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 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 <admin- password> 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-nanager-ip> username admin password <admin-password> thumbprint<nsx-manager-thumbprint>

Answer: D

NEW QUESTION 3
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 4
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.

Answer: BE

NEW QUESTION 5
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:
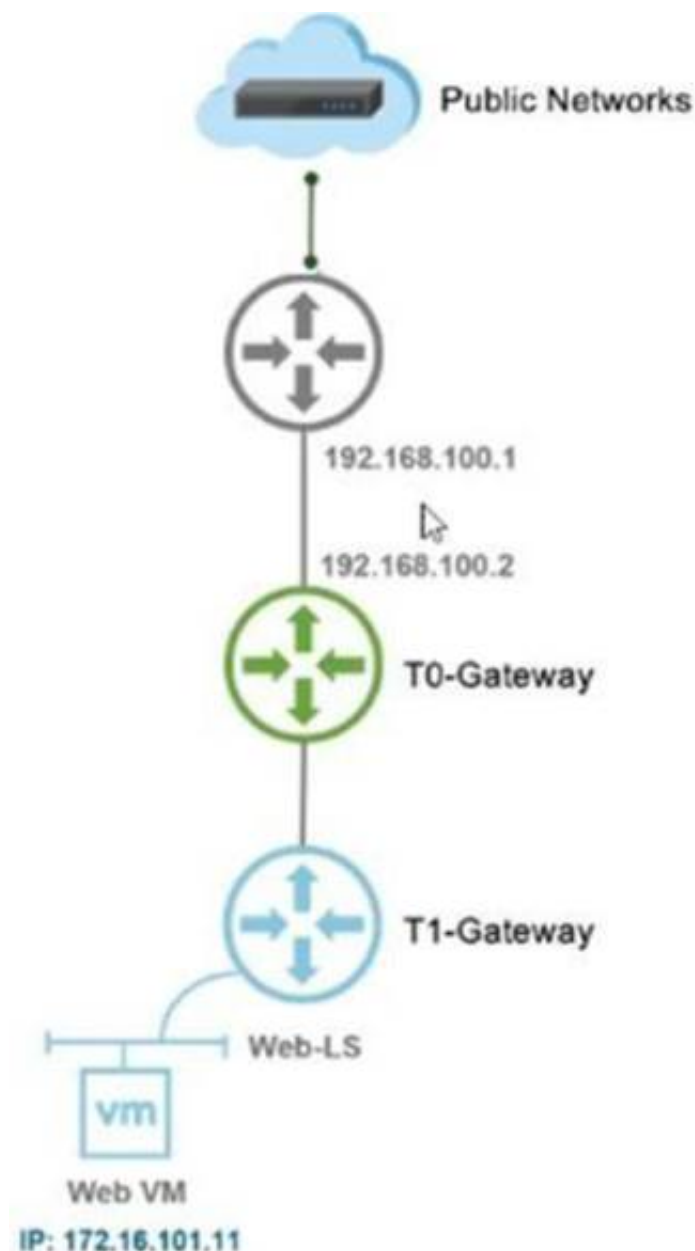VRF Lite is not compatible with the following services:
-VPN
-Load Balancer
Taken from NSX-T ICM 3.0 Lecture Manual.

NEW QUESTION 6
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 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 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 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 10
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 12
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 17
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 22
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 24
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 29
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 33
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 35
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 39
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 44
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 47
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 50
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.

Answer: B

NEW QUESTION 54
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 59
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 62
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 65
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 66
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 67
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 68
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 70
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-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 71
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 73
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 74

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 79
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 80
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 85
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