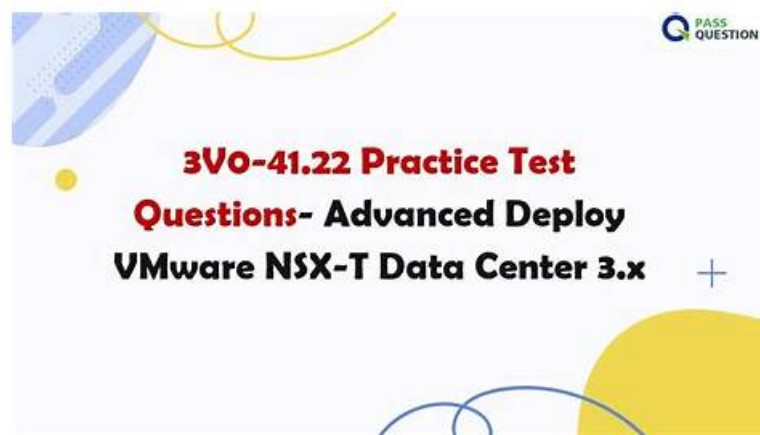


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VMware 3V0-41.22: Advanced Deploy VMware NSX-T Data Center 3.X Exam is a certification exam for IT professionals who want to prove their expertise in deploying and managing VMware NSX-T Data Center 3.X. 3V0-41.22 exam is designed for professionals who have already completed the VMware NSX-T Data Center 3.X: Install, Configure, Manage course and have hands-on experience in deploying and managing NSX-T Data Center.

VMware 3V0-41.22 Certification Exam covers a wide range of topics related to VMware NSX-T Data Center 3.X. These topics include NSX-T architecture, deployment models, design principles, security, networking, automation, and troubleshooting. Candidates who pass 3V0-41.22 exam will be able to demonstrate their ability to design, deploy, and manage VMware NSX-T Data Center 3.X environments and troubleshoot common issues that may arise.

>> Valid 3V0-41.22 Test Vce <<

Actual VMware 3V0-41.22 Practice Test - Quick Test Preparation Tips

What sets PrepAwayTest Advanced Deploy VMware NSX-T Data Center 3.X (3V0-41.22) practice tests (desktop and web-based) apart are their unique features. The 3V0-41.22 web-based practice exam is compatible with all operating systems and it can be taken on popular browsers like Chrome, Firefox, and Safari. The VMware 3V0-41.22 desktop practice exam software is compatible with Windows computers. After validating the product's license, you won't need an active internet connection to use the desktop Advanced Deploy VMware NSX-T Data Center 3.X (3V0-41.22) practice test software.

VMware 3V0-41.22 exam consists of 60 multiple-choice questions and is a proctored exam. 3V0-41.22 exam duration is 120 minutes, and candidates need to score a minimum of 300 points out of 500 to pass the exam. 3V0-41.22 exam is available in English, Japanese, and Chinese, and candidates can register for the exam through Pearson VUE. Passing 3V0-41.22 Exam will provide candidates with the VMware Certified Advanced Professional - Network Virtualization 2021 (VCAP-NV 2021) certification, which is a validation of their advanced skills in deploying and managing VMware NSX-T Data Center 3.X.

VMware Advanced Deploy VMware NSX-T Data Center 3.X Sample Questions (Q12-Q17):

NEW QUESTION # 12

Task 15

You have been asked to enable logging so that the global operations team can view in vRealize Log Insight that their Service Level Agreements are being met for all network traffic that is going in and out of the NSX environment. This NSX environment is an Active / Active two Data Center design utilizing N-VDS with BCP.

You need to ensure successful logging for the production NSX-T environment.

You need to:

Verify via putty with SSH that the administrator can connect to all NSX-Transport Nodes. You will use the credentials identified in Putty (admin).

Verify that there is no current active logging enabled by reviewing that directory is empty `/var/log/syslog`.

Enable NSX Manager Cluster logging

Select multiple configuration choices that could be appropriate success criteria Enable NSX Edge Node logging Validate logs are generated on each selected appliance by reviewing the `/var/log/syslog` Complete the requested task.

Notes: Passwords are contained in the user `_readme.txt`. complete.

These task steps are dependent on one another. This task should take approximately 10 minutes to complete.

Answer:

Explanation:

See the Explanation part of the Complete Solution and step by step instructions.

Explanation

To enable logging for the production NSX-T environment, you need to follow these steps:

Verify via putty with SSH that the administrator can connect to all NSX-Transport Nodes. You can use the credentials identified in Putty (admin) to log in to each transport node. For example, you can use the following command to connect to the `sfo01w01en01` edge transport node: `ssh admin@sfo01w01en01`.

You should see a welcome message and a prompt to enter commands.

