



## **VMware**

### **Exam Questions 2V0-41.20**

Professional VMware NSX-T Data Center

#### NEW QUESTION 1

Which CLI command on NSX Manager and NSX Edge is used to change NTP settings?

- A. set time-server
- B. get timezone
- C. set ntp-server
- D. set timezone

**Answer: C**

#### NEW QUESTION 2

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 management-cluster <nsx-cluster-IP> username admin password <admin- password> thumbprint <nsx-manager-thumbprint>
- B. join cluster <nsx-cluster-IP> username root password <root-password> thumbprint<nsx-manager—thumbprint>
- C. join policy-manager <nsx-manager-ip> username root password <root-password> thumbprint<nsx-manager-thumbprint>
- D. join management-plane <nsx-nanager-ip> username admin password <admin-password> thumbprint<nsx-manager-thumbprint>

**Answer: D**

#### NEW QUESTION 3

What are two types of supported IPsec VPNs in NSX-T Data Center? (Choose two.)

- A. policy-based IPsec VPN
- B. Layer-7 based IPsec VPN
- C. route-based IPsec VPN
- D. Open source based IPsec VPN
- E. SSL based IPsec VPN

**Answer: AC**

#### NEW QUESTION 4

Which step must be performed before deploying an additional NSX Manager from the NSX-T UI?

- A. Prepare the ESXi hosts as Transport Nodes.
- B. Configure the Virtual IP of the cluster.
- C. Register vCenter Server as a Compute Manager.
- D. Create an Edge Cluster.

**Answer: C**

#### NEW QUESTION 5

An NSX Administrator has created a segment named WEB-LS from the NSX UI and noticed the segment is not realized on the KVM Transport node. What are two possible causes for this issue? (Choose two.)

- A. The KVM Transport node has hardware issues and will not realize the WEB-LS Segment.
- B. Since the Compute Manager is disconnected in NSX UI, the WEB-LS segment will not be realized on the KVM Transport Node.
- C. The virtual machines running on the KVM Transport Node are connected to the WEB-LS segment, but are in Powered Off state.
- D. The virtual machines running on the KVM Transport Node are not connected to the VDS.
- E. The virtual machines running on the KVM Transport Node are not connected to the WEB-LS Segment.

**Answer: BE**

#### NEW QUESTION 6

Which two ports are used by a transport node to communicate with the management and control planes in NSX-T Data Center 3.0? (Choose two.)

- A. 5685
- B. 1235
- C. 5671
- D. 5678
- E. 1234

**Answer: BE**

#### Explanation:

The NSX Manager management plane communicates with the transport nodes by using APH Server over NSX-RPC/TCP through port 1234. CCP communicates with the transport nodes by using APH Server over NSX-RPC/TCP through port 1235. Taken from NSX-T ICM 3.0 Lecture manual

#### NEW QUESTION 7

Which three services are compatible with VRF Lite? (Choose three.)

- A. VPN
- B. Intrusion Detection
- C. NAT

- D. Load Balancer
- E. DHCP

**Answer:** BCE

**Explanation:**

VRF Lite is not compatible with the following services:

- VPN
  - Load Balancer
- Taken from NSX-T ICM 3.0 Lecture Manual.

**NEW QUESTION 8**

Which CLI command should be executed on a KVM hypervisor to retrieve the VM interface UUID?

- A. `virsh dumpxml <VM Name> | grep interfaceid`
- B. `virsh get-interface <VM Name>`
- C. `virsh show <VM Name> | grep interfaceid`
- D. `virsh list-interface <VM Name>`

**Answer:** A

**Explanation:**

[https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/nsxt\\_30\\_admin.pdf](https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/nsxt_30_admin.pdf)

**NEW QUESTION 9**

Which three protocols could an NSX administrator use to transfer log messages to a remote log server? (Choose three.)

- A. SSL
- B. HTTPS
- C. TLS
- D. UDP
- E. SSH
- F. TCP

**Answer:** CDF

**Explanation:**

<https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/certification/vmware-2vo-41.20-exam-p>

**NEW QUESTION 10**

Which two statements describe the characteristics of an Edge Cluster in NSX-T 3.0 Data Center? (Choose two.)

