3V0-42.20 Dumps

Advanced Design VMware NSX-T Data Center

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NEW QUESTION 1
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

NEW QUESTION 2
A telecom company has purchased NSX-T as part of a Software Defined Data Center (SDDC) initiative. The company wants to ensure the highest performance for network traffic leaving the virtual environment.

A. Configure Equal-Cost Multi-Pathing on the NSX Edges.
B. Configure SR-IOV for the virtual NSX Edges.
C. Use bare metal NSX Edges.
D. Select Network cards that support VXLAN Offload.
E. Set ??Latency Sensitive?? option to High when deploying the virtual NSX Edges.

Answer: BE

NEW QUESTION 3
An architect is helping an organization with the Conceptual Design of an NSX-T Data Center solution. Which risk is documented by an architect? (Choose the best answer.)

A. The security team has a firewall communication matrix documented.
B. The team is not trained for NSX-T but have a very strong experience with vSphere.
C. Open communication between different application tiers is not allowed.
D. Aggregate N-S throughput at any given time should be at least 10G.

Answer: B

NEW QUESTION 4
A Solutions Architect is working with a customer which wants to extend their traditional Telco IP/MPLS core network to an NFV cloud.
Which NSX-T Data Center feature can be recommended by the architect? (Choose the best answer.)

A. Distributed IDS
B. EVPN
C. Load Balancer
D. BGP

Answer: D

NEW QUESTION 5
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.

Answer: B

NEW 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:
- 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 selections should the architect include in their design? (Choose two.)

A. Use of the same ISPs across sites.
B. Use two separate ISPs across sites.
C. Use MTU to 1550 between sites.
D. Set MTU to 1550 between sites.

E. Use IP sets or groups to configure DFW rules.

Answer: AE

NEW QUESTION 7
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:
➢ Maximum performance and availability is required between the physical and virtual network.
➢ Load Balancing service is required for back-end web servers.
➢ NAT is required.
Which selection should the architect include in their design? (Choose the best answer.)

A. Deploy a Tier-1 gateway and connect it to an Active/Active Tier-0 gateway with ECMP configured.
B. Deploy an Active/Active Tier-0 gateway and configure ECMP.
C. Deploy an Active/Standby Tier-0 gateway and configure ECMP.
D. Create two separate VLANs to connect the Tier-0 gateway upstream traffic and configure ECMP.

Answer: C

NEW QUESTION 8
According to the Discover Task of the Engagement Lifecycle, which statement would be classified as a risk? (Choose the best answer.)

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

Answer: B

NEW QUESTION 9
Which selection is associated with the Review Task of the Engagement Lifecycle? (Choose the best answer.)

A. Gather and document requirements, assumptions, and constraints.
B. Build, deploy, implement, and test the design.
C. Measure performance against customer??s objective.
D. Create and document the logical and physical design.

Answer: C

NEW QUESTION 10
An administrator is asked to improve Recovery Point Objective (RPO) and Recovery Time Objective (RTO) for Disaster Recovery (DR) in their company network. The network has a primary site and a secondary site. The ability to support outages with minimum loss of connectivity to the company??s core application is a priority.
Which design should the administrator recommend? (Choose the best answer.)

A. NSX-T Data Center using an Orchestrator to recover VMs across sites.
B. NSX-T Data Center using Federation and dependencies set between primary and secondary sites.
C. NSX-T Data Center using a registered third-party DR solution.
D. NSX-T Data Center using built-in standard automation DR and secondary site recovery setup.

Answer: B

NEW QUESTION 10
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. Use only IPv4 addressing in all deployments.
B. Configure redundant physical switches to enhance availability.
C. Configure switch ports that connect to ESXi host manually as trunk ports.
D. Configure switch ports with a Dynamic Trunking Protocol.
E. Modify the Spanning Tree Protocol to increase the time to transition to the forwarding state.

