



**Free Questions for 2V0-41.23 by certscare**

**Shared by Carter on 04-10-2023**

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# Question 1

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## Question Type: MultipleChoice

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Which two of the following will be used for Ingress traffic on the Edge node supporting a Single Tier topology? (Choose two.)

### Options:

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- A- Downlink Interface for the Tier-0 OR
- B- Downlink Interface for the Tier-1 DR
- C- Inter-Tier Interface on the Tier-0 gateway
- D- Tier-0 Uplink Interface H Tier-1 SR Router Port

### Answer:

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C, D

### Explanation:

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Single Tier topology is a simplified NSX design that uses only one logical router (Tier-1) for both north-south and east-west traffic. The Tier-1 logical router has two components: a Distributed Router (DR) and a Services Router (SR). The DR performs distributed routing

across all transport nodes, while the SR provides centralized services such as NAT, DHCP, VPN, etc. The SR is hosted on an Edge node that also hosts a Tier-0 gateway. The Tier-0 gateway is used for connecting to the physical network and providing dynamic routing protocols such as BGP or OSPF.

Ingress traffic on the Edge node supporting a Single Tier topology will use two interfaces: an Inter-Tier Interface on the Tier-0 gateway and a Tier-1 SR Router Port. The Inter-Tier Interface is a logical port that connects the Tier-0 gateway to the Tier-1 gateway. This interface enables routing between the two gateways and carries all the routing protocols and traffic. The Tier-1 SR Router Port is a logical port that connects the Tier-1 SR to the Tier-1 DR. This interface enables routing between the centralized and distributed components of the Tier-1 logical router.

## Question 2

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### Question Type: MultipleChoice

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

### Options:

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A- esxcfg-nics -1

B- excl network nic list

**C-** esxcli network vswitch dvs wware list

**D-** esxcfg-vmknic -1

**E-** esxcfg-vmsvc/get.network

### **Answer:**

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A, B

### **Explanation:**

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esxcfg-nics -l and esxcli network nic list are two CLI commands that can be used to see the vmnic link status on an ESXi host. Both commands display information such as the vmnic name, driver, link state, speed, and duplex mode. The link state can be either Up or Down, indicating whether the vmnic is connected or not. For example, the output of esxcfg-nics -l can look like this:

Name PCI Driver Link Speed Duplex MAC Address MTU Description

vmnic0 0000:02:00.0 igbn Up 1000Mbps Full 00:50:56:01:2a:3b 1500 Intel Corporation I350 Gigabit Network Connection

vmnic1 0000:02:00.1 igbn Down 0Mbps Half 00:50:56:01:2a:3c 1500 Intel Corporation I350 Gigabit Network Connection

## **Question 3**

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**Question Type:** MultipleChoice

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Which VPN type must be configured before enabling a L2VPN?

**Options:**

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- A-** Route-based IPSec VPN
- B-** Policy based IPSec VPN
- C-** SSL-based IPSec VPN
- D-** Port-based IPSec VPN

**Answer:**

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A

**Explanation:**

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According to the VMware NSX Documentation, this VPN type must be configured before enabling a L2VPN. L2VPN stands for Layer 2 VPN and is a feature that allows you to extend your layer 2 network across different sites using an IPSec tunnel. Route-based IPSec VPN is a VPN type that uses logical router ports to establish IPSec tunnels between sites.

## Question 4

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### Question Type: MultipleChoice

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Which CLI command is used for packet capture on the ESXi Node?

#### Options:

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- A- tcpdump
- B- debug
- C- pktcap uw
- D- set capture

#### Answer:

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C

#### Explanation:

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According to the VMware Knowledge Base, this CLI command is used for packet capture on the ESXi node. pktcap uw stands for Packet Capture User World and is a tool that allows you to capture packets from various points in the network stack of an ESXi host. You can use this tool to troubleshoot network issues or analyze traffic flows.

The other options are either incorrect or not available for this task. `tcpdump` is not a valid CLI command for packet capture on the ESXi node, as it is a tool that runs on Linux systems, not on ESXi hosts. `debug` is not a valid CLI command for packet capture on the ESXi node, as it is a generic term that describes the process of finding and fixing errors, not a specific tool or command. `set capture` is not a valid CLI command for packet capture on the ESXi node, as it does not exist in the ESXi CLI.

## Question 5

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### **Question Type:** MultipleChoice

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Which choice is a valid insertion point for North-South network introspection?

#### **Options:**

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- A-** Guest VM vNIC
- B-** Partner SVM
- C-** Tier-0 gateway
- D-** Host Physical NIC

#### **Answer:**

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B

### **Explanation:**

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According to the VMware NSX Documentation, Partner SVM is a valid insertion point for north-south network introspection. Network introspection is a feature that allows you to insert third-party network services into the data path of your traffic. Partner SVM stands for Partner Service Virtual Machine and is a virtual appliance that runs on an NSX Edge node and provides network services from a partner solution.

## **Question 6**

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### **Question Type: MultipleChoice**

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Which CLI command shows syslog on NSX Manager?

### **Options:**

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- A-** get log-file auth.lag
- B-** /var/log/syslog/syslog.log

C- show log manager follow

D- get log-file syslog

### **Answer:**

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D

### **Explanation:**

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According to the VMware NSX CLI Reference Guide, this CLI command shows the syslog messages on the NSX Manager node. You can use this command to view the system logs for troubleshooting or monitoring purposes.

The other options are either incorrect or not available for this task. get log-file auth.log is a CLI command that shows the authentication logs on the NSX Manager node, not the syslog messages. /var/log/syslog/syslog.log is not a CLI command, but a file path that may contain syslog messages on some Linux systems, but not on the NSX Manager node. show log manager follow is not a valid CLI command, as there is no show log command or manager option in the NSX CLI.

## **Question 7**

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### **Question Type: MultipleChoice**

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Which is an advantages of a L2 VPN In an NSX 4.x environment?

### **Options:**

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- A-** Enables Multi-Cloud solutions
- B-** Achieve better performance
- C-** Enables VM mobility with re-IP
- D-** Use the same broadcast domain

### **Answer:**

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D

### **Explanation:**

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L2 VPN is a feature of NSX that allows extending Layer 2 networks across different sites or clouds over an IPsec tunnel. L2 VPN has an advantage of enabling VM mobility with re-IP, which means that VMs can be moved from one site to another without changing their IP addresses or network configurations. This is possible because L2 VPN allows both sites to use the same broadcast domain, which means that they share the same subnet and VLAN .

## **Question 8**

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**Question Type: MultipleChoice**

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A company security policy requires all users to log into applications using a centralized authentication system.

Which two authentication, authorization, and accounting (AAA) systems are available when integrating NSX with VMware Identity Manager? (Choose two.)

**Options:**

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- A-** RADII 2.0
- B-** Keyoen Enterprise
- C-** RSA SecurID
- D-** LDAP and OpenLDAP based on Active Directory (AD)
- E-** SecureDAP

**Answer:**

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C, D

**Explanation:**

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NSX supports two types of authentication, authorization, and accounting (AAA) systems when integrating with VMware Identity Manager: RSA SecurID and LDAP and OpenLDAP based on Active Directory (AD). RSA SecurID is a two-factor authentication system that uses a

token-based approach to verify the identity of users. LDAP and OpenLDAP based on AD are directory services that store and manage user information and credentials. Both systems can be used to provide centralized authentication for users who want to access applications in an NSX environment .

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