- A. can have a maximum of 8 edge nodes
- B. must have only active-active edge nodes
- C. can have a maximum of 10 edge nodes
- D. can contain multiple types of edge nodes (VM or bare metal)
- E. must contain only one type of edge nodes (VM or bare metal)

**Answer:** CD

**Explanation:**

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/installation/GUID-14183A62-8E8D-43CC-92E0>

**NEW QUESTION 10**

Which two statements are true about the implementation of multicast in NSX-T Data Center? (Choose two.)

- A. Multicast routing is implemented with PIM Sparse-Mode.
- B. IGMP Snooping is used to populate multicast forwarding tables.
- C. Tier-0 gateways can be the Rendezvous Point.
- D. Multicast is supported in ESXi and KVM transport nodes.
- E. An Edge can be the Rendezvous Point.

**Answer:** AB

**Explanation:**

[https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/nsxt\\_30\\_admin.pdf](https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/nsxt_30_admin.pdf)

**NEW QUESTION 11**

Which network virtualization technologies can be used with an Ethernet VPN (EVPN) deployment in NSX-T Data Center? (Choose two.)

- A. Virtual Extensible Local Area Network (VXLAN)
- B. Multiprotocol Border Gateway Protocol (MP-BGP)
- C. Open Shortest Path First (OSPF)
- D. Multiprotocol Label Switching (MPLS)
- E. Virtual Routing and Forwarding (VRF)

**Answer:** AE

### NEW QUESTION 13

An NSX administrator noticed that the nsxcli command times out after 600 secs of idle time. Which CLI command disables the nsxcli time out value on NSX Manager?

- A. set cli-timeout 0
- B. set cli-timeout enabled
- C. set cli-timeout disabled
- D. set cli-timeout 1

**Answer:** A

#### Explanation:

"<https://vdc-download.vmware.com/vmwb-repository/dcr-public/cc42e3c1-eb34-4567-a916-147e79798957/8264>  
<https://www.virtten.net/2020/06/quick-tip-remove-nsx-t-ssh-and-http-session-timeout/>

### NEW QUESTION 14

An NSX administrator has observed connectivity issues between the NSX Manager and the KVM Transport Node. Which two log files could be used to troubleshoot the issue on the KVM Transport Node? (Choose two.)

- A. /var/log/vmware/nsx-syslog
- B. /usr/vmware/log/syslog
- C. /var/log/nsx/syslog
- D. /usr/vmware/nsx-syslog
- E. /var/log/syslog

**Answer:** AE

### NEW QUESTION 15

Which log is used to see a failed NSX-T installation of a VIB package on ESXi transport nodes?

- A. /var/log/host
- B. log
- C. /var/log/vmware/eam/eam.log
- D. /var/log/esxupdate.log
- E. /var/log/syslog.log

**Answer:** D

### NEW QUESTION 19

Which two BGP configuration parameters can be configured in the VRF Lite gateways? (Choose two.)

- A. Route Aggregation
- B. Route Distribution
- C. Graceful Restart
- D. BGP Neighbors
- E. Local AS

**Answer:** AD

#### Explanation:

The following parameters are inherited from the default Tier-0 gateway and cannot be modified at the VRF level:

- Local AS
- Graceful restart
- Graceful restart timer
- Graceful restart stale timer
- Multipath relax

Inter-SR iBGP is not supported in VRF gateways. BGP can be enabled or disabled per VRF gateway. Route aggregation and BGP neighbors are local configurations per VRF.

### NEW QUESTION 24

Which two steps must an NSX administrator take to integrate VMware Identity Manager in NSX-T to support role-based access control? (Choose two.)

- A. Create a SAML authentication in VMware Identity Manager using the NSX Manager FQDN.
- B. Add NSX Manager as a Service Provider (SP) in VMware Identity Manager.
- C. Create an OAuth 2.0 client in VMware Identity Manager.
- D. Enter the Identity Provider (IdP) metadata URL in NSX Manager.
- E. Enter the service URL, Client Secret, and SSL thumbprint in NSX Manager.

**Answer:** CE

### NEW QUESTION 27

When deploying east-west network introspection, which Service Virtual Machine (SVM) deployment method achieves the least amount of traffic hair pinning?

- A. Create a secondary vNIC on each guest VM for SVM communication.
- B. Place a partner SVM on each compute cluster node.
- C. Centralize partner SVMs in a service cluster.
- D. Add partner SVMs to an edge cluster.

