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Advanced Design VMware NSX-T Data Center

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QUESTION 1

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 2

An architect is helping an organization with the Physical Design of an NSX-T Data Center solution. This information was gathered during a workshop:

Some workloads should be moved to a Cloud Provider.

Extend network\\'s VLAN or VNI across sites on the same broadcast domain.

Enable VM mobility use cases such as migration and disaster recovery without IP address changes.

Support 1500 byte MTU between sites.

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

A. Create a vSphere Distributed Switch (vDS) for Management VMkernel traffic and assign one NIC. Also, create an NSX-T Virtual Distributed Switch (N-VDS) for overlay traffic and assign one NIC.

B. Create an NSX-T Virtual Distributed Switch (N-VDS) for Management VMkernel traffic and assign one NIC. Also, create an NSX-T Virtual Distributed Switch (N-VDS) for overlay traffic and assign one NIC.

C. Create an NSX-T Virtual Distributed Switch (N-VDS) for Management VMKernel and overlay traffic and assign both NICs.

D. Create an NSX-T Virtual Distributed Switch (N-VDS) for Management VMkernel and overlay traffic and assign a new virtual NIC.

Correct Answer: A

QUESTION 3

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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 4

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:

There is a performance based SLA for East – West traffic.

The business critical applications require prioritization of their traffic.

One of the services is a file share and has a high demand for bandwidth.

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

A. Review average North/South traffic from the core switches and firewall.

B. Include a segment QoS profile and review the impact of utilizing this feature.

C. Meet with the organization\\\'s application team to get additional information.

D. Monitor East-West traffic throughout normal business cycles.

Correct Answer: B

QUESTION 5

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 6

A customer has a requirement to implement a next generation firewall (NGFW) to improve security network introspection. The customer wants to apply the NGFW to all workloads exposed both internally and externally. The customer wants the NGFW to work seamlessly with NSX-T Data Center and vSphere.

Which solution should be recommended to the customer? (Choose the best answer.)

A. Use network introspection only on the external workloads and use NSX DFW for internal workloads.

B. Apply the NGFW on bare metal hosts which will offer better performance of inline network introspection.

C. Apply the NGFW to internal and external workloads for increased protection and use NSX-T Data Center with Federation to set network policies.

D. Use NSX-T Data Center leveraged with NSX Intelligence to protect all workloads at the network inspection level.

Correct Answer: D

QUESTION 7

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/

QUESTION 8

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

This information was gathered during a workshop:

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Current hypervisor of choice is KVM.

Cost reduction is important.

Which two selections should the architect recommend to the organization? (Choose two.)

A. Deploy Edge VM Nodes using ISO.

B. Deploy NSX Manager using OVF.

C. Deploy NSX Manager using QCOW2.

D. Deploy bare metal Edge Nodes.

E. Deploy Edge VM Nodes on KVM.

Correct Answer: CD

QUESTION 9

What selection is the key design benefit provided by a dedicated Edge Cluster VM or Bare Metal? (Choose the best answer.)

A. reduced administrative overhead

B. predictable network performance

C. multiple Tier-0 gateways per Edge Node Cluster

D. support for Edge Node Clusters with more than 10 Edge Nodes

Correct Answer: B

QUESTION 10

Which selection is associated with the Review Task of the Engagement Lifecycle? (Choose the best answer.)

A. Gather and document requirements, assumptions, and constraints.

B. Build, deploy, implement, and test the design.

C. Measure performance against customer\\'s objective.

D. Create and document the logical and physical design.

Correct Answer: C

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