QUESTION 34
An architect is helping an organization with the Logical Design of an NSX-T Data Center solution. This information was gathered during the assessment:
There must be a performance based SLA for East - West traffic.
Which two key performance features should the architect recommend? (Choose two.)

A. Setup RSS to leverage multiple cores.
B. Enable GENEVE-Offload.
C. Configure N-VDS Enhanced Data Path.
D. Install advanced Edge pNIC Features.
E. Leverage DPDK drivers.

Answer: BC

QUESTION 35
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:
- On premises deployment required.
- Use the existing network infrastructure.
- ESXi hosts have 2 pNICs with only 1 available for use.
- High availability will be required across all ports in any proposed solution.
- N-VDS will be required across the infrastructure in the future.
Which should the architect include in their design?

A. Use N-VDS for management and workload traffic.
B. Use a VDS for management traffic and N-VDS- for workload traffic.
C. Use VDS for management and workload traffic.
D. Use a N-VDS for management traffic and VDS- for workload traffic.

Answer: C

QUESTION 36
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:
- Open communication between different application tiers Is not allowed.
- The security team has a firewall communication matrix documented.
- The IT team are not trained for NSX-T but have strong experience with vSphere.
- Aggregate North-South throughput at any given time should be at least 10G.
- Business critical applications should have an SLA of 99.99%.
- All traffic should recover in the event of Host/Rack/ToR failure.
- Multiple environments exist: Production, Staging and Development.
- Hardware is 5 years old and new hardware is already purchased.

- The Development Team are heavy on API usage.
- VLANs are being shared between physical and virtual workloads.
- Customer thinks SAN storage has enough capacity to build the new infrastructure.

Which three requirements were documented by the architect? (Choose three.)

A. All traffic should recover in the event of Host/Rack/ToR failure.
B. Aggregate N-S throughput at any given time should be at least 10G.
C. Hardware is 5 years old and new hardware is already purchased.
D. Business critical applications should have an SLA of 99.99%.
E. SAN storage has enough capacity to build the new infrastructure.
F. The Development Team are heavy on API usage.

Answer: ADE

QUESTION 37
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 two should the architect Include In their design? (Choose two.)

A. Monitor East-West traffic throughout normal business cycles.
B. Build a segment QoS profile and review the impact of utilizing this feature.
C. Review average North/South traffic from the core switches and firewall.
D. Install vRNI on the current infrastructure In Assessment Mode.
E. Meet with the organization's application team to get additional Information.

Answer: CD

QUESTION 38
An architect is helping an organization design an NSX-T Data Center solution. This information was gathered during a workshop:
- There are three LUNs In the storage array.
- There is no additional budget to purchase any more hardware.
- LUN 1 usage is 90% and is configured with a high performance profile.
- LUN 2 usage is 75% and is configured with a high availability profile.
- LUN 3 usage is 60% and is configured with a balanced performance/availability profile.
- A highly available NSX Management cluster is required.
- ECMP routing is required.

Which should the architect recommend for the organization's NSX-T Datacenter environment?

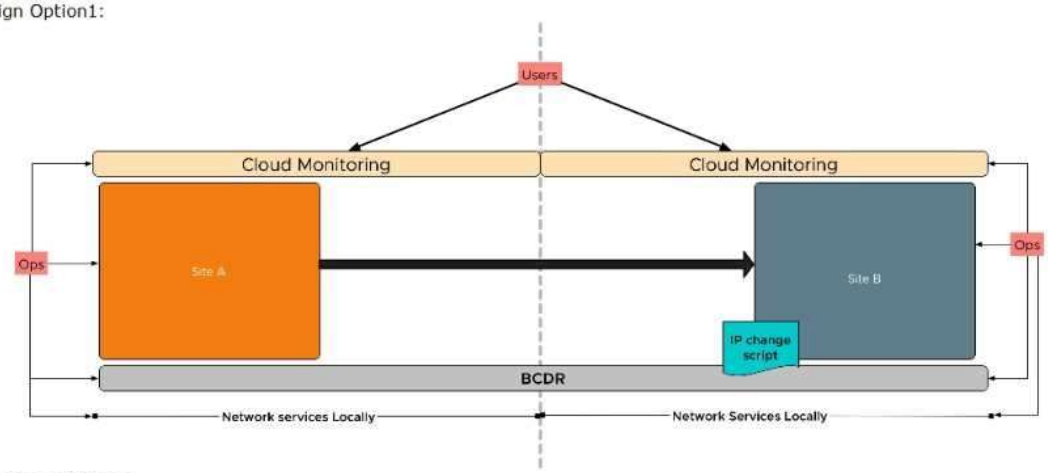
A. Place all three NSX Managers on LUN 2 for high availability.
B. Place all three NSX Managers on LUN 1 to avoid latency.
C. Spread the NSX Managers across LUN 2 and LUN 3.
D. Spread the NSX Managers across the three LUNs.

