

VMware.2V0-41.20.by.Atom.69q

Number: 2V0-41.20  
Passing Score: 800  
Time Limit: 120  
File Version: 7.0

**Exam Code: 2V0-41.20**  
**Exam Name: Professional VMware NSX-T Data Center**



## Exam A

### QUESTION 1

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.

**Correct Answer: C, E**

**Section:**

### QUESTION 2

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.

**Correct Answer: A, B**

**Section:**

### QUESTION 3

Which TraceFlow traffic type should an NSX administrator use for validating connectivity between App and DB virtual machines that reside on different segments?

- A. Multicast
- B. Anycast
- C. Unicast
- D. Broadcast

**Correct Answer: C**

**Section:**

### QUESTION 4

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

**Correct Answer: B**

**Section:**

**Explanation:**

Reference:

<https://vdc-download.vmware.com/vmwb-repository/dcr-public/cc42e3c1-eb34-4567-a916-147e79798957/8264605c-a5e1-49a8-b603-cc78621eeeab/cli.html#get%20logicalswitch%20%3Clogical-switch-id%3E%20>

#### QUESTION 5

Which profile must be attached to the ESXi cluster to prepare the host for NSX-T Data Center?

- A. Transport Node Profile
- B. Uplink Profile
- C. Switching Profile
- D. Host Profile

**Correct Answer: A**

**Section:**

#### QUESTION 6

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



**Correct Answer: A, E**

**Section:**

#### QUESTION 7

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

**Correct Answer: B, C, F**

**Section:**

#### QUESTION 8

Which statement is true regarding the audit user account? (Choose two.)

- A. The admin user must set the password for the audit account to log in to NSX Manager.
- B. The administrator must run the set audit user password <password> command.
- C. The audit user has read-write access to the NSX Manager.
- D. The audit user is disabled by default and must be enabled to log in to the NSX Manager.
- E. The administrator must run the set user audit password <password> command.

**Correct Answer: A, E**

**Section:**

#### QUESTION 9

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

**Correct Answer: A**

**Section:**

#### QUESTION 10

Which command is used to display the network configuration of the Tunnel Endpoint (TEP) IP on a bare metal transport node?

- A. ifconfig
- B. tcpdump
- C. debug
- D. ipconfig

**Correct Answer: A**

**Section:**

**Explanation:**

Reference:

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/installation/GUID-B7E7371E-A9F6-4880-B184-E00A62C0C818.html>

#### QUESTION 11

Which three steps are required to create an IPsec VPN tunnel? (Choose three.)

- A. Create an IPsec service.
- B. Add a local endpoint.
- C. Configure an IPsec session.
- D. Configure a distributed firewall policy.
- E. Add a logical switch.

**Correct Answer: A, B, C**

**Section:**

**Explanation:**

To create an IPsec VPN tunnel in VMware NSX-T, these are the three steps that need to be performed: Create an IPsec service: An IPsec service is a container for one or more IPsec sessions. It contains the IPsec configuration such as algorithms, encryption keys, and security protocols. Add a local endpoint: The local endpoint represents the IP address of the local VPN gateway. Configure an IPsec session: The IPsec session defines the specific parameters for a VPN connection, such as the remote endpoint, encryption and authentication algorithms, and the key exchange method. Reference: [https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.1/nsxt\\_31\\_admin\\_guide/GUID-6E5C9A5F-2A1B-4A5D-A7E5-B8D9A37A9B9E.html](https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.1/nsxt_31_admin_guide/GUID-6E5C9A5F-2A1B-4A5D-A7E5-B8D9A37A9B9E.html)

**QUESTION 12**

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)

**Correct Answer: C**

**Section:**

**QUESTION 13**

What are two supported N-VDS modes? (Choose two.)

- A. DPDK Datapath
- B. Overlay Datapath
- C. Secure Datapath
- D. Enhanced Datapath
- E. Standard Datapath

**Correct Answer: D, E**

**Section:**

**Explanation:**

Reference:

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/installation/GUID-37BC3CEF-DCC1-4C6F-960D-CFBB31908D1C.html>

**QUESTION 14**

A user is assigned these two roles in NSX Manager:

LB Admin

Network Engineer

What privileges does this user have in the system?

- A. read permissions on all networking services and full access permissions on load balancing features
- B. full access permissions on all networking services and full access permissions on load balancing features
- C. full access permissions on all networking services and read permissions on load balancing features
- D. read permissions on all networking services and read permissions on load balancing features

**Correct Answer: B**

**Section:**



**QUESTION 15**

An NSX administrator has configured a KVM hypervisor as a transport node. Which kernel module on KVM implements a N-VDS?

