. NSX Intelligence

Answer: C

Explanation: NSX Service Insertion provides integration with third-party security solutions in NSX-T Data Center. It allows for the insertion of security services, such as firewall appliances or intrusion prevention systems, into the network traffic flow to enhance security capabilities.

Question: 56

What is the function of the NSX-T Data Center Transport Node?

A. It hosts NSX-T components and provides connectivity to NSX-T overlay networks.
B. It enables routing between NSX-T overlay networks and Tier-1 Gateways.

C. It performs network virtualization and overlay functionality.
D. It provides distributed firewall capabilities.

Answer: A

Explanation: The NSX-T Data Center Transport Node hosts NSX-T components and provides connectivity to NSX-T overlay networks. It acts as the network endpoint for virtual machines and enables the deployment of network and security services.

Question: 57

Which NSX-T Data Center component provides centralized management and control of the NSX-T environment?

A. NSX Data Plane
B. NSX Manager
C. NSX Controller
D. NSX Edge

Answer: B

Explanation: NSX Manager provides centralized management and control of the NSX-T environment. It allows for the configuration, monitoring, and troubleshooting of NSX-T components, and provides a graphical user interface for managing NSX-T functionality.

Question: 58

Which NSX-T Data Center component provides integration with VMware vSphere?

A. NSX Data Plane
B. NSX Manager
C. NSX Controller
D. NSX Edge

Answer: B

Explanation: NSX Manager provides integration with VMware vSphere in NSX-T Data Center. It allows for the deployment and management of logical networking and security services within the vSphere environment, providing network virtualization and overlay functionality.

Question: 59

What is the function of the NSX-T Data Center Logical Router?

A. It provides connectivity between NSX-T overlay networks and external networks.
B. It enables routing between NSX-T overlay networks and Tier-1 Gateways.
C. It performs network virtualization and overlay functionality.
D. It allows for the creation of logical network segments and the attachment of virtual machines.

Answer: B

Explanation: The NSX-T Data Center Logical Router enables routing between NSX-T overlay networks and Tier-1 Gateways. It handles the routing of east-west traffic within the overlay network and provides connectivity to the Tier-1 Gateway for north-south traffic.

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