Answer: A

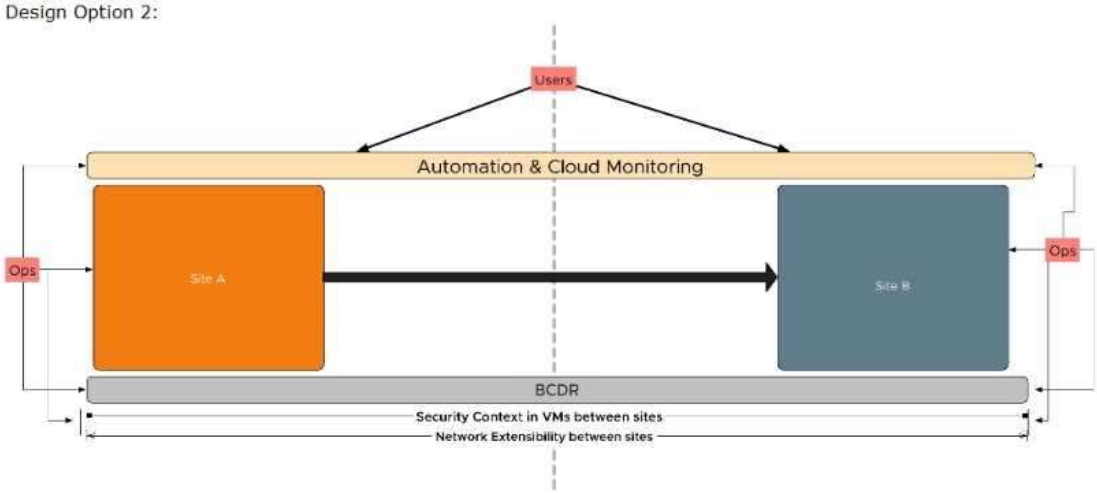
QUESTION 39
Refer to the exhibits. An architect is helping an organization with the Conceptual Design of an NSX-T Data Center solution. The conceptual design includes these requirements, assumptions, constraints, and risks:
- Critical applications must run across sites without changing IP address.
- Business continuity and disaster recovery (BCDR) plans will leverage a second site running vSphere.
- RTO/RPO must be reduced for recovery of applications on secondary site.
- IT Teams require automation tools for configuration.

Which Conceptual Design would the architect recommend to the customer?

