- **Vendor: VMware**
- **Exam Code: 3V0-41.19**
- **Exam Name: Advanced Design NSX-T Data Center 2.4**
- **New Updated Questions from Braindump2go (Updated in May/2020)**

QUESTION 12
A customer wants to place their NSX Managers in different subnets. Which would an architect recommend to support the request?

A. Use a cluster Virtual IP.
B. Use round-robin DNS.
C. Use a load balancer.
D. Use NAT.

Answer: A

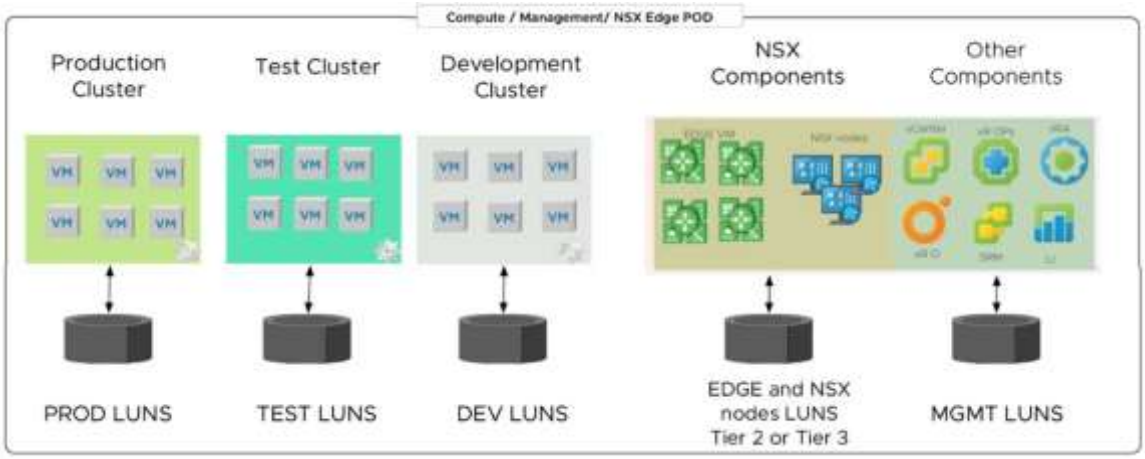
QUESTION 13
An architect is helping an organization with the Physical Design of an NSX-T Data Center solution. This information was gathered during the Assessment Phase:
- There Is a critical application used by the Finance Team.
- The critical application has an availability and recoverability SLA of 99.99%.
- The critical application Is sensitive to network changes.

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

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

Answer: BE

QUESTION 14
Refer to Exhibit. An NSX-T architect has been asked to review and recommend improvements for an NSX-T Data Center Logical Design, as shown in the drawing. The design must allow workload bursts for tenants to and from the public cloud and accommodate 30% yearly growth.



What two VMware recommended changes will Improve the Logical design? (Choose two.)

A. A separate POD is required for the NSX Edge nodes since the amount of traffic will be heavy.
B. An additional POD will be required to pivot workloads to Public Cloud.
C. Automation tools will be required to reduce time for workloads to be vMotioned.
D. Load balancers should be added to the design to support bursts from the Public Cloud.
E. NSX-T Datacenter components needs to be placed on the Public Cloud for cost reduction.

Answer: BD

QUESTION 15
An architect is helping an organization with the Conceptual Design of an NSX-T Data Center solution. This information was gathered by the architect during the Discover Task of the Engagement Lifecycle:

