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Advanced Design VMware NSX-T Data Center

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QUESTION 1

Which three IPv6 features are supported in an NSX-T Data Center design? (Choose three.)

A. IPv6 OSPF

B. IPv6 static routing

C. IPv6 switch security

D. IPv6 DNS

E. IPv6 Distributed Firewall

F. IPv6 VXLAN

Correct Answer: BCE

Reference: https://blogs.vmware.com/networkvirtualization/2019/02/ipv6-support-in-nsx-t-2-4.html/

QUESTION 2

Which three choices are non-functional requirements? (Choose three.)

A. authorization

B. certification

C. availability

D. authentication

E. scalability

F. cost

Correct Answer: ABE

QUESTION 3

An architect is helping an organization with the Logical Design of an NSX-T Data Center solution.

This information was gathered during the Assessment Phase:

Maximum performance and availability is required between the physical and virtual network.

Load Balancing service is required for back-end web servers.

NAT is required.

Which selection should the architect include in their design? (Choose the best answer.)

A. Deploy a Tier-1 gateway and connect it to an Active/Active Tier-0 gateway with ECMP configured.

B. Deploy an Active/Active Tier-0 gateway and configure ECMP.

C. Deploy an Active/Standby Tier-0 gateway and configure ECMP.

D. Create two separate VLANs to connect the Tier-0 gateway upstream traffic and configure ECMP.

Correct Answer: C

QUESTION 4

A Solutions Architect is designing an environment with 1,200 services being offered through the NSX-T Data Center Load Balancer.

Which three selections are necessary to meet the minimum requirements to support the solution? (Choose three.)

A. Extra Large Load Balancer

B. Tier 1 Gateway

C. Tier 0 Gateway

D. Large Edge Node

E. Extra Large Edge Node

F. Large Load Balancer

Correct Answer: BDF

QUESTION 5

An NSX-T architect is working with a customer who wants to improve performance and future-proof their

workloads with a multi-site architecture.

A current-state analysis captured this information:

Latency between sites is 160ms.

Bandwidth is 2Gbps.

The MTU is 1600.

What two VMware design recommendations should the architect recommend to the organization to

achieve future-proofing? (Choose two.)

A. MTU is recommended to be 9000.

B. MTU must be at least 1700.

C. Bandwidth must be at least 10Gbps.

D. Latency RTT is acceptable.

E. Latency must be less than 150ms.

Correct Answer: AE

QUESTION 6

A telecom company has purchased NSX-T as part of a Software Defined Data Center (SDDC) initiative. The company wants to ensure the highest performance for network traffic leaving the virtual environment.

Which two selections would an architect recommend to achieve the customer\\'s goal? (Choose two.)

A. Configure Equal-Cost Multi-Pathing on the NSX Edges.

B. Configure SR-IOV for the virtual NSX Edges.

C. Use bare metal NSX Edges.

D. Select Network cards that support VXLAN Offload.

E. Set "Latency Sensitive" option to High when deploying the virtual NSX Edges.

Correct Answer: BE

QUESTION 7

Which three choices are part of a Design Approach when discussing design alternatives and their effects? (Choose three.)

A. backup

B. budget

C. cost

D. performance

E. knowledge

F. security

Correct Answer: DEF

QUESTION 8

Which two protocols are typically used for multicast in a NSX-T Data Center environment? (Choose two.)

A. PIM Full Form

B. PIM Dense Mode

C. IGMPv2

D. PIM Sparse mode

E. IGMPv3

Correct Answer: CD

Reference: https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/administration/GUID-6AAC33604F79-4FBF-BCC1-0D8C220B0621.html

QUESTION 9

An architect is helping an organization with the Logical Design of an NSX-T Data Center solution.

Which two statements should the architect consider as non-technical requirements? (Choose two.)

A. Any solution should add more value to current and future customers engagements.

B. The design should offer agility and freedom for application phases.

C. All application servers have hardcoded IP addresses.

D. Current business continuity and disaster recovery plans are based on tape technology.

E. Different vendors are used for the storage solution.

Correct Answer: BD

QUESTION 10

A customer wants to place their NSX Managers in different subnets.

Which would an architect recommend to support the request? (Choose the best answer.)

A. Use a load balancer.

B. Use round-robin DNS.

C. Use NAT.

D. Use a cluster Virtual IP.

Correct Answer: D

Reference: http://www.cloudxtreme.info/nsx-t-manager-clustering/