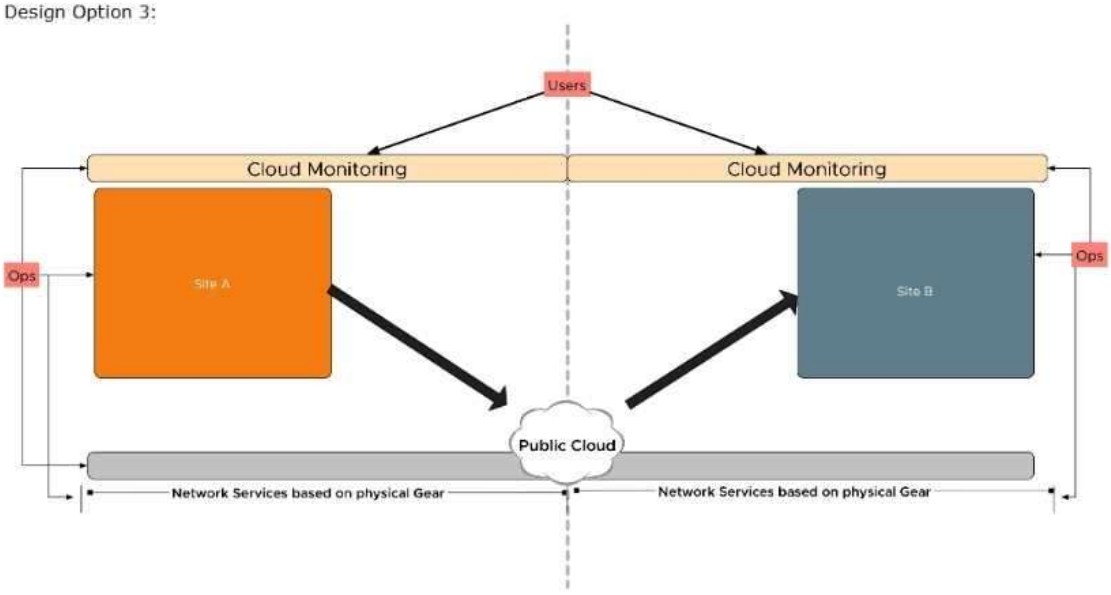
Design Option1:



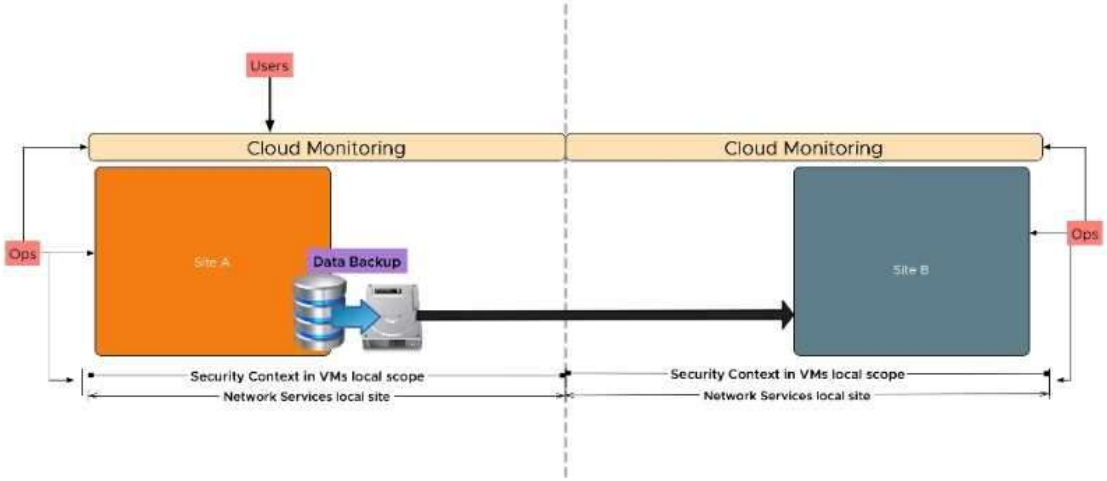
Design Option 2:



Design Option 3:



Design Option 4:



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

Answer: A

QUESTION 40
Which two VMware recommendations should an architect follow when configuring top of rack (ToR) switches in an NSX-T Data Center environment? (Choose two.)

A. Modify the Spanning Tree Protocol to increase the time to transition to the forwarding state. D Configure redundant physical switches to enhance availability.
B. Use only IPv4 addressing in all deployments.
C. Configure switch ports that connect to ESXi host manually as trunk ports.
D. Configure switch ports with a Dynamic Trunking Protocol.

