Exam Questions 2V0-41.20

Professional VMware NSX-T Data Center

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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 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 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 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 5
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

Answer: B

NEW QUESTION 6
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 7
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 8
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 9
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

Answer: C

NEW QUESTION 10
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 10
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 14
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 19
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 20
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 25
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 27
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 30
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 34
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.virten.net/2020/06/quick-tip-remove-nsx-t-ssh-and-http-session-timeout/

NEW QUESTION 35
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 40
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 45
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 50
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 52
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

Answer: BC

NEW QUESTION 56
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 59
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 60
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 63
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 66
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 70
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 72
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

NEW QUESTION 76
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 80
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 81
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

Answer: C

NEW QUESTION 84
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 85
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 86
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 89
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 92
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 94
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 99
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 102
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 103
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 108
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 113
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 118
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 122
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