Vendor: VMware

Exam Code: 2V0-41.20

Exam Name: Professional VMware NSX-T Data Center

Version: DEMO

QUESTION 1
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
Explanation:
The NSX-T Manager appliance shell is configured with a default timeout of 600 seconds . This timeout can be changed from the NSX Manager Command Line Interface. Access the NSX Manager CLI through the console or through SSH. With the following command you can retrieve the current setting of the CLI timeout:
```
get cli-timeout
```

To configure the timeout use the following command:
```
set cli-timeout <seconds>
```

To disable the timeout completely set the timeout to 0:
```
set cli-timeout 0
```


QUESTION 2
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: AD
Explanation:
T1s are generally owned/configure by tenants for their internal networks.
T1s do not connect to a physical network (North-South). This is done via T0s.
https://blogs.vmware.com/networkvirtualization/2018/02/nsx-t-multi-tiered-routing-architecture.html/

QUESTION 3
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: D
Explanation:
With NSX Federation, you can manage multiple NSX-T Data Center environments with a single pane of glass view, create gateways and segments that span one or more locations, and configure and enforce firewall rules consistently across locations.

https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.2/administration/GUID-D5B6DC79-6733-44A7-8072-50221CF2122A.html

QUESTION 4
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
Explanation:
- NSX Data Center is an end-to-end platform for data center networking.
- NSX Cloud extends the data center network into the public cloud, such as VMware Cloud on AWS or Microsoft Azure Cloud. NSX Cloud also provides container or Kubernetes support with VMware Enterprise PKS.
- NSX Intelligence is a distributed analytics solution that provides visibility and dynamic security policy enforcement for NSX-T Data Center environments.
- NSX Distributed IDS/IPS is an advanced threat detection engine purpose-built to detect lateral threat movement on east-west network traffic across multicloud environments.
- NSX Advanced Load Balancer enables you to deliver multicloud application services such as load balancing, application, security, autoscaling, container networking, and web application firewall.
- NSX Service Mesh enables discovery and secure communication of microservices in a heterogeneous infrastructure.
- VMware HCX delivers application and network hybridity and mobility

QUESTION 5
Which log is used to see a failed NSX-T installation of a VIB package on ESXi transport nodes?

A. /var/log/hostd. log
B. /var/log/vmware/eam/eam.log
C. /var/log/esxupdate.log
D. /var/log/syslog.log

Answer: C
Explanation:
/var/log/esxupdate.log is the log where you find errors about failed vibs install.

QUESTION 6
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
Explanation:

To open outbound traffic through the ESXi Firewall on UDP port 514 and on TCP ports 514 and 1514, run the following commands:
esxcli network firewall ruleset set --ruleset-id=syslog --enabled=true

QUESTION 7
Which network tool could 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.
https://docs.vmware.com/es/VMware-vSphere/7.0/com.vmware.vsphere.networking.doc/GUID-30003897-2101-459C-81FA-FCB42313237E.html

QUESTION 8
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
Explanation:
You can configure source and destination NAT on a tier-0 logical router that is running in active-standby mode.
https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.2/administration/GUID-45949ACD-9029-4674-B29C-C2EABEB39E1D.html

QUESTION 9
Which choice 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
Explanation:
"NSX Edge is not supported on KVM."
https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.2/installation/GUID-11417AA2-5EBC-49C7-8A86-EB94604261A6.html

QUESTION 10
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
Explanation:
The audit user is not active by default. To activate it, log in as admin and run the set user audit command and provide a new password.
https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.4/administration/GUID-DB31B304-66A5-4516-9E55-2712D12B4F27.html

QUESTION 11
An NSX administrator is creating a NAT rule on a Tier-0 Gateway configured in active-active high availability mode.

Which NAT rule type is supported for this configuration?

A. Destination NAT
B. 1:1 NAT
C. Reflexive NAT
D. Source NAT

Answer: C
Explanation:
A tier-0 logical router in active-active mode supports reflexive NAT only.
https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/administration/GUID-E9B40B40-D0C4-4CC9-9706-E9C153FF1A6C.html

QUESTION 12
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
Explanation:
Use Traceflow to inspect the path of a packet. Traceflow traces the transport node-level path of a packet. The trace packet traverses the logical switch overlay, but is not visible to interfaces attached to the logical switch. In other words, no packet is actually delivered to the test packet's intended recipients.
https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.0/administration/GUID-C756D1DA-8673-4F94-B616-530DAE04F803.html

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