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**Exam** : **3V0-42.20**

**Title** : Advanced Design VMware  
NSX-T Data Center

**Version** : DEMO

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**

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:**

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

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**

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: C**

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**