Answer: DE

NEW QUESTION 11
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? (Choose the best answer.)
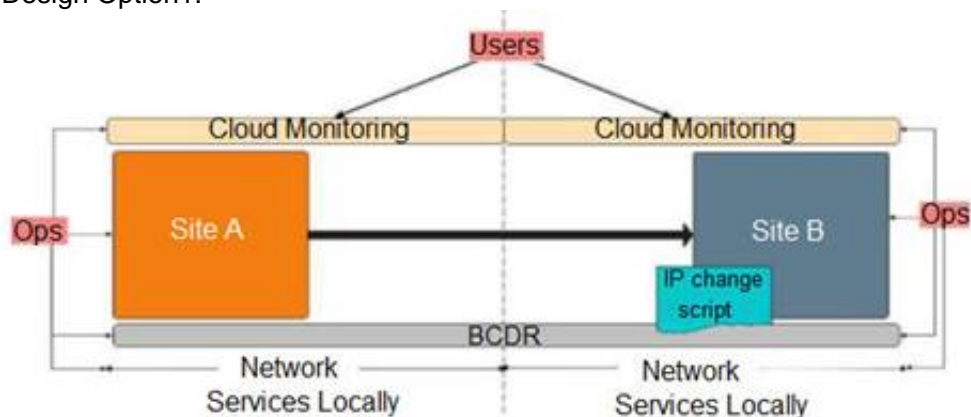
A. Deploy a standalone NSX Controller.
B. Deploy a standalone NSX Manager.
C. Deploy a standalone Edge as the IPSec VPN.
D. Deploy Autonomous Edge as the L2 VPN client.
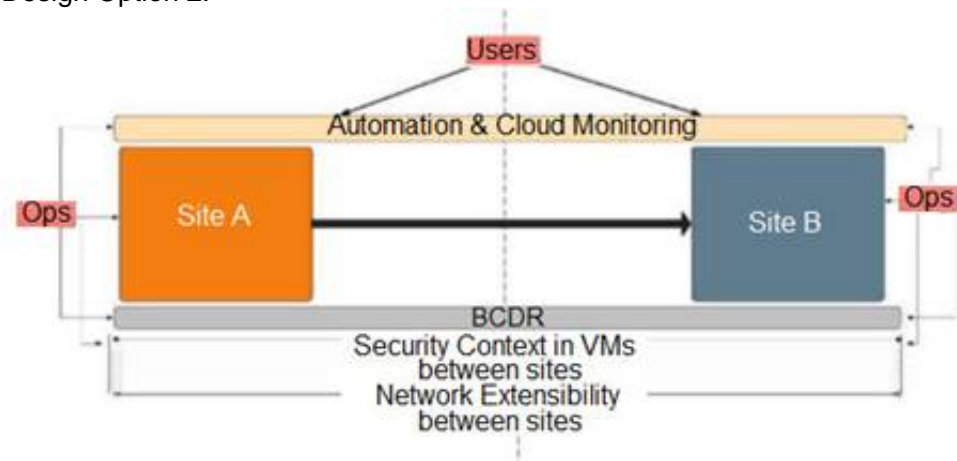
Answer: D