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- There are applications which use IPv6 addressing.
- Network administrators are not familiar with NSX-T Data Center solutions.
- Hosts can only be configured with two physical NICs.
- There is an existing management cluster to deploy the NSX-T components.
- Dynamic routing should be configured between the physical and virtual network.
- There is a storage array available to deploy NSX-T components.
```

Which constraint was documented by the architect?

A. There are applications which use IPv6 addressing.
B. There are enough CPU and memory resources in the existing management cluster.
C. Dynamic routing should be configured between the physical and virtual network.
D. Hosts can only be configured with two physical NICs.

Answer: D

QUESTION 16
Refer to the exhibits.
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:

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- Existing network hardware must be used.
- Existing ESXi hosts with 2 pNICS must be used.
- One vCenter must be used for virtual environment management.
- Customer is concerned NSX-T will use too many resources.
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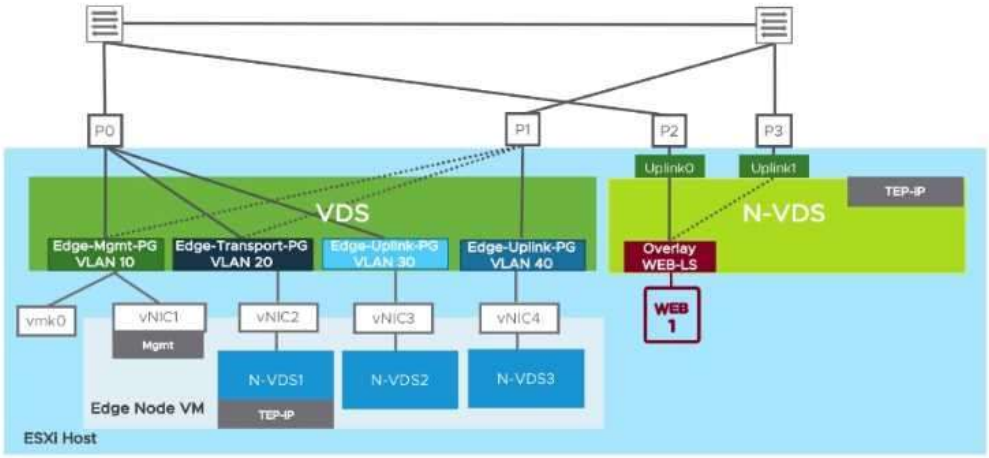
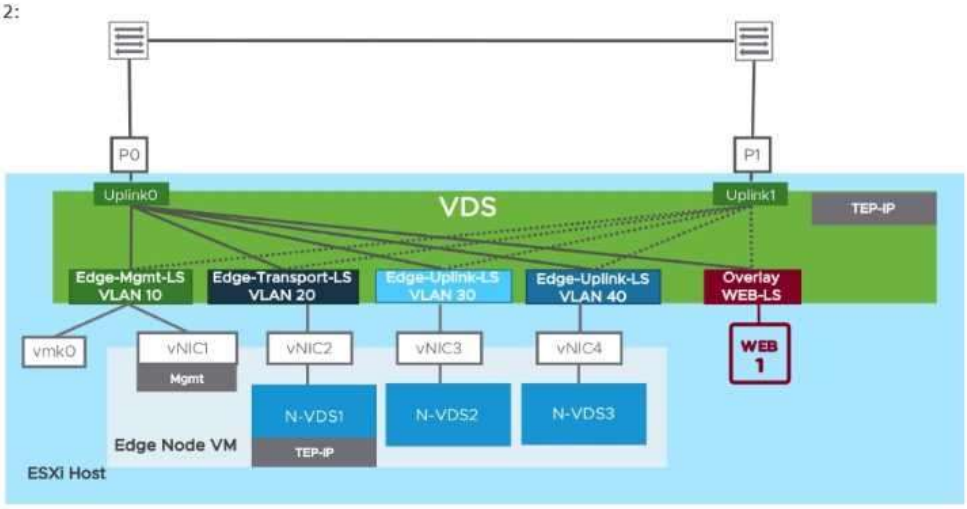
Which design option should the architect propose to the customer?

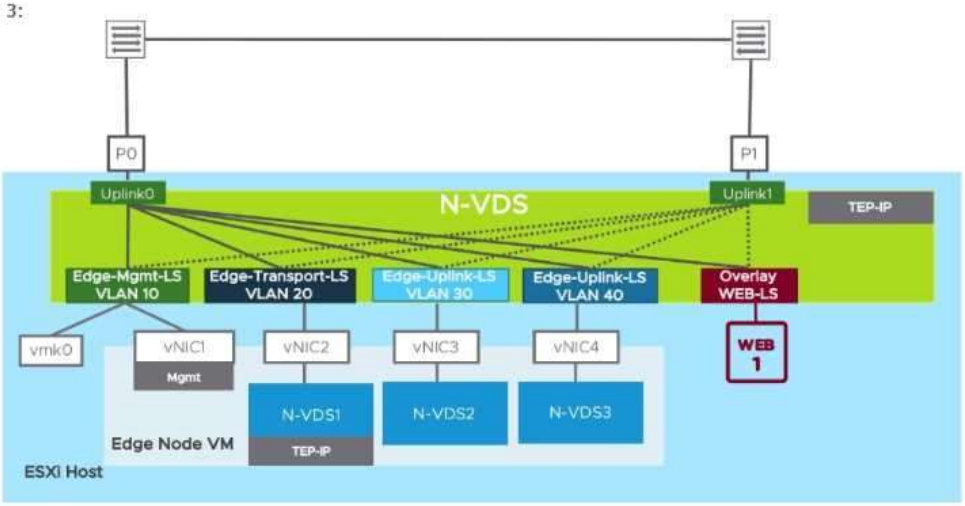
Design Option 1:



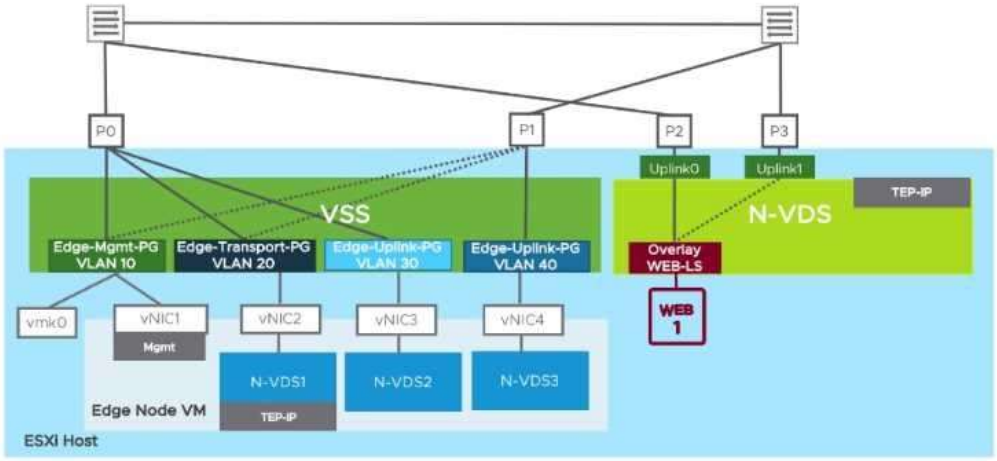
Design Option 2:



Design Option 3:



Design Option 4:



A. Design Option 3
B. Design Option 4
C. Design Option 1
D. Design Option 2

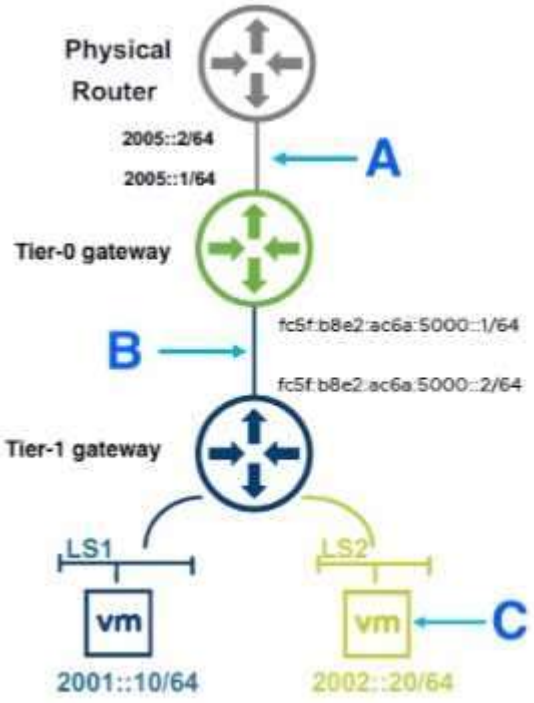
Answer: C

QUESTION 17
What would an architect recommend to a customer that wants to extend management to an additional data center through Layer 2, but does not want to add additional NSX-T licensing?

