VMware

Exam Questions 2V0-41.20

Professional VMware NSX-T Data Center

NEW QUESTION 1
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 2
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 3
An NSX administrator has configured a load balancer virtual server on a Tier-1 Gateway.
In order to advertise the load balancer virtual IP to the Tier-0 Gateway, which route advertisement configuration has to be done on the Tier-1 Gateway? (Choose two.)

A. Advertise All LB SNAT IP Routes
B. All Static Routes
C. Information
D. Advertise All LB VIP Routes
E. Advertise All NAT Routes

Answer: AD

Explanation:
https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/administration/GUID-EEBA627A-0860-477A-9

NEW QUESTION 4
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

NEW QUESTION 5
Which CLI command is used to disable SSH timeout on NSX Manger and NSX Edge nodes?

A. set cli ssh timeout 0
B. set esxcli ssh session off
C. set cli-timeout 0
D. nsxcli ssh session on

Answer: C

NEW QUESTION 6
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 7
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 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 network tool cloud 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 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 10
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 11
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 12
What are the advantages of using a Tier-0 Gateway in ECMP mode? (Choose two.)

A. stateful services leveraged
B. Failover of services
C. traffic predictability
D. traffic load balancing
E. increased north/south bandwidth

Answer: DE

Explanation:
 From ICM manual:
Equal-cost multipath (ECMP) routing has several features and functions:
• ECMP routing increases the north-south communication bandwidth by combining multiple uplinks.
• ECMP routing performs traffic load balancing.
• ECMP routing provides fault tolerance for failed paths.
• A maximum of eight ECMP paths are supported.
• Hashing is based on 2-tuple IP source and destination addresses.
• ECMP routing is only available on Tier-0 gateways.

NEW QUESTION 15
Where are Distributed Firewall logs containing access decisions stored?

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

Answer: D

Explanation:
https://docs.vmware.com/en/VMware-NSX-Data-Center-for-vSphere/6.4/com.vmware.nsx.logging.doc/GUID-6 https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/administration/GUID-D57429A1-A0A9-42BE-A

NEW QUESTION 18
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 20
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 24
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 26
Which two statements are true for a Tier-1 Gateway? (Choose two.)

A. owned and configured by the Tenant

B. connects to physical networks
C. owned and configured by Service Provider
D. always configured in active-standby mode
E. supports ECMP

Answer: BD

NEW QUESTION 30
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

Answer: A

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 36
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
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 42
What are three NSX Manager roles? (Choose three.)

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

Answer: BDF

NEW QUESTION 46
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 51

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 54
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 58
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 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

Answer: C

NEW QUESTION 60

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 63
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 67
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 69
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 74
Which CLI command is used to start the NSX Manager virtual machine in the KVM environment?

A. virsh start <NSX-Manager-ID>
B. virsh poweron <nsx-manager-ID>
C. virsh start <NSX-Manager-Name>
D. virsh poweron <nsx-manager-name>

Answer: C

NEW QUESTION 75
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