

# 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

An NSX administrator is creating a Tier-1 Gateway configured in Active-Standby High Availability Mode. In the event of node failure, the failover policy should not allow the original failed node to become the Active node upon recovery.

Which failover policy meets this requirement?

- A. Non-Preemptive
- B. Preemptive
- C. Enable Preemptive
- D. Disable Preemptive

**Answer:** A

#### NEW QUESTION 4

Which two choices are prerequisites to configure NSX-T on VDS? (Choose two.)

- A. MTU 1500
- B. MTU 1400
- C. vSphere Distributed Switch 6.5
- D. vSphere Distributed Switch 7.0
- E. MTU 1600

**Answer:** DE

#### Explanation:

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/installation/GUID-BA34FB2A-6780-41C5-B895>

#### NEW QUESTION 5

How is the RouterLink port created between a Tier-1 Gateway and Tier-0 Gateway?

- A. Automatically created when Tier-1 is created.
- B. Manually create a Segment and connect to both Tier-1 and Tier-0 Gateways.
- C. Manually create a Logical Switch and connect to bother Tier-1 and Tier-0 Gateways.
- D. Automatically created when Tier-1 is connected with Tier-0 from NSX UI.

**Answer:** D

#### Explanation:

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/administration/GUID-3F163DEE-1EE6-4D80-B>

#### NEW QUESTION 6

Which statement is true about an alarm in a Suppressed state?

- A. An alarm can be suppressed for a specific duration in days.
- B. An alarm can be suppressed for a specific duration in minutes.
- C. An alarm can be suppressed for a specific duration in seconds.
- D. An alarm can be suppressed for a specific duration in hours.

**Answer:** D

#### Explanation:

<https://docs.vmware.com/en/VMware-NSX-Intelligence/1.1/user-guide/GUID-EBD3C5A8-F9AB-4A22-BA40-> "If you move an alarm into a Suppressed state, you are prompted to specify the duration in hours. After the specified duration passes, the alarm state reverts to Open. However, if the system determines the condition has been corrected, the alarm state changes to Resolved."

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/administration/GUID-EB1BB1D3-8892-4890-B>

#### NEW QUESTION 7

Which command is used to change the NSX CU administrator password?

- A. set user admin password <password> old-password <old-password>
- B. set user admin password <old-password> <new-password>
- C. set user administrator password <old-password> <new-password>
- D. set user administrator password <password> old-password <old-password>

**Answer:** A

#### Explanation:

To change the password of an account run: set user admin password my-new-pwd old-password my-old-pwd

#### NEW QUESTION 8

An NSX administrator has been tasked with deploying a NSX Edge Virtual machine through an ISO image. Which virtual network interface card (vNIC) type must be selected while creating the NSX Edge VM allow participation in overlay and VLAN transport zones?

- A. e1000
- B. VMXNET2
- C. VMXNET3
- D. Flexible

**Answer:** C

#### NEW QUESTION 9

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 network tool could an administrator use on an ESXi 7 host to capture packets when troubleshooting connectivity issues?

- A. Wireshark
- B. pktcap-uw
- C. net-stats
- D. tcpdump

**Answer:** B

#### Explanation:

If you do when troubleshooting connectivity issues on your Virtualization environment. This post will help you to capture Network traffic on ESXi host using pktcap-uw tool.

#### 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

What needs to be configured on a Tier-0 Gateway to make NSX Edge Services available to a VM on a VLAN- backed logical switch?

- A. Service interface
- B. Loopback Router Port
- C. Downlink interface
- D. VLAN Uplink

**Answer:** A

#### Explanation:

"The service interface is a special-purpose port to enable services for mainly VLAN-based networks.

North-south service insertion is another use case that requires a service interface to connect a partner appliance and redirect north-south traffic for partner services. Service interfaces are supported on both active-standby Tier-0 logical routers and Tier-1 routers. Firewall, NAT, and VPNs are supported on this interface. The service interface is also a downlink"

**NEW QUESTION 15**

Which statement describes the VMware Virtual Cloud Network Vision?

- A. Virtual Cloud Network connects and protects virtual machines running in KVM environments.
- B. Virtual Cloud Network connects and protects virtual machines running in vSphere environments.
- C. Virtual Cloud Network connects and protects applications, regardless of their physical locations.
- D. Virtual Cloud Network connects and protects applications and data, regardless of their physical locations.

**Answer:** D

**NEW QUESTION 19**

Which three steps must be carried out to configure North-South / East-West Network Inspection? (Choose three.)