A. Deploy a standalone Edge as the L2 VPN client.
B. Deploy a standalone NSX Controller.
C. Deploy a standalone NSX Manager.
D. Deploy a standalone Edge as the IPSec VPN.

Answer: A

QUESTION 18
Refer to exhibit. An NSX architect is creating a Greenfield NSX-T Data Center solution using IPv6 addressing. This solution will form the starting point for a migration away from IPv4 addressing in the data center. What are three correct labels for locations A, B, and C in the exhibit? (Choose three.)



A. Static IPv4 Addresses
B. Auto assigned from fc5f:b8e2:ac6a::/48 Unique Local
C. Static IPv6 addresses
D. Auto Assigned from fe:::::/48 Unique Local
E. DHCP relay for IPv4
F. Static IPv6 addresses and DHCP Relay

Answer: BCD

QUESTION 19
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 should the architect recommend to meet high-performance workload requirements? (Choose two.)

A. Enable enhanced data path mode on the N-VDS.
B. Leverage ESX as the compute host.
C. Leverage KVM as the compute host.
D. Enable latency sensitivity mode on the N-VDS.
E. Use LACP for all uplink profiles.

Answer: AD

QUESTION 20
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:
- NSX-T will span across two sites for disaster recovery.
- Public Load Balancer VIP should be accessible from a secondary site.
- Distributed Firewall Policies should be available at a secondary site.
- Routing capabilities should be maintained after failure.

- NAT capabilities are required.

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

A. Use IP sets or groups to configure DFW rules.
B. Use MTU to 1550 between sites.
C. Use of the same ISPs across sites.
D. Use two separate ISPs across sites.
