



Vendor: VMware

Exam Code: 3V0-42.20

Exam Name: Advanced Design VMware NSX-T Data Center

Version: DEMO

QUESTION 1

Which is a family of solutions for data center designs that span compute, storage, networking, and management, serving as a blueprint for a customer's Software Defined Data Center (SDDC) implementations? (Choose the best answer.)

- A. VMware SDDC Design
- B. VMware Validated Design
- C. VMware POC Design
- D. VMware Cloud Foundation

Answer: B

QUESTION 2

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

Answer: BCE

Explanation:

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

QUESTION 3

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

Answer: D

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:

- There are six hosts and hardware has already been purchased.
- Customer is planning a collapsed Management/Edge/Compute cluster.
- Each host has two 10Gb NICs connected to a pair of switches.
- There should be no single point of failure in any proposed design.

Which virtual switch design should the architect recommend to the organization? (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.

Answer: A

QUESTION 5

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

Answer: B

QUESTION 6

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.

Answer: B

QUESTION 7

Which NSX-T feature is used to allocate the network bandwidth to business-critical applications and to resolve situations where several types of traffic compete for common resources? (Choose the best answer.)

- A. Network I/O Control Profiles
- B. LLDP Profile
- C. LAG Uplink Profile
- D. Transport Node Profiles

Answer: A

Explanation:

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.4/installation/GUID-9A8FD62A-F099-4329-8220-6D5853F9A62D.html>

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 currently has a single 10 host vSphere cluster.
- Customer wants to improve network security and automation.
- Current cluster utilization and business policies prevent changing the existing vSphere deployment.
- High-availability is important to the customer.

Which three selections should the architect include in their design? (Choose three.)

- A. Apply vSphere DRS VM-Host anti-affinity rules to the virtual machines of the NSX-T Edge cluster.
- B. Deploy at least two NSX-T Edge virtual machines in the vSphere cluster.
- C. Deploy the NSX Controllers in the management cluster.
- D. Apply vSphere Distributed Resource Scheduler (vSphere DRS) VM-Host anti-affinity rules to NSX Managers.
- E. Remove 2 hosts from the cluster and create a new edge cluster.
- F. Remove vSphere DRS VM-Host affinity rules to the NSX-T Controller VMs.

Answer: ACE

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