**Answer:** B

**Explanation:**

"For SVMs deployed on compute hosts, an SVM does not need to be installed on every host. Some customers prefer to deploy the partner SVM on each host to achieve the least amount of traffic hairpinning. When the partner SVM is deployed in a service cluster, traffic is sent from the compute hosts across the overlay to the hosts in the service cluster."

**NEW QUESTION 28**

Which two commands does an NSX administrator use to check the IP address of the VMkernel port for the GENEVE protocol on the ESXi transport node? (Choose two.)

- A. esxcfg-nics -1
- B. net-dvs
- C. esxcli network nic list
- D. esxcfg-vmknic -1
- E. esxcli network ip interface ipv4 get

**Answer:** DE

**NEW QUESTION 29**

A DevOps user has deployed a Kubernetes Pod in vSphere. What does the term ClusterIP represent within NSX-T?

- A. Deployment of T1 with NLB service.
- B. Deployment of Distributed Router.
- C. Deployment of Distributed Load Balancing service.
- D. Deployment of T0 and T1

**Answer:** C

**NEW QUESTION 34**

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

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

**Answer:** ADF

**NEW QUESTION 35**

Which two choices are solutions of the NSX portfolio (Choose two.)?

- A. vRealize Automation
- B. NSX Distributed IDS/IPS
- C. vRealize Network Insight
- D. Tanzu Kubernetes Grid
- E. NSX Service Mesh

**Answer:** BE

**NEW QUESTION 40**

How does Traceflow tool identify issues in a network?

- A. Compares intended network state in the control plane with Tunnel End Point (TEP) keepalives in the data plane.
- B. Compares the management plane configuration states containing control plane traffic and error reporting from transport node agents.
- C. Injects synthetic traffic into the data plane and observes the results in the control plane.
- D. Injects ICMP traffic into the data plane and observes the results in the control plane.

**Answer:** C

**NEW QUESTION 41**

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

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

**Answer:** BDF

**NEW QUESTION 42**

When running nsxcli on an ESXi host, which command will show the Replication mode?

- A. get logical-switch <Local-Switch-UUID> status
- B. get logical-switch <Logical-Switch-UUID>
- C. get logical-switches
- D. get logical-switch status

**Answer: B**

**Explanation:**

<https://vdc-download.vmware.com/vmwb-repository/dcr-public/cc42e3c1-eb34-4567-a916-147e79798957/8264>

#### NEW QUESTION 46

A customer is preparing to deploy VMware Kubernetes on an NSX-T Data Center. What is the minimum MTU size for the UPLINK profile?

- A. 1500
- B. 1650
- C. 1550
- D. 1600

**Answer: D**

#### NEW QUESTION 51

Which two logical router components span across all transport nodes? (Choose two.)

- A. DISTRIBUTED\_ROUTER\_TIER0
- B. SERVICE\_ROUTER\_TIER0
- C. TIER0\_DISTRIBUTED\_ROUTER
- D. DISTRIBUTED\_ROUTER\_TIER1
- E. SERVICE\_ROUTER\_TIER1

**Answer: AD**

#### NEW QUESTION 54

Which CLI command does an NSX administrator run on the NSX Manager to generate support bundle logs if the NSX UI is inaccessible?

- A. get support-bundle file vcpnv.tgz
- B. set support-bundle file vcpnv.tgz
- C. vm-support
- D. esxcli system syslog config logger set --id=nsxmanager

**Answer: A**

**Explanation:**

<https://vdc-download.vmware.com/vmwb-repository/dcr-public/cc42e3c1-eb34-4567-a916-147e79798957/8264>

#### NEW QUESTION 56

What are three characteristics of a transport zone? (Choose three.)

- A. defines the potential reach of transport nodes
- B. configured with a Single N-VDS
- C. defines the scope and reachability of a Segment
- D. configured with multiple N-VDS
- E. optional for creating a segment

**Answer: ABC**

#### NEW QUESTION 59

Which tool injects packets and provides various observation points along the packet's path between two NSX-T managed objects?

- A. SPAN mirrors
- B. Port Mirroring
- C. Traceflow
- D. IPFIX

**Answer: C**

#### NEW QUESTION 61

An NSX administrator is configuring the KVM hypervisor host as a transport node and wants to apply the Failover Order as a NIC teaming policy. Which profile allows the administrator to configure the NIC Teaming policy as Failover Order?

- A. N-VDS/VDS Profile
- B. Transport Node Profile
- C. Host Switch Profile
- D. Uplink Profile

Answer: D

NEW QUESTION 65

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