

Fortinet

Exam Questions NSE5_FMG-7.2

Fortinet NSE 5 - FortiManager 7.2



NEW QUESTION 1

- (Exam Topic 1)

Which three settings are the factory default settings on FortiManager? (Choose three.)

- A. Username is admin
- B. Password is fortinet
- C. FortiAnalyzer features are disabled
- D. Reports and Event Monitor panes are enabled
- E. port1 interface IP address is 192.168.1.99/24

Answer: ACE

NEW QUESTION 2

- (Exam Topic 1)

An administrator would like to create an SD-WAN using central management in the Training ADOM.

To create an SD-WAN using central management, which two steps must be completed? (Choose two.)

- A. Specify a gateway address when you create a default SD-WAN static route
- B. Enable SD-WAN central management in the Training ADOM
- C. Configure and install the SD-WAN firewall policy and SD-WAN static route before installing the SD-WANtemplate settings
- D. Remove all the interface references such as routes or policies that will be a part of SD-WAN member interfaces

Answer: BD

Explanation:

Reference:

<https://docs.fortinet.com/document/fortigate/6.0.0/cookbook/676493/removing-existing-configuration-reference>

NEW QUESTION 3

- (Exam Topic 1)

What is the purpose of the Policy Check feature on FortiManager?

- A. To find and provide recommendation to combine multiple separate policy packages into one common policy package
- B. To find and merge duplicate policies in the policy package
- C. To find and provide recommendation for optimizing policies in a policy package
- D. To find and delete disabled firewall policies in the policy package

Answer: C

Explanation:

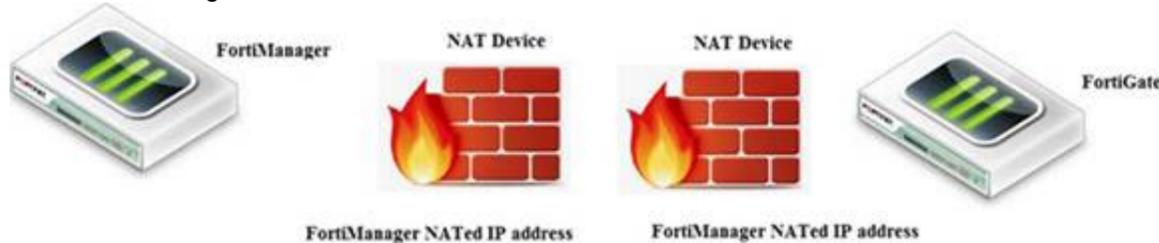
Reference:

https://help.fortinet.com/fmgr/50hlp/56/5-6-2/FortiManager_Admin_Guide/1200_Policy%20and%20Objects/08

NEW QUESTION 4

- (Exam Topic 1)

View the following exhibit.



If both FortiManager and FortiGate are behind the NAT devices, what are the two expected results? (Choose two.)

- A. FortiGate is discovered by FortiManager through the FortiGate NATed IP address.
- B. FortiGate can announce itself to FortiManager only if the FortiManager IP address is configured on FortiGate under central management.
- C. During discovery, the FortiManager NATed IP address is not set by default on FortiGate.
- D. If the FCFM tunnel is torn down, FortiManager will try to re-establish the FGFM tunnel.

Answer: AC

Explanation:

Fortimanager can discover FortiGate through a NATed FortiGate IP address. If a FortiManager NATed IP address is configured on FortiGate, then FortiGate can announce itself to FortiManager. FortiManager will not attempt to re-establish the FGFM tunnel to the FortiGate NATed IP address, if the FGFM tunnel is interrupted. Just like it was in the NATed FortiManager scenario, the FortiManager NATed IP address in this scenario is not configured under FortiGate central management configuration.

NEW QUESTION 5

- (Exam Topic 1)

Refer to the exhibit.

```
FortiManager # diagnose dvm device list
--- There are currently 1 devices/vdoms managed ---

TYPE      OID      SN      HA      IP      NAME      ADOM      IPS      FIRMWARE
fmq/faz   enabled 157     FGVM01.. -    10.200.1.1  Local-FortiGate  My_ADOM  14.00641 (regular) 6.0 MR2 (866)
|- STATUS: dev-db: modified; conf: in sync; cond: pending; dm: retrieved; conn: up
|- vdom:[3]root flags:0 adom:My_ADOM pkg:[imported]Local-FortiGate
```

Which two statements about the output are true? (Choose two.)

- A. The latest revision history for the managed FortiGate does match with the FortiGate running configuration
- B. Configuration changes have been installed to FortiGate and represents FortiGate configuration has been changed
- C. The latest history for the managed FortiGate does not match with the device-level database
- D. Configuration changes directly made on the FortiGate have been automatically updated to device-level database

Answer: AC

Explanation:

STATUS: dev-db: modified; conf: in sync; cond: pending; dm: retrieved; conn: up – dev-db: modified –

This is the device setting status which indicates that configuration changes were made on FortiManager.

