



# 3V0-41.19<sup>Q&As</sup>

Advanced Design NSX-T Data Center 2.4

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### QUESTION 1

Which two resources can be used by an NSX architect during the Assessment Phase? (Choose two.)

- A. vRealize Network Insight
- B. VMware customer references
- C. application licensing
- D. VMware Validated Design
- E. key stakeholder interviews

Correct Answer: AE

<https://blogs.vmware.com/management/2016/11/david-davis-vrealize-operations-post-33-vrealizenetwork-insight-vrni.html--vetted>

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### 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:

1.

Maximum performance and availability is required between the physical and virtual network.

2.

Load Balancing service is required for back-end web servers.

3.

NAT is required.

Which should the architect include in their design?

- 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. Create two separate VLANs to connect the Tier-0 gateway upstream traffic and configure ECMP.
- D. Deploy an Active/Passive Tier-0 gateway and configure ECMP.

Correct Answer: A

Option A is required (even though BandC are technically correct for parts of the requirement).

Stateful services (LB) can't be on the same gateway as ECMP gateway.

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.4/administration/GUID-DAEF8457->



83634F33-84DA-68AA36A2DE3C.html

<https://vnuggets.com/2019/09/13/nsx-t-inline-and-onearm-load-balancing-part1/> <https://>

[nsx.techzone.vmware.com/resource/vmware-nsx-t-design-guide-designing-environments-nsx-t](https://nsx.techzone.vmware.com/resource/vmware-nsx-t-design-guide-designing-environments-nsx-t)

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### QUESTION 3

Which is associated with the Discover Task of the Engagement Lifecycle?

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

Correct Answer: B

Discovery is part of the initial conceptual design (RRCA)

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### QUESTION 4

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.)

- A. Configure ECMP and Load Balancing on the Tier-0 gateway.
- B. Create a Tier-0 gateway in Active/Standby mode and a Tier-1 gateway in Active/Standby mode.
- C. Configure ECMP on the Tier-0 gateway and Load Balancing on the Tier-1 gateway.
- D. Create a Tier-0 gateway in Active/Standby mode.
- E. Configure ECMP on the Tier-1 gateway and Load Balancing on the Tier-1 gateway.
- F. Create a Tier-0 gateway in Active/Active mode and a Tier-1 gateway in Active/Standby mode.

Correct Answer: CF

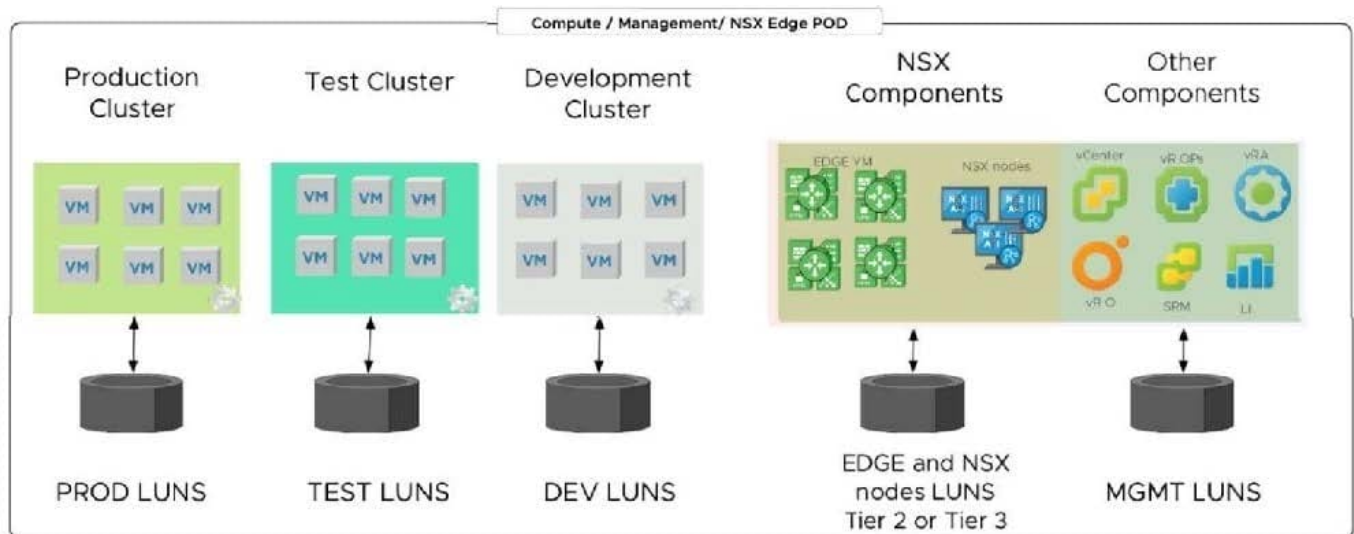
Tier 0 must be Active Active for ECMP, Tier 1 utilizes an LB --vetted

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.4/administration/GUID-443B6B0D-F179429E-83F3-E136038332E0.html>

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### QUESTION 5

Refer to Exhibit:



An NSX-T architect has been asked to review and recommend improvements for an NSX-T Data Center Logical Design, as shown in the drawing. The design must allow workload bursts for tenants to and from the public cloud and accommodate 30% yearly growth.

What two VMware recommended changes will Improve the Logical design? (Choose two.)

- A. A separate POD is required for the NSX Edge nodes since the amount of traffic will be heavy.
- B. An additional POD will be required to pivot workloads to Public Cloud.
- C. Automation tools will be required to reduce time for workloads to be vMotioned.
- D. Load balancers should be added to the design to support bursts from the Public Cloud.
- E. NSX-T Datacenter components needs to be placed on the Public Cloud for cost reduction.

Correct Answer: CD

You aren't placing NSX-T components in the cloud so (E) is wrong. It talks about bursting "to and from" the cloud, which lends itself to possibly being a VMware HCX (automation tools) play for (C) (A) With a whole separate "POD" (covering everything in the graphic) based on this logical design would be overkill for the NSX Edges (B) no additional pods are required for pivoting/moving workloads to the public cloud

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