

3V0-42.20^{Q&As}

Advanced Design VMware NSX-T Data Center

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QUESTION 1

Which selection must be taken into consideration when creating a Logical Design for a planned migration? (Choose the best answer.)

- A. An N-VDS can only attach to a single Overlay transport zone.
- B. An N-VDS can only attach to a single VLAN transport zone.
- C. An N-VDS can attach to both an Overlay and a VLAN transport zone to a N-VDS having different name/s.
- D. An N-VDS must be disabled before attaching both Overlay and VLAN transport zones.

Correct Answer: B

QUESTION 2

Which two benefits can be achieved using in-band management of an NSX Bare Metal Edge Node? (Choose two.)

- A. Reduces storage requirements.
- B. Reduces cost.
- C. Preserves packet locality.
- D. Reduces egress data.
- E. Preserves switchports.

Correct Answer: BD

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:

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 4

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 5

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

This information was gathered during a workshop:

Any proposed solution must provide low latency. Any proposed solution must provide high throughput. Customer is running stock trading applications.

Which two selections should the architect recommend to meet high-performance workload requirements? (Choose two.)

A. Leverage ESXi as the compute host.

B. Use LACP for all uplink profiles.

- C. Leverage KVM as the compute host.
- D. Enable enhanced data path mode on the N-VDS.
- E. Enable latency sensitivity mode on the N-VDS.

Correct Answer: AD

QUESTION 6

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. Load Balancer
- B. Reflexive NAT
- C. SSL VPN
- D. L2 VPN

Correct Answer: D

QUESTION 7

A Solution Architect will be deploying an Ethernet Virtual Private Network (EVPN) in their NSX-T Data Center environment.

What two selections must be prepared for the EVPN deployment? (Choose two.)

- A. deployed Tier-0 gateway
- B. deployed Load Balancer
- C. deployed Tier-1 gateway
- D. remote gateway with support for IGP and VLAN priority

E. remote gateway with support for MP-BGP and VXLAN

Correct Answer: BE

Reference: https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/nsxt_30_admin.pdf

QUESTION 8

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:

Customer is concerned with NSX Manager availability.

3 cabinets/racks are available in the data center.

No integration with 3rd party solution is required.

There is no budget for physical equipment acquisition.

The 3 cabinets/racks do not share the same L2 domain.

Which three selections should the architect include in their design to address the customer's concern with NSX Manager availability? (Choose three.)

- A. Deploy 2 cold standby NSX Manager appliances in rack 2/3.
- B. Use separate IP per NSX Manager appliance per rack.
- C. Use another NSX Manager IP in case an appliance fails.
- D. Deploy a single active NSX Manager appliance in rack 1.
- E. Deploy an NSX Manager Appliance per rack and cluster them.
- F. Use a physical/internal load-balancer with the cluster.

Correct Answer: ADE

QUESTION 9

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:

Data between two networks connected over a public network needs to be encrypted.

Certificate authentication is required.

Dynamic route learning is preferred.

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

- A. Deploy a Tier-0 gateway in Active/Standby mode. Configure policy-based IPsec VPN with SHA512 with RSA as the hash algorithm.
- B. Deploy a Tier-0 gateway in Active/Active mode. Configure route-based IPsec VPN with SHA512 with RSA as the hash algorithm.
- C. Deploy a Tier-0 gateway in Active/Standby mode. Configure route-based IPsec VPN with SHA512 with RSA as the hash algorithm.
- D. Deploy a Tier-0 gateway in Active/Active mode. Configure policy-based IPsec VPN with SHA512 with RSA as the hash algorithm.

Correct Answer: C

QUESTION 10

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

This information was gathered during the Assessment Phase:

There is a critical application used by the Finance Team.

The critical application has an availability and recoverability SLA of 99.999%.

The critical application is sensitive to network changes.

Which two selections should an architect include in their design? (Choose two.)

- A. Configure Tier-0 gateway for eBGP and ECMP.
- B. Configure Tier-1 gateway for eBGP and ECMP.
- C. Enable BFD on Tier-0 gateway.
- D. Install and configure hosts with 100Gbps physical NICs.
- E. Configure multiple static routes on Tier-1 gateway.

Correct Answer: BD

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