- A. openvswitch
- B. etherswitch
- C. nsx-vswitch
- D. dyswitch

**Correct Answer: A**

**Section:**

**QUESTION 16**

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>

**Correct Answer: A**

**Section:**

**Explanation:**

Reference:

[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)

**QUESTION 17**

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

**Correct Answer: A, C**

**Section:**

**QUESTION 18**

Which CLI command shows syslog on NSX Manager?

- A. show log manager follow
- B. get log-file auth.log
- C. get log-file syslog
- D. /var/log/syslog/syslog.log

**Correct Answer: C**

**Section:**

**Explanation:**

Reference:

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/administration/GUID-406AF9C3-E8F7-447A-8E3D-92AFB9D5E973.html>**QUESTION 19**

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

**Correct Answer: C, D, F****Section:****Explanation:**

Reference:

<https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/certification/vmware-2vo-41.20-exam-prep-guide.pdf>**QUESTION 20**

Which command is used to set the NSX Manager's logging-level to debug mode for troubleshooting?

- A. set service nsx-manager logging-level debug
- B. set service nsx-manager log-level debug
- C. set service manager log-level debug
- D. set service manager logging-level debug

**Correct Answer: D****Section:****Explanation:**

Reference:

<https://vdc-download.vmware.com/vmwb-repository/dcr-public/cc42e3c1-eb34-4567-a916-147e79798957/8264605c-a5e1-49a8-b603-cc78621eeeab/cli.html>**QUESTION 21**

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

**Correct Answer: C, D****Section:****QUESTION 22**

An NSX administrator is using ping to check connectivity between VM1 running on ESXi1 to VM2 running on ESXi2. The ping tests fails. The administrator knows the maximum transmission unit size on the physical switch is 1600.

Which command does the administrator use to check the VMware kernel ports for tunnel end point communication?

- A. esxcli network diag ping -H <destination IP address>
- B. vmkping ++netstack=geneve -d -s 1572 <destination IP address>
- C. vmkping ++netstack=vxlan-d -s 1572 <destination IP address>
- D. esxcli network diag ping -l vmk0 -H <destination IP address>

**Correct Answer: C**

**Section:**

**Explanation:**

<https://kb.vmware.com/s/article/1003728>

#### QUESTION 23

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 both Tier-1 and Tier-0 Gateways.
- D. Automatically created when Tier-1 is connected with Tier-0 from NSX UI.

**Correct Answer: D**

**Section:**

**Explanation:**

Reference:

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/administration/GUID-3F163DEE-1EE6-4D80-BEBF-8D109FDB577C.html>



#### QUESTION 24

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

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

**Correct Answer: B**

**Section:**

#### QUESTION 25

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



**Correct Answer: D**

**Section:**

**QUESTION 26**

Which tool could be used to inspect the path of a packet in the data plane?

- A. Port Connection
- B. Port Mirroring Session
- C. Netflow
- D. Traceflow

**Correct Answer: D**

**Section:**

**QUESTION 27**

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.

**Correct Answer: A, B**

**Section:**

**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)

**QUESTION 28**

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 <adminpassword> 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-manager-ip> username admin password <admin-password> thumbprint <nsx-manager-thumbprint>`