- A. Service Deployment
- B. Service Insertion
- C. Service Consumption
- D. Service Registration
- E. Service Introspection

**Answer:** ABE

**NEW QUESTION 24**

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 26**

An NSX administrator wants to create a Tier-0 Gateway to support equal cost multi-path (ECMP) routing. Which failover detection protocol must be used to meet this requirement?

- A. Beacon Probing (BP)
- B. Host Standby Router Protocol (HSRP)
- C. Bidirectional Forwarding Detection (BFD)
- D. Virtual Router Redundancy Protocol (VRRP)

**Answer:** C

**NEW QUESTION 31**

Which two commands are used to query the arp-table of a logical switch? (Choose two.)

- A. get logical-switch arp-table <logical-switch-uuid>
- B. get logical-switch arp-table <vni>
- C. get logical-switch arp-table
- D. get logical-switch <logical-switch-uuid> arp-table
- E. get logical-switch <vni> arp-table

**Answer:** DE

**NEW QUESTION 36**

An NSX administrator would like to export syslog events that capture messages related to NSX host preparation events.

Which message ID (msgid) should be used in the syslog export configuration command as a filter?

- A. SYSTEM
- B. FABRIC
- C. GROUPING
- D. MONITORING

**Answer:** B

**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 37**

An NSX administrator would like to configure syslog for a KVM transport node. Which host log files could be exported to a remote syslog server?

- A. /var/log/vmware/nsx-syslog
- B. /var/log/cfgAgent.log
- C. /var/log/nsx-audit.log
- D. /var/log/cloudnet/nsx-ccp.log

**Answer:** A

#### NEW QUESTION 42

Which three can an administrator define in a transport node profile? (Choose three.)

- A. Logical Router
- B. Segment Profile
- C. Segment
- D. Uplink Profile
- E. VDS switch configuration
- F. N-VDS switch configuration

**Answer:** DEF

#### NEW QUESTION 43

A customer has a network where BGP has been enabled and the BGP neighbor is configured on the Tier-0 Gateway. A NSX-T Data Center administrator used the get logical-routers command to retrieve this information:

```
sa-nsxedge-01> get logical-routers
```

Logical Router

UUID Type	VRF	LR-ID	Name
Ports			
736a80e3-23f6-5a2d-81d6-bbefb2786666 TUNNEL 3	0	0	
B10ef54e-d5f3-49e5-99b7-8a51366d0592 SERVICE_ROUTER_TIER1 8	1	1025	SR-T1-LR-01
5a5ddd63-3764-4d28-b82e-ee4c964a0dfd SERVICE_ROUTER_TIER0 6	3	2049	SR-T0-LR-01
0E0784db-511f-fa72-ae0b-1ccaa0262ad2 DISTRIBUTED_ROUTER_TIER0 4	4	7	DR-T0-LR-01

Which two commands must be executed to check BGP neighbor status? (Choose two.)

- A. vrf 3
- B. vrf 1
- C. vrf 4
- D. sa-nsxedge-01(tier1\_sr)> get bgp neighbor
- E. sa-nsxedge-01(tier0\_sr)> get bgp neighbor
- F. sa-nsxedge-01(tier0\_dr)> get bgp neighbor

**Answer:** AE

#### NEW QUESTION 48

Which two choices are use cases for Distributed Intrusion Detection? (Choose two.)

- A. Identify security vulnerabilities in the workloads.
- B. Use agentless antivirus with Guest Introspection.
- C. Quarantine workloads based on vulnerabilities.
- D. Identify risk and reputation of accessed websites.
- E. Gain insight about micro-segmentation traffic flows.

**Answer:** AC

#### NEW QUESTION 49

Which three different transport nodes could be configured in the data plane? (Choose three.)

- A. vShield Edge VM
- B. ESXi and KVM
- C. Bare Metal server
- D. NSX Edge VM on KVM
- E. ESXi and Hyper-V
- F. VM or Bare Metal NSX Edge

**Answer:** BCF

**NEW QUESTION 50**

Which CLI command would an administrator use to allow syslog on an ESXi transport node when using the esxcli utility?

- A. esxcli network firewall ruleset -e syslog
- B. esxcli network firewall ruleset set -a -e false
- C. esxcli network firewall ruleset set -r syslog -e true
- D. esxcli network firewall ruleset set -r syslog -e false

**Answer:** C

**NEW QUESTION 53**

The NSX Control Plane is responsible for which two functions? (Choose two.)

- A. receive and validate configuration from NSX Policy
- B. host API services
- C. propagate topology information
- D. push stateless configurations to forwarding engines
- E. maintain packet-level statistics

**Answer:** CD

**NEW QUESTION 58**

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 63**

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