Verify that there is no current active logging enabled by reviewing that directory is empty

`/var/log/syslog`. You can use the `ls` command to list the files in the `/var/log/syslog` directory. For example, you can use the following command to check the `sfo01w01en01` edge transport node: `ls`

`/var/log/syslog`. You should see an empty output if there is no active logging enabled.

Enable NSX Manager Cluster logging. You can use the `search_web("NSX Manager Cluster logging configuration")` tool to find some information on how to configure remote logging for NSX Manager Cluster. One of the results is NSX-T Syslog Configuration

Revisited - vDives, which provides the following steps:

Navigate to System > Fabric > Profiles > Node Profiles then select All NSX Nodes then under Syslog Servers click +ADD Enter the IP or FQDN of the syslog server, the Port and Protocol and the desired Log Level then click ADD Select multiple configuration choices that could be appropriate success criteria. You can use the `search_web("NSX-T logging success criteria")` tool to find some information on how to verify and troubleshoot logging for NSX-T. Some of the possible success criteria are:

The syslog server receives log messages from all NSX nodes

The log messages contain relevant information such as timestamp, hostname, facility, severity, message ID, and message content The log messages are formatted and filtered according to the configured settings The log messages are encrypted and authenticated if using secure protocols such as TLS or LI-TLS Enable NSX Edge Node logging. You can use the `search_web("NSX Edge Node logging configuration")` tool to find some information on how to configure remote logging for NSX Edge Node.

One of the results is Configure Remote Logging - VMware Docs, which provides the following steps:

Run the following command to configure a log server and the types of messages to send to the log server. Multiple facilities or message IDs can be specified as a comma delimited list, without spaces.

```
set logging-server <hostname-or-ip-address [:port]> proto <proto> level <level> [facility <facility>]
[messageid <messageid>] [serverca <filename>] [clientca <filename>] [certificate <filename>] [key
<filename>] [structured-data <structured-data>]
```

Validate logs are generated on each selected appliance by reviewing the `/var/log/syslog`. You can use the `cat` or `tail` commands to view the contents of the `/var/log/syslog` file on each appliance. For example, you can use the following command to view the last 10 lines of the `sfo01w01en01` edge transport node: `tail -n 10 /var/log/syslog`. You should see log messages similar to this:

```
2023-04-06T12:34:56+00:00 sfo01w01en01 user.info nsx-edge[1234]: 2023-04-06T12:34:56Z nsx-edge[1234]: INFO:
[nsx@6876 comp="nsx-edge" subcomp="nsx-edge" level="INFO" security="False"] Message from nsx-edge You have
successfully enabled logging for the production NSX-T environment.
```

NEW QUESTION # 13

SIMULATION

Task 16

You are working to automate your NSX-T deployment and an automation engineer would like to retrieve your BOP routing information from the API.

You need to:

* Run the GET call in the API using Postman

* Save output to the desktop to a text file called API.txt

Complete the requested task.

Notes: Passwords are contained in the user_readme.txt. This task is not dependent on another. This task should take approximately 5 minutes to complete.

Answer:

Explanation:

See the Explanation part of the Complete Solution and step by step instructions

Explanation:
To run the GET call in the API using Postman and save the output to the desktop to a text file called API.txt, you need to follow these steps:

Open Postman and create a new request tab. Select GET as the method from the drop-down menu.

Enter the URL of the NSX-T Policy API endpoint for retrieving the BGP routing table, such as `https://<nsx-manager-ip-address>/policy/api/v1/infra/tier-0s/vmc/routing-table?enforcement_point_path=/infra/sites/default/enforcement-points/vmc-enforcementpoint` Click the Authorization tab and select Basic Auth as the type from the drop-down menu. Enter your NSX-T username and password in the Username and Password fields, such as admin and VMware1!.

Click Send to execute the request and view the response in the Body tab. You should see a JSON object with the BGP routing table information, such as routes, next hops, prefixes, etc.

Click Save Response and select Save to a file from the drop-down menu. Enter API.txt as the file name and choose Desktop as the location. Click Save to save the output to your desktop.

You have successfully run the GET call in the API using Postman and saved the output to your desktop to a text file called API.txt.

NEW QUESTION # 14

Task 9

TO prepare for Virtual machine migration from VLAN-backed port groups to an overlay segment in NSX, a test bridge has been configured. The bridge is not functioning, and the -Bridge-VM- is not responding to ICMP requests from the main console.

You need to:

* Troubleshoot the configuration and make necessary changes to restore access to the application.

Complete the requested task.

Notes: Passwords are contained in the user_readme.txt. This task is not dependent on another. This task should take approximately 15 minutes to complete.

Answer:

Explanation:

See the Explanation part of the Complete Solution and step by step instructions.