E. Set MTU to 1500 between sites.

Answer: CE

QUESTION 21
An architect is helping an organization with the Logical Design of a Layer 2 bridging solution.
This information was gathered during the Assessment Phase:
- Workloads are running on ESXI hosts.
- Workloads are running on KVM hosts.
- Workloads on both type of hypervisors should use bridging services.
- VLAN 50 is used for Tier-0 uplink connectivity.

Which should the architect include in their design?

A. Create an NSX Edge Bridge Cluster and configure the bridging profile with VLAN 60.
B. Create an ESXi Bridge Cluster and configure the bridging profile with VLAN 60.
C. Create an NSX Edge Bridge Cluster and configure the bridging profile with VLAN 50.
D. Create an ESXi Bridge Cluster and configure the bridging profile with VLAN 50.

Answer: A

QUESTION 22
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 In the business of providing website hosting and network services for a variety of organizations.
- Customer is considering adopting NSX-T Data Center as their network virtualization solution.
- 4000 virtual servers are being managed today.
- Virtual server growth is expected to be 10% bi-yearly for critical public facing web servers.
- To cope with increased demand, the customer is acquiring all new infrastructure components.
- Customer Is concerned with the cost effectiveness of any proposed solution.

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

A. 2U Rack with 14 servers in each rack having 24 Cores and 4 TB of RAM and 40 GB aggregate bandwidth
B. verified and supported hardware with at least 4 CPU cores
C. 48 port switch with 1000 Mbps transfer rate
D. verified and supported hardware a with minimum of 16 GB of RAM
E. medium size Edge Virtual Machine

Answer: BC