

Exam Questions 3V0-42.20

Advanced Design VMware NSX-T Data Center

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NEW QUESTION 1

A Solutions Architect is assisting a service provider with designing an NSX-T Data Center solution for these environments: Virtual Data Center to Virtual Data Center connectivity Tenant workload on-boarding to Virtual Data Centers. These requirements must be met:

- > scalability across 5 data centers
- > all sites have a latency of 180ms
- > MTU between sites is 1800
- > bandwidth is 100Mbps between sites
- > multi-tenancy

Which two selections should the Solutions Architect propose to the service provider? (Choose two.)

- A. Configure Remote TEPs for stretching network services between Virtual Data Centers.
- B. Utilize SSL VPN for workloads on-boarding from on-premises to Virtual Data Centers.
- C. Configure IPsec VPN for Tenant T0 gateways for Virtual Data Centers connectivity
- D. Configure IPsec VPN for Tenant T1 gateways for Virtual Data Centers connectivity.
- E. Utilize L2 VPN for workloads on-boarding from on-premises to Virtual Data Centers.

Answer: DE

NEW QUESTION 2

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 3

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:

- > Existing hardware will be used in any design proposal.
- > Network bandwidth cannot be expanded.

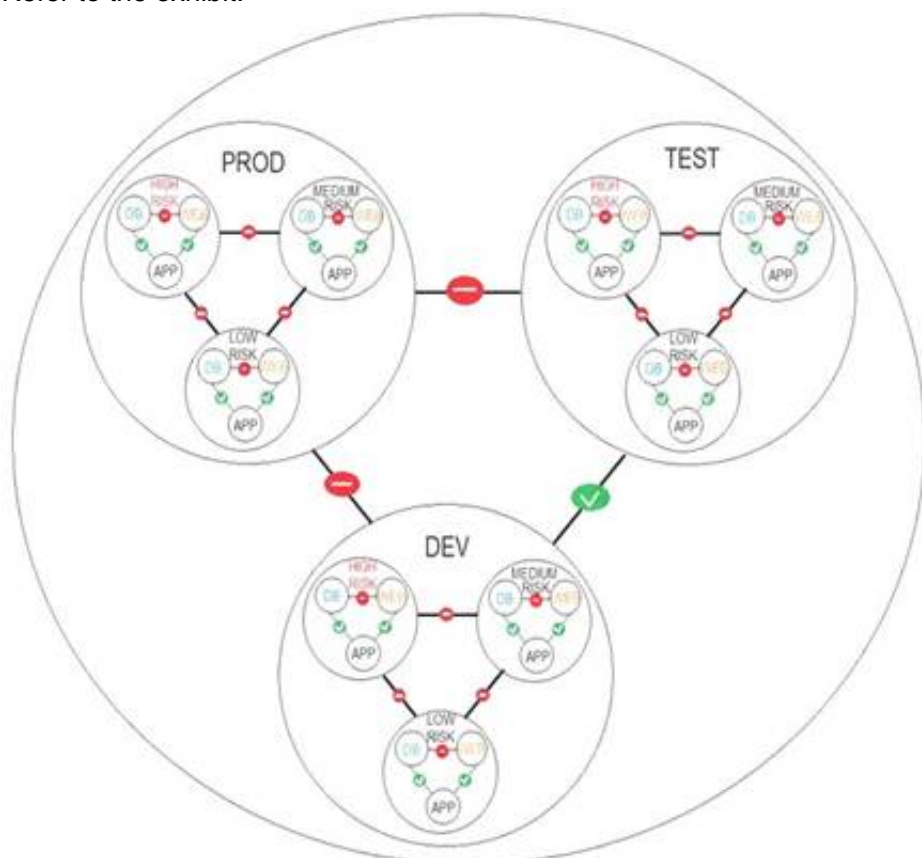
Which concept of the Discover Task do these items belong to? (Choose the best answer.)

- A. constraint
- B. requirement
- C. risk
- D. assumption

Answer: A

NEW QUESTION 4

Refer to the exhibit.



A financial company is adopting micro-services with the intent of simplifying network security. An NSX-T architect is proposing a NSX-T Data Center micro-segmentation logical design. The architect has created a diagram to share with the customer.

How many security levels will be implemented according to this Logical Design? (Choose the best answer.)

