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 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
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.

Answer: C

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
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 6
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 7
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 8
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 9
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 10
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 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 11
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 12
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 17
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 18
Which log is used to see a failed NSX-T installation of a VIB package on ESXi transport nodes?

A. /var/l og/host
B. log
C. /var/log/vmware/eam/eam.log
D. /var/log/esxupdate.log
E. /var/log/syslog.log

Answer: D

NEW QUESTION 23
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 26
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 27
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 29
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 30
When deploying east-west network introspection, which Service Virtual Machine (SVM) deployment method achieves the least amount of traffic hair pinning?

A. Create a secondary vNIC on each quest VM for SVM communication.
B. Place a partner SVM on each compute cluster node.
C. Centralize partner SVMs in a service cluster.
D. Add partner SVMs to an edge cluster.

Answer: B

Explanation:
"For SVMs deployed on compute hosts, an SVM does not need to be installed on every host. Some customers prefer to deploy the partner SVM on each host to achieve the least amount of traffic hairpinning. When the partner SVM is deployed in a service cluster, traffic is sent from the compute hosts across the overlay to the hosts in the service cluster."

NEW 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

Answer: A

NEW QUESTION 37
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 40
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 42
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 44
In a NSX-T Data Center environment, an administrator is observing low throughput and congestion between the Tier-0 Gateway and the upstream physical routers.
Which two actions could address low throughput and congestion? (Choose two.)

A. Deploy Large size Edge node/s.
B. Configure ECMP on the Tier-0 gateway.
C. Configure NAT on the Tier-0 gateway.
D. Add an additional vNIC to the NSX Edge node.
E. Configure a Tier-1 gateway and connect it directly to the physical routers.

Answer: AB

NEW QUESTION 45
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 50
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 55
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 59
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

Answer: AD

NEW QUESTION 61
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 66
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

Answer: B

NEW QUESTION 67
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 68
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 70
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 73
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