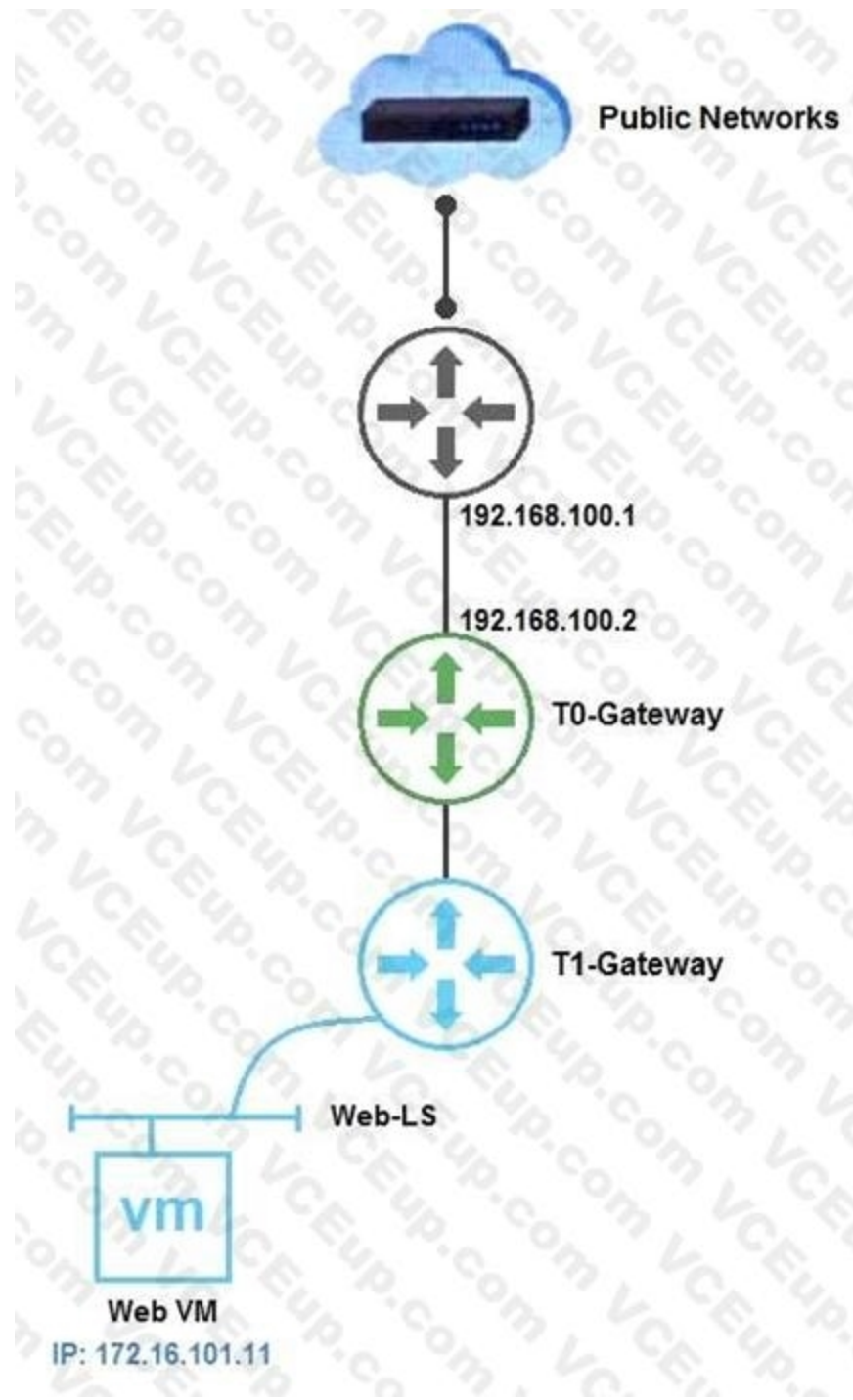
**Correct Answer: D**

**Section:**

**QUESTION 29**

Refer to the exhibit.





 **vdumps**

Which NAT type must the NSX-T Data Center administrator create on the Tier-0 or Tier-1 Gateway to allow Web VM to initiate communication with public networks?

- A. SNAT
- B. Reverse NAT
- C. DNAT
- D. 1:1 NAT

**Correct Answer: A**

**Section:**

**QUESTION 30**

How does the 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.

**Correct Answer: C**

**Section:**

**QUESTION 31**

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.

**Correct Answer: D**

**Section:**

**Explanation:**

Reference:

<https://docs.vmware.com/en/VMware-NSX-Intelligence/1.1/user-guide/GUID-EBD3C5A8-F9AB-4A22-BA40-92D61850C1E6.html>"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-BE74-EF43CFC75F19.html>

**QUESTION 32**

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

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

- A. vrf 3
- B. vrf 1
- C. vrf 4

- D. sa-nxedge-01(tier1\_sr)> get bgp neighbor
- E. sa-nxedge-01(tier0\_sr)> get bgp neighbor
- F. sa-nxedge-01(tier0\_dr)> get bgp neighbor

**Correct Answer: A, E**

**Section:**

### QUESTION 33

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

**Correct Answer: A, D**

**Section:**

**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.



### QUESTION 34

An NSX administrator is troubleshooting a connectivity issue with virtual machines running on an ESXi transport node. Which feature in the NSX UI shows the mapping between the virtual NIC and the host's physical adapter?

- A. Switch Visualization
- B. Port Mirroring
- C. Activity Monitoring
- D. IPFIX

**Correct Answer: A**

**Section:**

### QUESTION 35

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

**Correct Answer: A, D**

**Section:**

**QUESTION 36**

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.