- A. 5 levels
- B. 3 levels
- C. 9 levels
- D. 4 levels

Answer: A

NEW QUESTION 5

A Solutions Architect is designing an environment with 1,200 services being offered through the NSX-T Data Center Load Balancer. Which three selections are necessary to meet the minimum requirements to support the solution? (Choose three.)

- A. Extra Large Load Balancer
- B. Tier 1 Gateway
- C. Tier 0 Gateway
- D. Large Edge Node
- E. Extra Large Edge Node
- F. Large Load Balancer

Answer: BDF

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:

- > There isn't much budget available for a new off shore site.
- > The new site is decentralized and no communication with the main data center is required.
- > The design will need to cater for availability, upgrades, and failure scenarios.
- > N+1 must be maintained at all times.

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

- A. Separate the hosts physical NICs for VSS and N-VDS.
- B. Make all pNICs part of N-VDS and VMKs will be migrated.
- C. Collapse the Management/Edge/Compute cluster.
- D. Install a minimum 4 ESXi hosts in the site.
- E. A Shared Edge/Management cluster and one for Compute.
- F. Install a minimum of 3 ESXi hosts in the site.

Answer: ABC

NEW QUESTION 7

An architect is helping an organization with the Physical Design of an NSX-T Data Center solution. This information was gathered during a workshop about ESXi Host networking:

- > A total of 50 ESXi hosts to be configured as Transport Nodes.
- > All ESXi hosts have a dedicated 2 ?? Intel 10Gbps Physical Network adapter for the Overlay Traffic. To achieve low latency, high throughput, redundancy, and performance, which two NIC teaming policies should the architect recommend? (Choose two.)

- A. Load Balance Source MAC
- B. Load Balance Port ID
- C. Load Balance Source
- D. Load Balance Source Port ID
- E. Failover Order

Answer: DE

NEW QUESTION 8

A customer deploying NSX-T Data Center requires role based access controls be enforced in NSX Manager with these requirements:

- > identity platform must be highly available
- > authentication must be performed by customer's existing SAML identity provider
- > MFA must be performed by administrator to gain access to NSX Manager

Which identity deployments would meet the customer's requirements? (Choose the best answer.)

- A. NSX Manager OAuth 2.0 registered to a 3-node Active Directory Federation Services cluster.
- B. NSX Manager OAuth 2.0 registered to a 2-node VMware Identity Manager cluster.
- C. NSX Manager OAuth 2.0 registered to a 2-node Active Directory Federation Services cluster
- D. NSX Manager OAuth 2.0 registered to a 3-node VMware Identity Manager cluster.

Answer: D

NEW QUESTION 9

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 10

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

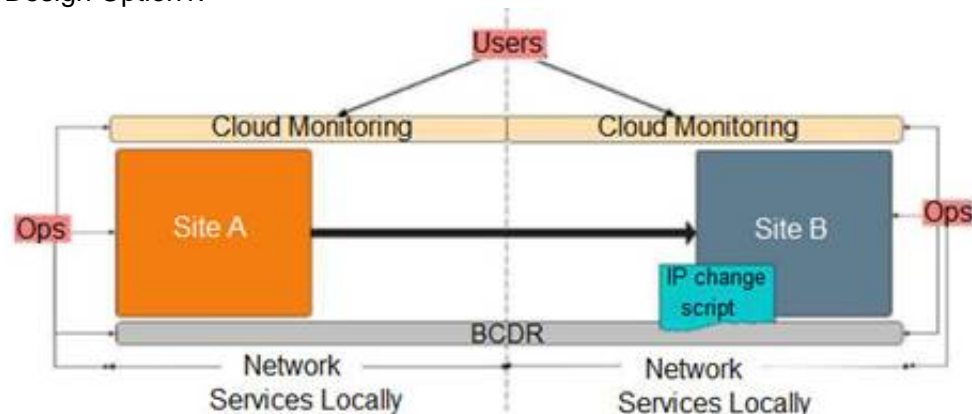
- A. Gather and document requirements, assumptions, and constraints.
- B. Build, deploy, implement, and test the design.
- C. Measure performance against customer??s objective.
- D. Create and document the logical and physical design.