NEW QUESTION 12
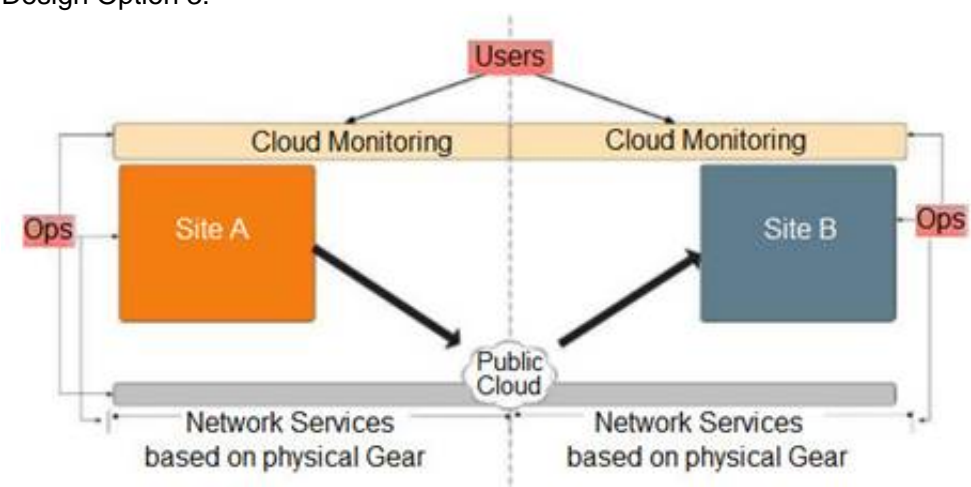
Refer to the exhibits.
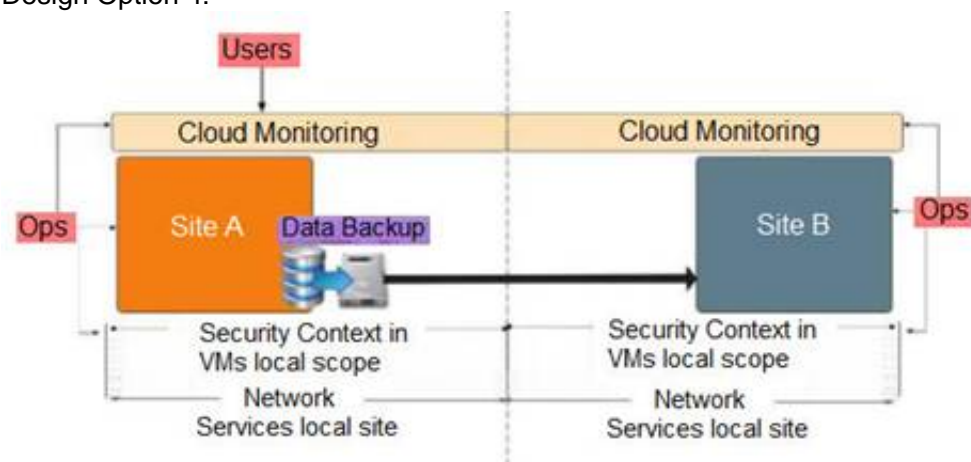Design Option1:

Design Option 2:

Design Option 3:

Design Option 4:

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.
➢ 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? (Choose the best answer.)

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

Answer: C

NEW 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:

➢ 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 risk was documented by the architect? (Choose the best answer.)

A. Network administrators are not familiar with NSX-T Data Center solutions.
B. Dynamic routing should be configured between the physical and virtual network.
C. There are applications which use IPv6 addressing.
D. There is a storage array available to deploy NSX-T components.

Answer: B

NEW 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:
- 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 mod
B. Configure policy-based IPSec VPN with SHA512 with RSA as the hash algorithm.
C. Deploy a Tier-0 gateway in Active/Active mod
D. Configure route-based IPSec VPN with SHA512 with RSA as the hash algorithm.
E. Deploy a Tier-0 gateway in Active/Standby mod
F. Configure route-based IPSec VPN with SHA512 with RSA as the hash algorithm.
G. Deploy a Tier-0 gateway in Active/Active mod
H. Configure policy-based IPSec VPN with SHA512 with RSA as the hash algorithm.

Answer: C

NEW QUESTION 25

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:
- 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 two requirements were documented by the architect? (Choose two.)

A. There are applications which use IPv6 addressing.
B. Dynamic routing should be configured between the physical and virtual network.
C. Hosts can only be configured with two physical NICs.
D. The storage array has enough capacity to deploy NSX components.
E. Network administrators are not familiar with NSX-T Data Center solutions.

Answer: BD

NEW QUESTION 28

An architect is helping an organization with the Physical Design of an NSX-T Data Center solution. This information was gathered during a workshop:
- Current hypervisor of choice is KVM.
- Cost reduction is important.

Which two selections should the architect recommend to the organization? (Choose two.)

A. Deploy Edge VM Nodes using ISO.
B. Deploy NSX Manager using OVF.
C. Deploy NSX Manager using QCOW2.
D. Deploy bare metal Edge Nodes.
E. Deploy Edge VM Nodes on KVM.

Answer: CD

NEW QUESTION 32

Which three assessment findings are part of a Conceptual Design? (Choose three.)

A. risks
B. host names
C. justifications
D. constraints
E. assumptions
F. vendor model

Answer: ACD

NEW QUESTION 34

Which type of design includes vendor models, host names, IP Addresses, port connections, logical unit number sizes, and number of CPUs? (Choose the best answer.)

A. Physical Design

B. Conceptual Design
C. High-Level Design
D. Logical Design

Answer: A

NEW QUESTION 38
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.
> 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

NEW QUESTION 42
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