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Advanced Design NSX-T Data Center 2.4

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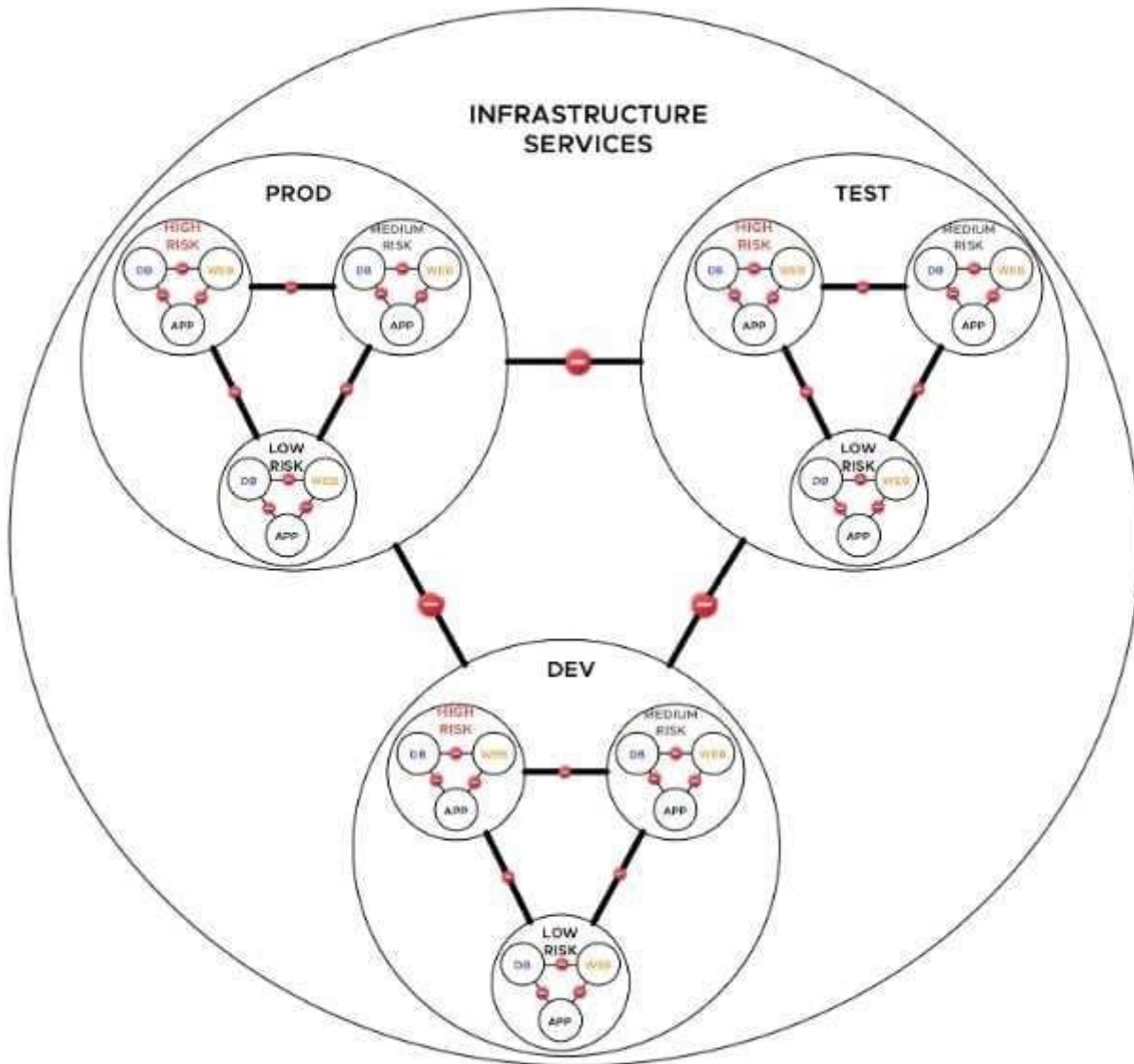Following Questions and Answers are all new published by VMware Official Exam Center

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QUESTION 1

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?

A. 6 levels

B. 9 Levels

C. 2 levels

D. 4 Levels

Correct Answer: D

Each circle in this design is a "level" starting at the most granular level which is the sub-component of the app (web, db, or app), then risk level (high, med, low) then deployment zone (prod, dev, test) and then finally infrastructure services level https://blogs.vmware.com/networkvirtualization/2019/03/context-aware-micro-segmentation- with-nsx-t-24.html/

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.

 There Isn\'t much budget available for a new off-shore site.

2.

 The new site is decentralized and no communication with the main data center is required.

3.

 The design will need to cater for availability, upgrades, and failure scenarios.

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

A. Collapse the Management/Edge/Compute cluster.

B. A Shared Edge/Management cluster and one for Compute.

C. Separate the hosts physical NICs for VSS and N-VDS.

D. Install a minimum 4 ESXi hosts In the site.

E. Make all pNICs part of N-VDS and VMKs will be migrated.

F. Install a minimum of 6 ESXi hosts in the site.

Correct Answer: ACD

Limited budget for new site means collapsing of mgmt., edge, and compute provides the best value at lowest cost. NSX-T can fully operate with 4 esxi hosts (no need for 6) as that is more a requirement of VCF/vSAN. Because you are running NSX Edges you should run a vSS or vDS for vmkerneland edge traffic and a N-vDS for NSX-T overlays traffic. Each vSwitch requiring its own set of pNics https:// blogs.vmware.com/networkvirtualization/2018/10/flexible-deployment-options-for-nsx-t- edge-vm.html/

QUESTION 3

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

1.

This information was gathered during a workshop:

2.

Some workloads should be moved to a Cloud Provider.

3.

Extend network\\'s VLAN or VNI across sites on the same broadcast domain.

4.

Enable VM mobility use cases such as migration and disaster recovery without IP address changes.

5.

Support 1500 byte MTU between sites.

Which should the architect include in their design?

A. SSL VPN

B. Reflexive NAT

C. L2 VPN

D. Load Balancer

Correct Answer: C

NSX-T doesn\\'t support sslvpn, reflexive NATand LB don\\'t solve the ask. L2VPN will stretch across sites and to Cloud
Providers.

QUESTION 4

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

information was gathered during the assessment:

There must be a performance based SLA for East - West traffic.

Which two key performance features should the architect recommend? (Choose two.)

A. Setup RSS to leverage multiple cores.

B. Enable GENEVE-Offload.

C. Configure N-VDS Enhanced Data Path.

D. Install advanced Edge pNIC Features.

E. Leverage DPDK drivers.

Correct Answer: AB

*

(D) iswrong because its talking about edge pNIC and the only requirement we have shows performance

based SLA for East/West traffic.

*

(E) is wrong because DPDK is about edge fast-path for bare-metal NSX-T Edges

*

(A, B, and C) are all perf enhancers

*

(C) is focused on super low latency for NFV type workloads; if its not needed then don\\'t deploy it.

*

(B) GENEVE-Offload (TSO for Geneve offload send and LRO for Geneve offload receive)uses Rx/Tx

filters for queuing traffic.

*

(A) seems like the next best option over (C) as it corresponds to offloading principles of RSS,TSO, and

LRO

https://www.virtualizationhowto.com/2019/10/vmware-nsx-t-performance-tips-and-tuning/

QUESTION 5

Which three are part of a Design Approach when discussing design alternatives and their effects.(Choose three.)

A. backup

B. knowledge

C. cost

D. security

E. budget

F. performance

Correct Answer: CDF

A.M.P.R.S.C. = design qualities