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NEW QUESTION 20

A customer wants to use ECMP to provide additional throughput and availability for their critical business applications. Some applications require load balancing for scale and availability.

Which two Edge design choices can an architect present to the customer? (Choose two.)

- * Create a Tier-0 gateway in Active/Standby mode and a Tier-1 gateway in Active/Standby mode.
- * Configure ECMP and Load Balancing on the Tier-0 gateway.
- * Create a Tier-0 gateway in Active/Active mode and a Tier-1 gateway in Active/Standby mode.
- * Create a Tier-0 gateway in Active/Standby mode.
- * Configure ECMP on the Tier-0 gateway and Load Balancing on the Tier-1 gateway.

<https://vxplanet.com/2019/07/27/nsx-t-tier0-ecmp-routing-explained/>

NEW QUESTION 21

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

- * risks
- * host names

- * justifications
- * constraints
- * assumptions
- * vendor model

NEW QUESTION 22

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.)

- * Deploy a standalone NSX Controller.
- * Deploy a standalone NSX Manager.
- * Deploy a standalone Edge as the IPSec VPN.
- * Deploy Autonomous Edge as the L2 VPN client.

Explanation/Reference: https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/nsxt_30_admin.pdf

NEW QUESTION 23

An architect is helping an organization with the Physical Design of an NSX-T Data Center solution.

This information was gathered during a workshop:

Migrating existing data center to KVM hosts.

Redundancy and high availability are required.

No component can be a single point of failure.

Which selection should the architect recommend? (Choose the best answer.)

- * Linux Bridge redundancy with Active/Active Mode and multiple pNICs with necessary binding
- * Linux Bridge redundancy with Active/Active Mode and single pNIC with static binding
- * vSS/vDS in Active/Standby Mode with necessary binding
- * vSS/vDS in Active/Active Mode with necessary pNICs and required binding modes

NEW QUESTION 24

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.)

- * Use of the same ISPs across sites.
- * Use two separate ISPs across sites.
- * Use MTU to 1550 between sites.
- * Set MTU to 1550 between sites.
- * Use IP sets or groups to configure DFW rules.

Reference:

[site-solutions-cross-vcenter-nsx-design-guide.pdf](#)

NEW QUESTION 25

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

- * Gather and document requirements, assumptions, and constraints.
- * Build, deploy, implement, and test the design.
- * Measure performance against customer's objective.
- * Create and document the logical and physical design.

NEW QUESTION 26

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

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

NEW QUESTION 27

What selection is the key design benefit provided by a dedicated Edge Cluster VM or Bare Metal? (Choose the best answer.)

- * reduced administrative overhead
- * predictable network performance
- * multiple Tier-0 gateways per Edge Node Cluster
- * support for Edge Node Clusters with more than 10 Edge Nodes

<https://docs.vmware.com/en/VMware-Validated-Design/services/deployment-of-nsx-t-edge-nodes-on-bare-metal-hardware-for-vmware-cloud-foundation-40/GUID-563E93F0-65C8-4649-B62F-9AFE89B08B50.html>

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 the Assessment Phase:

There is a critical application used by the Finance Team.

The critical application has an availability and recoverability SLA of 99.999%.

The critical application is sensitive to network changes.

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

- * Configure Tier-0 gateway for eBGP and ECMP.
- * Configure Tier-1 gateway for eBGP and ECMP.
- * Enable BFD on Tier-0 gateway.
- * Install and configure hosts with 100Gbps physical NICs.
- * Configure multiple static routes on Tier-1 gateway.

NEW QUESTION 29

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.)

- * NSX Manager OAuth 2.0 registered to a 3-node Active Directory Federation Services cluster.
- * NSX Manager OAuth 2.0 registered to a 2-node VMware Identity Manager cluster.
- * NSX Manager OAuth 2.0 registered to a 2-node Active Directory Federation Services cluster
- * NSX Manager OAuth 2.0 registered to a 3-node VMware Identity Manager cluster.

<https://docs.vmware.com/en/VMware-Workspace-ONE-Access/19.03/vidm-install/GUID-3BFB1D4D-D5C2-480D-94E0-31ED6B0CAA63.html>

NEW QUESTION 30

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

- * Gather and document requirements, assumptions, and constraints.
- * Build, deploy, implement, and test the design.
- * Measure performance against customer's objective.
- * Create and document the logical and physical design.

<https://docs.vmware.com/en/VMware-Validated-Design/6.1/sddc-architecture-and-design-for-the-management-domain/GUID-1117D50C-096D-40B8-84C0-B9D636E322C6.html>

NEW QUESTION 31

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 99.999%.

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- * Enable BFD on Tier-0 gateway.
- * Install and configure hosts with 100Gbps physical NICs.
- * Configure multiple static routes on Tier-1 gateway.

NEW QUESTION 32

Which three IPv6 features are supported in an NSX-T Data Center design? (Choose three.)

- * IPv6 OSPF
- * IPv6 static routing
- * IPv6 switch security
- * IPv6 DNS
- * IPv6 Distributed Firewall
- * IPv6 VXLAN

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

NEW QUESTION 33

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.

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

NEW QUESTION 34

What is a design justification for a solution with 3 NSX Manager nodes deployed in a 4 ESXi cluster Management Cluster? (Choose the best answer.)

- * NSX Controllers are separated from NSX Managers allowing 6 ESXi servers to host them.
- * NSX Management Plane and Control Plane will be reduced to a single point of failure.
- * Compute consumption guarantees NSX Manager nodes can be run on the same ESXi host.
- * Single point of failure on Control Plane and Management Plane will be mitigated.

NEW QUESTION 35

A Solution Architect will be deploying an Ethernet Virtual Private Network (EVPN) in their NSX-T Data Center environment.

What two selections must be prepared for the EVPN deployment? (Choose two.)

- * deployed Tier-0 gateway
- * deployed Load Balancer
- * deployed Tier-1 gateway
- * remote gateway with support for IGP and VLAN priority
- * remote gateway with support for MP-BGP and VXLAN

Explanation/Reference: https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/nsxt_30_admin.pdf

NEW QUESTION 36

Which selection must be taken into consideration when creating a Logical Design for a planned migration?

(Choose the best answer.)

- * An N-VDS can only attach to a single Overlay transport zone.
- * An N-VDS can only attach to a single VLAN transport zone.
- * An N-VDS can attach to both an Overlay and a VLAN transport zone to a N-VDS having different name/ s.
- * An N-VDS must be disabled before attaching both Overlay and VLAN transport zones.

NEW QUESTION 37

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

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

Explanation/Reference: <https://docs.vmware.com/en/VMware-Validated-Design/5.0.1/vmware-validated-design-501-sddc-nsxt-workload-architecture-design.pdf> (18)

NEW QUESTION 38

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

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

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