Explanation

To troubleshoot the bridge configuration and restore access to the application, you need to follow these steps:

Log in to the NSX Manager UI with admin credentials. The default URL is

`https://<nsx-manager-ip-address>`.

Navigate to Networking > Segments and select the overlay segment that is bridged to the VLAN-backed port group. For example, select Web-01 segment that you created in Task 2.

Click Bridge > Set and verify the configuration details of the bridge. Check for any discrepancies or errors in the parameters such as bridge name, bridge ID, VLAN ID, edge node, etc.

If you find any configuration errors, click Edit and modify the parameters accordingly. Click Save to apply the changes.

If you do not find any configuration errors, check the connectivity and firewall rules between the overlay segment and the VLAN-backed port group. You can use ping or traceroute commands from the NSX Edge CLI or the vSphere Web Client to test the connectivity. You can also use show service bridge command to check the status of the bridge service on the NSX Edge.

If you find any connectivity or firewall issues, resolve them by adjusting the network settings or firewall rules on the NSX Edge or the vSphere Distributed Switch.

After resolving the issues, verify that the bridge is functioning and the Bridge-VM is responding to ICMP requests from the main console. You can also check the MAC addresses learned by the bridge on both sides of the network using show service bridge mac command on the NSX Edge CLI.

NEW QUESTION # 15

SIMULATION

Task 11

upon testing the newly configured distributed firewall policy for the Boston application, it has been discovered that the Boston-Web

virtual machines can be "pinged" via ICMP from the main console. Corporate policy does not allow pings to the Boston VMs.

You need to:

* Troubleshoot ICMP traffic and make any necessary changes to the Boston application security policy.

Complete the requested task.

Notes: Passwords are contained in the user_readme.txt. This task is dependent on Task 5.

Answer:

Explanation:

See the Explanation part of the Complete Solution and step by step instructions Explanation:

To troubleshoot ICMP traffic and make any necessary changes to the Boston application security policy, you need to follow these steps:

Log in to the NSX Manager UI with admin credentials. The default URL is <https://<nsx-manager-ip-address>>.

Navigate to Security > Distributed Firewall and select the firewall policy that applies to the Boston application. For example, select Boston-web-Application.

Click Show IPSec Statistics and view the details of the firewall rule hits and logs. You can see which rules are matching the ICMP traffic and which actions are taken by the firewall.

If you find that the ICMP traffic is allowed by a rule that is not intended for it, you can edit the rule and change the action to Drop or Reject. You can also modify the source, destination, or service criteria of the rule to make it more specific or exclude the ICMP traffic.

If you find that the ICMP traffic is not matched by any rule, you can create a new rule and specify the action as Drop or Reject. You can also specify the source, destination, or service criteria of the rule to match only the ICMP traffic from the main console to the Boston web VMs.

After making the changes, click Publish to apply the firewall policy.

Verify that the ICMP traffic is blocked by pinging the Boston web VMs from the main console again. You should see a message saying "Request timed out" or "Destination unreachable".

NEW QUESTION # 16

Task 12

An issue with the Tampa web servers has been reported. You would like to replicate and redirect the web traffic to a network monitoring tool outside Of the NSX-T environment to further analyze the traffic.

You are asked to configure traffic replication to the monitoring software for your Tampa web overlay segments with bi-directional traffic using this detail:

Session Name:	Network-Monitor-01
Network Appliance Name/Group:	NM-01
Direction:	Bi Directional
TCP/IP Stack:	Default
Encapsulation Type:	GRE

Complete the requested configuration.

Notes: Passwords are contained in the user_readme.txt. This task is not dependent on other tasks. This task should take approximately 10 minutes to complete.

Answer:

Explanation:

See the Explanation part of the Complete Solution and step by step instructions.

Explanation

To configure traffic replication to the monitoring software for your Tampa web overlay segments with bi-directional traffic, you need to follow these steps:

Log in to the NSX Manager UI with admin credentials. The default URL is

<https://<nsx-manager-ip-address>>.

Navigate to Networking > Segments and select the Tampa web overlay segment that you want to replicate the traffic from. For example, select Web-01 segment that you created in Task 2.

Click Port Mirroring > Set > Add Session and enter a name and an optional description for the port mirroring session. For example, enter Tampa-Web-Monitoring.

In the Direction section, select Bi-directional as the direction from the drop-down menu. This will replicate both ingress and egress traffic from the source to the destination.

In the Source section, click Set and select the VMs or logical ports that you want to use as the source of the traffic. For example, select Web-VM-01 and Web-VM-02 as the source VMs. Click Apply.

In the Destination section, click Set and select Remote L3 SPAN as the destination type from the drop-down menu. This will allow

You have successfully configured traffic replication to the monitoring software for your Tampa web overlay segments with bi-directional traffic using NSX-T Manager UI.

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