

# 2V0-41.19<sup>Q&As</sup>

VMware Professional NSX-T Data Center 2.4

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#### **QUESTION 1**

What is the most restrictive NSX-T built-in role which will allow a user to apply configuration changes on a NSX Edge?

- A. Network Operator
- B. Network Engineer
- C. Cloud Service Administrator
- D. NSX Administrator
- Correct Answer: B

Reference:

https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.4/administration/GUID-26C44DE8-18544B06-B6DA-A2FD426CDF44.html

#### **QUESTION 2**

# Refer to the exhibit.

Transport Zones								
- AD	- ADD 🖉 EDIT 🔟 DELETE 🛞 ACTIONS -						View	
	Transport Zone 🔹	ID	Traffic Type	N-VDS Name	Status	Host Membership	Where Used	
	PROD-ENS-TZ	e3646d9d	Overlay	PROD-NVDS	• Unknown	ENS	Where Used	
	PROD-GENEVE-TZ	2c9de8af	Overlay	PROD-NVDS	• Unknown	Standard	Where Used	
	PROD-OVERLAY-TZ	b4eb6d28	Overlay	PROD-NVDS	• Up	Standard	Where Used	
	PROD-VLAN-TZ	bbb4d58e	VLAN	PROD-NVDS	<ul> <li>Unknown</li> </ul>	Standard	Where Used	

Considering Transport Zone limitations, how many NSX managed virtual distributed switches (N-VDSs) are needed on each ESXi to join all the Transport Zones?

A. 4

B. 3

- C. 2
- D. 1

Correct Answer: C



# **QUESTION 3**

What are two valid options when configuring the scope of a distributed firewall rule? (Choose two.)

- A. Group
- B. Tier-1 Gateway
- C. Segment Port
- D. Segment
- E. DFW
- Correct Answer: AE

#### **QUESTION 4**

In an enterprise-based single-tier routing topology, which routing component provides east-west routing functionality?

- A. Tier-0 Gateway
- B. Edge Node
- C. Edge Cluster
- D. Tier-1 Gateway
- Correct Answer: B

Reference: https://www.dellemc.com/resources/en-us/asset/technical-guides-support-information/ products/converged-infrastructure/vmware\_cloud\_foundation\_on\_vxrail\_architecture\_guide.pdf (24)

#### **QUESTION 5**

A security administrator needs to configure a firewall rule based on the domain name of a specific application.

Which field in a distributed firewall rule does the administrator configure?

- A. Policy
- B. Profile
- C. Service
- D. Source
- Correct Answer: B

#### Explanation:

On the Profile page, choose which profiles to apply the rule to. For most servers, you should apply the rule to all three profiles, because servers are usually continually connected to a single network. For mobile computers in domain environments, you typically need to apply firewall rules only to the Domain profile. Reference: https://www.microsoftpressstore.com/articles/article.aspx?p=2224362andseqNum=2

# **QUESTION 6**

Which two CLI commands could be used to see if vmnic link status is down? (Choose two.)

- A. esxcli network vswitch dvs vmware list
- B. esxcfg-nics -1
- C. esxcfg-vmsvc/get.networks
- D. esxcfg-vmknic -1
- E. esxcli network nic list
- Correct Answer: AE

# **QUESTION 7**

What is the function of a domain in a NSX-T Data Center?

- A. defines the scope of transport zones
- B. defines the scope of security policies and groups
- C. defines the scope of physical networks
- D. defines the scope of transport nodes

#### Correct Answer: D

Reference: https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.4.0/rn/VMware-NSX-T-DataCenter-240-Release-Notes.html

# **QUESTION 8**

What is the maximum supported ECMP paths in NSX-T 2.4 Data Center?

# A. 6



B. 8

C. 9

D. 7

Correct Answer: B

Explanation:

A maximum of eight ECMP paths are supported.

Reference: https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.4/administration/GUID-443B6B0DF179-429E-83F3-E136038332E0.html

# **QUESTION 9**

What are the supported N-VDS modes?

- A. DPDK Datapath
- B. Enhanced Datapath
- C. Overlay Datapath
- D. Standard Datapath
- E. Secure Datapath
- Correct Answer: BD

Explanation:

N-VDS Mode: There are 2 modes for N-VDS: Standard or Enhanced Datapath.

Reference: http://www.vstellar.com/2018/08/03/learning-nsx-t-part-8configuring-transport-zone-andtransport-nodes/

# **QUESTION 10**

Which three functions require a Services Router (SR) component on an Edge node? (Choose three.)

- A. Distributed Firewall
- B. Service Insertion
- C. Gateway Firewall
- D. Virtual Private Network
- E. Distributed Routing
- F. Packet Forwarding



Correct Answer: BCD

#### **QUESTION 11**

Which three CLI commands will list the TEP IPs configured on an ESXi transport node? (Choose three.)

- A. esxcfg-vswitch -1
- B. esxcfg-vmknic -1
- C. esxcli network ip address list
- D. esxcli network ip netstack list
- E. esxcli network ip interface ipv4 get
- F. esxcli network ip interface list
- Correct Answer: BDE

Reference:

https://docs.pivotal.io/pks/1-3/nsxt-deploy.html https://shuttletitan.com/nsx-t/nsx-t-installation-series/nsx-t-installati

# **QUESTION 12**

An NSX administrator has deployed an NSX Edge on a bare-metal server.

Which command registers the NSX Edge with the NSX Manager?

- A. join cluster username root password thumbprint
- B. join management-plane username admin password thumbprint
- C. join policy-manager username root password thumbprint
- D. join management-cluster username admin password thumbprint

Correct Answer: B

Reference: http://virtualbrigade.com/register-nsx-t-edge/

# **QUESTION 13**

What are three NSX Manager roles? (Choose three.)

#### A. zookeeper



- B. manager
- C. policy
- D. controller
- E. cloud
- F. master

Correct Answer: BCD

Explanation: In NSX-T 2.4 the NSX-T Manager is a Converged Appliance where Policy, Management and Control Roles are available

Reference: http://www.cloudxtreme.info/nsx-t-manager-clustering/

#### **QUESTION 14**

Which vmkernel module implements the N-VDS on an ESXi transport node?

- A. openvswitch
- B. enterswitch
- C. nsx-vswitch
- D. dvswitch
- Correct Answer: C

Reference: http://www.vstellar.com/2018/08/03/learning-nsx-t-part-8configuring-transport-zone-andtransport-nodes/

# **QUESTION 15**

Which two IP Discovery mechanisms are supported in KVM-environments? (Choose two.)

- A. IGMP Snooping
- B. Packet Snooping
- C. DHCP Snooping
- D. ARP Snooping
- E. ND Snooping

Correct Answer: CD

Reference: https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.4.0/rn/VMware-NSX-T-DataCenter-240-Release-Notes.html



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