**Correct Answer: C**

**Section:**

**QUESTION 37**

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

**Correct Answer: A, D, F**

**Section:**

**QUESTION 38**

Which NSX CLI command is used to check the GENEVE tunnel status on ESXi transport node?

- A. get host-switch <Host-Switch-Name> tunnels
- B. get transport-node tunnel status
- C. get host-switch <Host-Switch-Name> tunnel status
- D. get transport-node tunnel state

**Correct Answer: A**

**Section:**

**Explanation:**

Reference:

<https://vdc-download.vmware.com/vmwb-repository/dcr-public/cc42e3c1-eb34-4567-a916-147e79798957/8264605c-a5e1-49a8-b603-cc78621eeeab/cli.html#get%20host-switch%20%3Chostswitch-name%3E%20tunnels>

**QUESTION 39**

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

- A. Segment Port



- B. Group
- C. Segment
- D. DFW
- E. Tier-1 Gateway

**Correct Answer: B, D**

**Section:**

**QUESTION 40**

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

**Correct Answer: D, E**

**Section:**

**QUESTION 41**

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

- A. VPN
- B. Intrusion Detection
- C. NAT
- D. Load Balancer
- E. DHCP

**Correct Answer: B, C, E**

**Section:**

**Explanation:**

VRF Lite is not compatible with the following services:

-VPN

-Load Balancer

Taken from NSX-T ICM 3.0 Lecture Manual.

**QUESTION 42**

Which three teaming policy modes are supported by NSX-T Data Center? (Choose three.)

- A. Destination MAC
- B. Load Balanced Source IP
- C. Failover Order
- D. Destination Port
- E. Load Balanced Source MAC
- F. Load Balanced Source



**Correct Answer: C, E, F**

**Section:**

**QUESTION 43**

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

**Correct Answer: A**

**Section:**

**QUESTION 44**

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

**Correct Answer: B, E**

**Section:**

**QUESTION 45**

Where are Distributed Firewall logs containing access decisions stored?

- A. NSX API
- B. NSX Edge
- C. NSX Manager
- D. Hypervisor transport node

**Correct Answer: D**

**Section:**

**Explanation:**

Reference:

<https://docs.vmware.com/en/VMware-NSX-Data-Center-forvSphere/6.4/com.vmware.nsx.logging.doc/GUID-6F9DC53E-222D-464B-8613-AB2D517CE5E3.html>

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/administration/GUID-D57429A1-A0A9-42BE-A299-0C3C3546ABF3.html>

**QUESTION 46**

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

- A. cloud



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

**Correct Answer: B, D, F**

**Section:**

**QUESTION 47**

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

**Correct Answer: D, E, F**

**Section:**

**QUESTION 48**

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

**Correct Answer: B, E**

**Section:**

**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

**QUESTION 49**

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



**Correct Answer: C**

**Section:**

**QUESTION 50**

How many IPs are required when deploying a highly available NSX Management Cluster with VIP in a production environment?

- A. 5
- B. 6
- C. 3
- D. 4

**Correct Answer: D**

**Section:**

**QUESTION 51**

A company is deploying a NSX-T Data Center micro-segmentation in their vSphere environment to secure a simple application composed of web, app, and database tiers.

The naming convention will be:

WKS-WEB-SRV-XXX

WKY-APP-SRR-XXX

WKI-DB-SRR-XXX

What is the optimal way to group them in order to enforce security policies from NSX-T Data Center?

- A. Create an Ethernet based security policy.
- B. Group all by means of tags membership.
- C. Use Edge as a firewall between tiers.
- D. Do a service insertion to accomplish the task.



**Correct Answer: B**

**Section:**

**QUESTION 52**

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

**Correct Answer: A, B, C**

**Section:**

**Explanation:**

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.3/com.vmware.nsx.install.doc/GUID-F47989B2-2B9D-4214-B3BA-5DDF66A1B0E6.html>

**QUESTION 53**

Which is correct when deploying a NSX Edge in a KVM only environment?