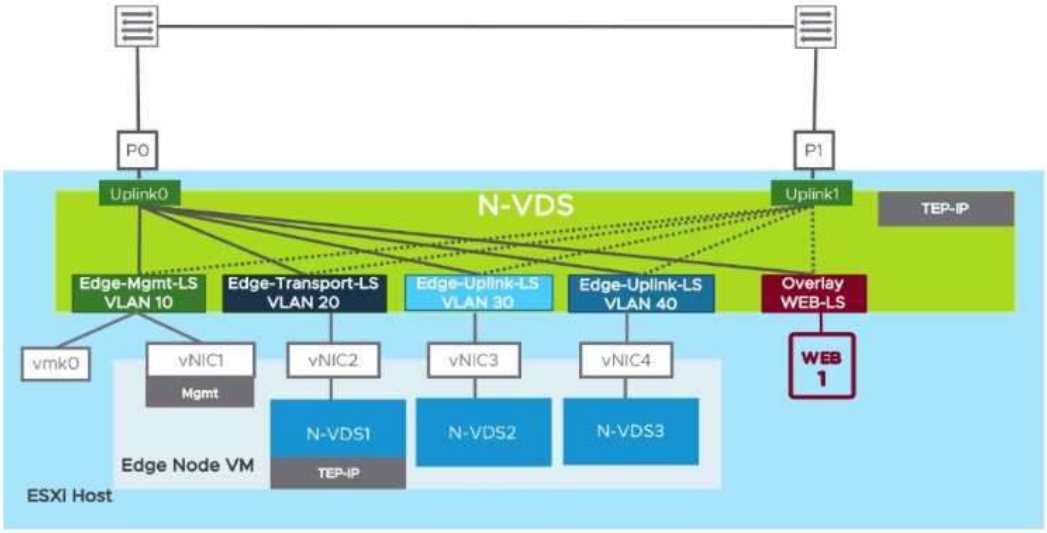
Answer: BC

QUESTION 41
According to the Discover Task of the Engagement Lifecycle, which statement would be classified as a risk?

A. To retain certification to provide financial services to end customers, PCI-DSS audits need to be passed.
B. A merger and acquisition process was recently completed and new company on-boarding is not completed.
C. Due to existing contracts and purchase agreements, the existing server hardware needs to be re- used.
D. Enough power and cooling capacity is available in each rack in the data center.

Answer: A

QUESTION 42
Refer to Exhibit. To meet the technical requirements for NSX Edge VM, which two design choices are required to satisfy this architectural design. (Choose two.)



A. NSX Edge TEP and ESXi TEP need to be in different VLANs.
B. ESXi host should be prepared as a Transport Node and use VLAN backend segments to connect Edge Node Interfaces.
C. ESXi host must have more than 2 pNICs available to create another N-VDS. D NSX Edge should run as a physical device.
D. vmk ports need to be on VDS instead of N-VDS, with on pNIC for each virtual switch providing greater functionality.

Answer: AD

QUESTION 43
An architect is designing a solution for containerization. The solution will include high availability and security using NSX-T Data Center. The architect plans to provide a basic required components list In the Logical Design.
Which solution should the architect recommend?

A. 2 NSX Managers, 2 virtual NSX Edges, one Tier-0 gateway, BGP configuration and a static route
B. 3 NSX Managers, 1 virtual NSX Edge, one Tler-O gateway and a static route and OSPF
C. 1 NSX Manager, 2 virtual NSX Edges, two Tler-0 gateways In Active/Active, BGP configuration
D. 3 NSX Managers, 2 virtual NSX Edges, two Tier-0 gateways in Active/Passive, BGP configuration

Answer: C

QUESTION 44
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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- Data between two networks connected over a public network needs to be encrypted.
- Certificate authentication is required.
- Dynamic route learning is preferred.
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Which should the architect include in their design?

A. Deploy a Tler-0 gateway in Active/Active mode. Configure policy-basedIPSec VPN with SHA256withRSA as the hash algorithm.
B. Deploy a Tler-0 gateway In Active/Active mode. Configure route-basedIPSec VPN with SHA512wlthRSA as the hash algorithm.
C. Deploy a Tier-0 gateway in Active/Standby mode. Configure route-basedIPSec VPN with SHA512withRSA as the hash algorithm.

D. Deploy a Tier-0 gateway in Active/Standby mode. Configure policy-basedIPSec VPN with SHA256withRSA as the hash algorithm.

Answer: B