Answer: C

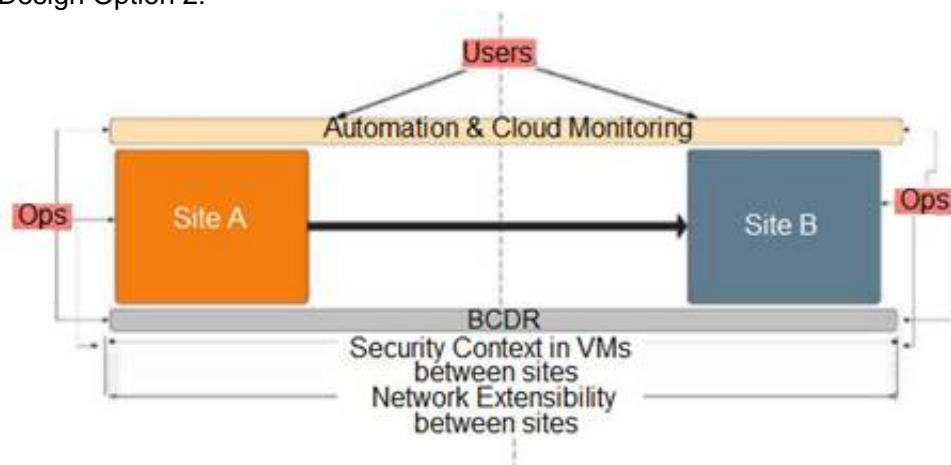
NEW QUESTION 10

Refer to the exhibits.

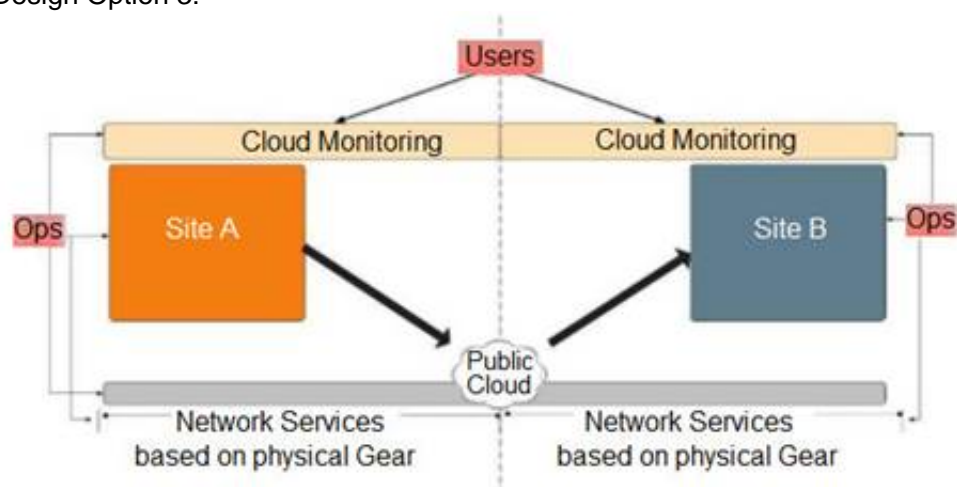
Design Option1:



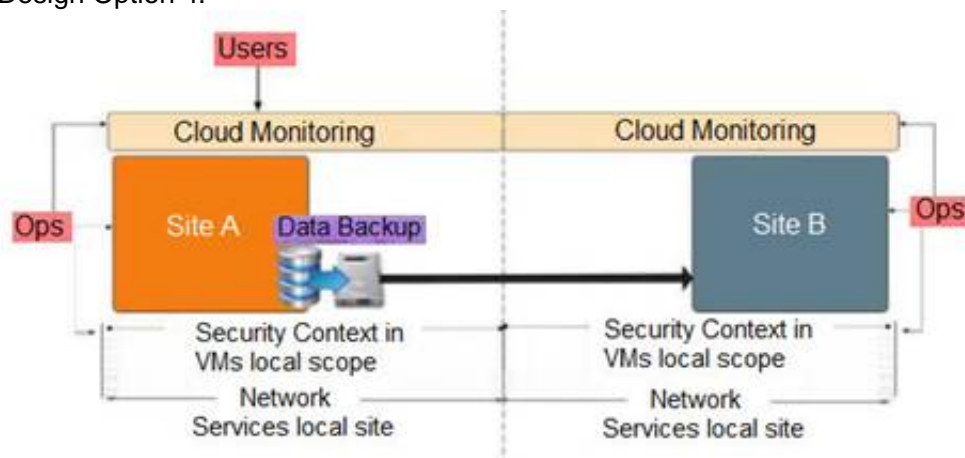
Design Option 2:



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 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 18

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

NEW QUESTION 23

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 25

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