

3V0-42.20^{Q&As}

Advanced Design VMware NSX-T Data Center

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QUESTION 1

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

Correct Answer: D

Reference: <https://docs.vmware.com/en/VMware-vCloud-NFV/3.0/vmware-vcloud-nfv-30.pdf>

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:

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.

Correct Answer: ACE

QUESTION 3

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.

Correct Answer: B

QUESTION 4

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

During discussions about centralized services NAT running on Tier-1 or Tier-0 Gateway, the customer made these requests:

Services contain stateful services.

Services should be in high availability mode.

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

- A. An active/active model should be used.
- B. Use Reflexive NAT on the uplink interface.
- C. DNAT should be applied on the uplink interface.
- D. Mix stateful and stateless NAT rules on the same gateway.
- E. The high availability mode supported is only Active-Standby.

Correct Answer: DE

QUESTION 5

A customer has a requirement to implement a next generation firewall (NGFW) to improve security network introspection. The customer wants to apply the NGFW to all workloads exposed both internally and externally. The customer wants the NGFW to work seamlessly with NSX-T Data Center and vSphere.

Which solution should be recommended to the customer? (Choose the best answer.)

- A. Use network introspection only on the external workloads and use NSX DFW for internal workloads.
- B. Apply the NGFW on bare metal hosts which will offer better performance of inline network introspection.

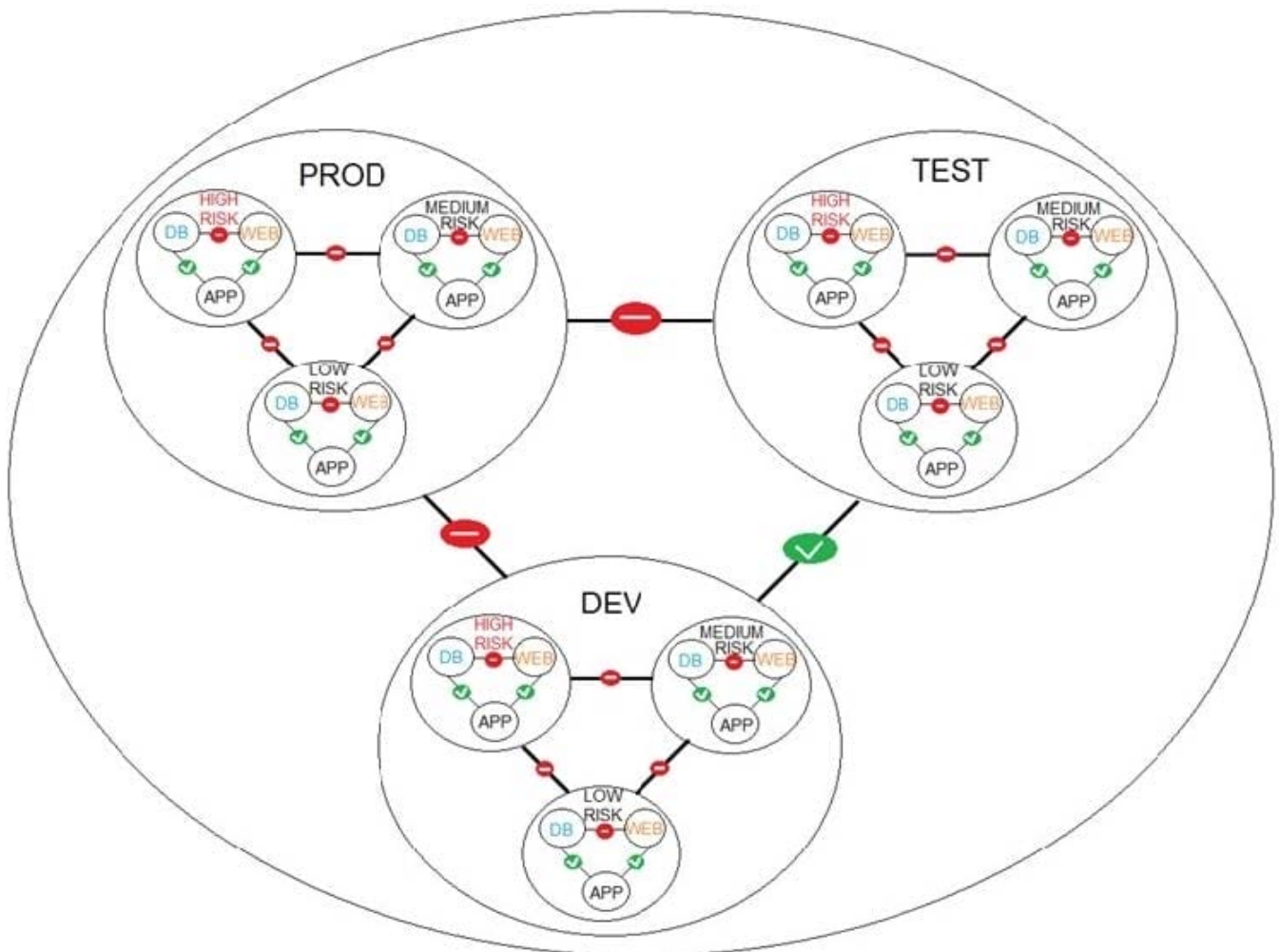
C. Apply the NGFW to internal and external workloads for increased protection and use NSX-T Data Center with Federation to set network policies.

D. Use NSX-T Data Center leveraged with NSX Intelligence to protect all workloads at the network inspection level.

Correct Answer: D

QUESTION 6

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

Correct Answer: A

QUESTION 7

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.

Correct Answer: D

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

QUESTION 8

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 concerned with NSX Manager availability.

3 cabinets/racks are available in the data center.

No integration with 3rd party solution is required.

There is no budget for physical equipment acquisition.

The 3 cabinets/racks do not share the same L2 domain.

Which three selections should the architect include in their design to address the customer's concern with NSX Manager availability? (Choose three.)

- A. Deploy 2 cold standby NSX Manager appliances in rack 2/3.
- B. Use separate IP per NSX Manager appliance per rack.
- C. Use another NSX Manager IP in case an appliance fails.
- D. Deploy a single active NSX Manager appliance in rack 1.
- E. Deploy an NSX Manager Appliance per rack and cluster them.
- F. Use a physical/internal load-balancer with the cluster.

Correct Answer: ADE

QUESTION 9

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

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

Correct Answer: AD

QUESTION 10

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

Which three selections are requirements documented by an architect? (Choose three.)

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

Correct Answer: ACF
