VMware

Exam Questions 2V0-41.20

Professional VMware NSX-T Data Center

NEW QUESTION 1
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

Answer: BD

NEW QUESTION 2
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 3
Refer to the exhibit.

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

Answer: A

NEW QUESTION 4
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. Profile
B. Source
C. Service
D. Policy

Answer: A

NEW QUESTION 5
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 6
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

Answer: D

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

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
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/sysloq/syslog.log

Answer: C

Explanation:
https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/administration/GUID-406AF9C3-E8F7-447A-8E

NEW QUESTION 9
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

NEW QUESTION 10
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 10
Which tool could be used to configure BGP on a Tier-0 Gateway?

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

Answer: D

NEW QUESTION 12
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 16
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 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

Answer: A

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

NEW QUESTION 20
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

Answer: CEF

NEW QUESTION 21
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

Answer: CD

NEW QUESTION 25
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 30
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

Answer: B

NEW QUESTION 35

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

Answer: D

NEW QUESTION 38
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 43
An NSX administrator is planning to deploy a multi-tier routing topology in their NSX-T Data Center environment to provide north-south connectivity for the VMs. Which routing component must be deployed?

A. Tier-1 Gateway
B. Edge Services Gateway
C. Tier-0 Gateway
D. Layer 2 Gateway

Answer: C

NEW QUESTION 47
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

Answer: B

NEW QUESTION 51
Which to 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 53
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 54
What are two supported N-VDS modes? (Choose two.)

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

Answer: DE

Explanation:
https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/installation/GUID-37BC3CEF-DCC1-4C6F-960

NEW QUESTION 57
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.

Answer: C

NEW QUESTION 58
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 62
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 66
Which component does the hyperbus interface (vmk50) provide network connectivity to?

A. containers running on ESXi/KVM transport nodes
B. virtual machines and containers running across transport nodes
C. virtual machines running on the same hypervisor
D. virtual machines running in the same segment

Answer: A

NEW QUESTION 69
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 72
Which discovery protocol is supported for hypervisor transport nodes?

A. Adobe Real-time CDP
B. Neighbor Discovery Protocol
C. Cisco Discovery Protocol
D. Link Layer Discovery Protocol

Answer: D

NEW QUESTION 75

When a stateful service is enabled for the first time on a Tier-0 Gateway, what happens on the NSX Edge node?

A. SR and DR doesn't need to be connected to provide any stateful services.
B. DR is instantiated and automatically connected with SR.
C. SR is instantiated and automatically connected with DR.
D. SR and DR is instantiated but requires manual connection.

Answer: C

NEW QUESTION 77
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:

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 79
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 84
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.

Answer: AE

NEW QUESTION 89
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 92

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

Answer: D

NEW QUESTION 94
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 95
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.

Answer: ABC

NEW QUESTION 96
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 99
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

Answer: A

NEW QUESTION 104
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 105
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

Answer: A

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

NEW QUESTION 110
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