- A. deploy NSX Edge VM with QCOW2 image
- B. deploy NSX Edge VM with ISO image
- C. deploy NSX Edge on a bare-metal server
- D. deploy NSX Edge VM with OVF template

**Correct Answer: C**

**Section:**

**Explanation:**

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.4/installation/GUID-26D8A6AE-FC16-428D-8A11-6A581091F2CF.html>

#### QUESTION 54

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

**Correct Answer: C**

**Section:**

**Explanation:**

Reference:

[https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=7&ved=2ahUKEwjw0duct\\_nmAhUJ1BoKHVrgACcQFjAGegQIBxAC&url=ftp%3A%2F%2Fftp.inwinstack.com%2FOther%2FAI-NSXT%2FVMware%2FVMWare%2520NSX-T%2FDocuments%2Fnsxt\\_21\\_admin.pdf&usg=AOvVaw2DqQfqPkhzWQfiJP2SgNbO \(213\)](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=7&ved=2ahUKEwjw0duct_nmAhUJ1BoKHVrgACcQFjAGegQIBxAC&url=ftp%3A%2F%2Fftp.inwinstack.com%2FOther%2FAI-NSXT%2FVMware%2FVMWare%2520NSX-T%2FDocuments%2Fnsxt_21_admin.pdf&usg=AOvVaw2DqQfqPkhzWQfiJP2SgNbO (213))

#### QUESTION 55

An NSX administrator is creating a NAT rule on a Tier-0 Gateway configured in active-standby high availability mode.

Which two NAT rule types are supported for this configuration? (Choose two.)

- A. Port NAT
- B. Source NAT
- C. Destination NAT
- D. 1:1 NAT
- E. Reflexive NAT

**Correct Answer: B, C**

**Section:**

#### QUESTION 56

Which two tools are used to configure centralized logging in NSX-T Data Center? (Choose two.)

- A. vRealize Network Insight
- B. vRealize Automation
- C. vRealize Log Insight
- D. Syslog Server
- E. vRealize Operations

**Correct Answer: C, D**

**Section:**

**QUESTION 57**

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

**Correct Answer: B**

**Section:**

**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.

**QUESTION 58**

How is the intra-tier transit link connection created between SR and DR for a Tier-0 Gateway?

- A. Manually create a gateway interface and mark it as transit.
- B. Automatically created when DR is created.
- C. Automatically created when SR is initialized.
- D. Manually create external uplink interface and mark it as transit.



**Correct Answer: C**

**Section:**

**Explanation:**

Reference:

<https://blogs.vmware.com/networkvirtualization/2018/01/nsx-t-routing-part-2.html/>

**QUESTION 59**

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 sysloq -e false

**Correct Answer: C**

**Section:**

**Explanation:**

Reference:

[https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.2/nsxt\\_22\\_troubleshoot.pdf](https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.2/nsxt_22_troubleshoot.pdf)

**QUESTION 60**

An NSX administrator is reviewing syslog and notices that Distributed Firewall Rules hit counts are not being logged. What could cause this issue?

- A. Syslog is not configured on the NSX Manager
- B. Distributed Firewall Rule logging is not enabled
- C. Zero Trust Security is not enabled
- D. Syslog is not configured on the ESXi transport node

**Correct Answer: B**

**Section:**

**QUESTION 61**

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

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

**Correct Answer: D**

**Section:**

**QUESTION 62**

Which tool could be used to configure BGP on a Tier-0 Gateway?

- A. PowerShell
- B. API
- C. ESX CLI
- D. NSX CLI

**Correct Answer: D**

**Section:**

**QUESTION 63**

Which Network and Security virtualization solution provides network hybridity and mobility?

- A. VMware HCX
- B. VMware Tanzu Service Mesh
- C. NSX Advanced Load Balancer
- D. NSX Intelligence

**Correct Answer: A**

**Section:**

**QUESTION 64**

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.

**Correct Answer: A, C**

**Section:**

**QUESTION 65**

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

**Correct Answer: C**

**Section:**

**QUESTION 66**

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

**Correct Answer: A**

**Section:**

**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"

**QUESTION 67**

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

**Correct Answer: A**

**Section:**

**Explanation:**

Reference:

<https://vdc-download.vmware.com/vmwb-repository/dcr-public/cc42e3c1-eb34-4567-a916-147e79798957/8264605c-a5e1-49a8-b603-cc78621eeeab/cli.html>



**QUESTION 68**

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

**Correct Answer: B**

**Section:**

**Explanation:**

Reference:

[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)

**QUESTION 69**

An administrator has a requirement to have consistent policy configuration and enforcement across NSXT instances. What feature of NSX-T Data Center fulfills this requirement?

- A. Load balancer
- B. Policy-driven configuration
- C. Multi-hypervisor support
- D. Federation

**Correct Answer: B**

**Section:**

**Explanation:**

NSX-T Data Center provides policy-driven configuration, which allows administrators to have consistent policy configuration and enforcement across multiple NSX-T instances.