– conf: in sync – This is the sync status which shows that the latest revision history is in sync with Fortigate’s configuration.– cond: pending – This is the configuration status which says that configuration changes need to be installed.

Most probably a retrieve was done in the past (dm: retrieved) updating the revision history DB (conf: in sync) and FortiManager device level DB, now there is a new modification on FortiManager device level DB (dev-db: modified) which wasn’t installed to FortiGate (cond: pending), hence; revision history DB is not aware of that modification and doesn’t match device DB.

Conclusion:– Revision DB does match FortiGate.– No changes were installed to FortiGate yet.– Device DB doesn’t match Revision DB.– No changes were done on FortiGate (auto-update) but configuration was retrieved instead

After an Auto-Update or Retrieve:device database = latest revision = FGT

Then after a manual change on FMG end (but no install yet):latest revision = FGT (still) but now device database has been modified (is different).

After reverting to a previous revision in revision history:device database = reverted revision != FGT

NEW QUESTION 6

- (Exam Topic 1)

In the event that the primary FortiManager fails, which of the following actions must be performed to return the FortiManager HA to a working state?

- A. Secondary device with highest priority will automatically be promoted to the primary role, and manually reconfigure all other secondary devices to point to the new primary device
- B. Reboot one of the secondary devices to promote it automatically to the primary role, and reconfigure all other secondary devices to point to the new primary device.
- C. Manually promote one of the secondary devices to the primary role, and reconfigure all other secondary devices to point to the new primary device.
- D. FortiManager HA state transition is transparent to administrators and does not require any reconfiguration.

Answer: C

Explanation:

FortiManager_6.4_Study_Guide-Online – page 346

FortiManager HA doesn’t support IP takeover where an HA state transition is transparent to administrators. If a failure of the primary occurs, the administrator must take corrective action to resolve the problem that may include invoking the state transition. If the primary device fails, the administrator must do the following in order to return the FortiManager HA to a working state:

- * 1. Manually reconfigure one of the secondary devices to become the primary device
- * 2. Reconfigure all other secondary devices to point to the new primary device

NEW QUESTION 7

- (Exam Topic 1)

An administrator run the reload failure command: diagnose test deploymanager reload config <deviceid> on FortiManager. What does this command do?

- A. It downloads the latest configuration from the specified FortiGate and performs a reload operation on the device database.
- B. It installs the latest configuration on the specified FortiGate and update the revision history database.
- C. It compares and provides differences in configuration on FortiManager with the current running configuration of the specified FortiGate.
- D. It installs the provisioning template configuration on the specified FortiGate.

Answer: A

Explanation:

Reference:

<https://community.fortinet.com/t5/FortiManager/Technical-Note-Retrieve-configuration-file-using-CLI-from-a/t>

NEW QUESTION 8

- (Exam Topic 1)

View the following exhibit.

Starting Log (Run the device)

```

Start installing
Local-FortiGate $ config user device
Local-FortiGate (device) $ edit "mydevice"
new entry 'mydevice' added
Local-FortiGate (mydevice) $ next
MAC address can not be 0
Node_check_object fail!for mac 00:00:00:00:00:00
Attribute 'mac' value '00:00:00:00:00:00' checkingfail -33
Command fail. Return code 1
Local-FortiGate (device) $ end
...
Local-FortiGate $ config firewall policy
Local-FortiGate (policy) $ edit 2
New entry '2' added
Local-FortiGate (2) $ set name "Device_policy"
Local-FortiGate (2) $ set uuid 64...
Local-FortiGate (2) $ set srcintf "port3"
Local-FortiGate (2) $ set dstintf "port1"
Local-FortiGate (2) $ set srcaddr "all"
Local-FortiGate (2) $ set dstaddr "all"
Local-FortiGate (2) $ set action accept
Local-FortiGate (2) $ set schedule "always"
Local-FortiGate (2) $ set service "ALL"
Local-FortiGate (2) $ set devices "mydevice"
Entry not found in datasource
Value parse error before 'mydevice'
Command fail. Return code -3
Local-FortiGate (2) $ set nat enable
Local-FortiGate (2) $ next
Local-FortiGate (policy) $ end
...
    
```

Which statement is true regarding this failed installation log?

- A. Policy ID 2 is installed without a source address
- B. Policy ID 2 will not be installed
- C. Policy ID 2 is installed in disabled state
- D. Policy ID 2 is installed without a source device

Answer: D

NEW QUESTION 9

- (Exam Topic 1)

Refer to the exhibits. Exhibit one.

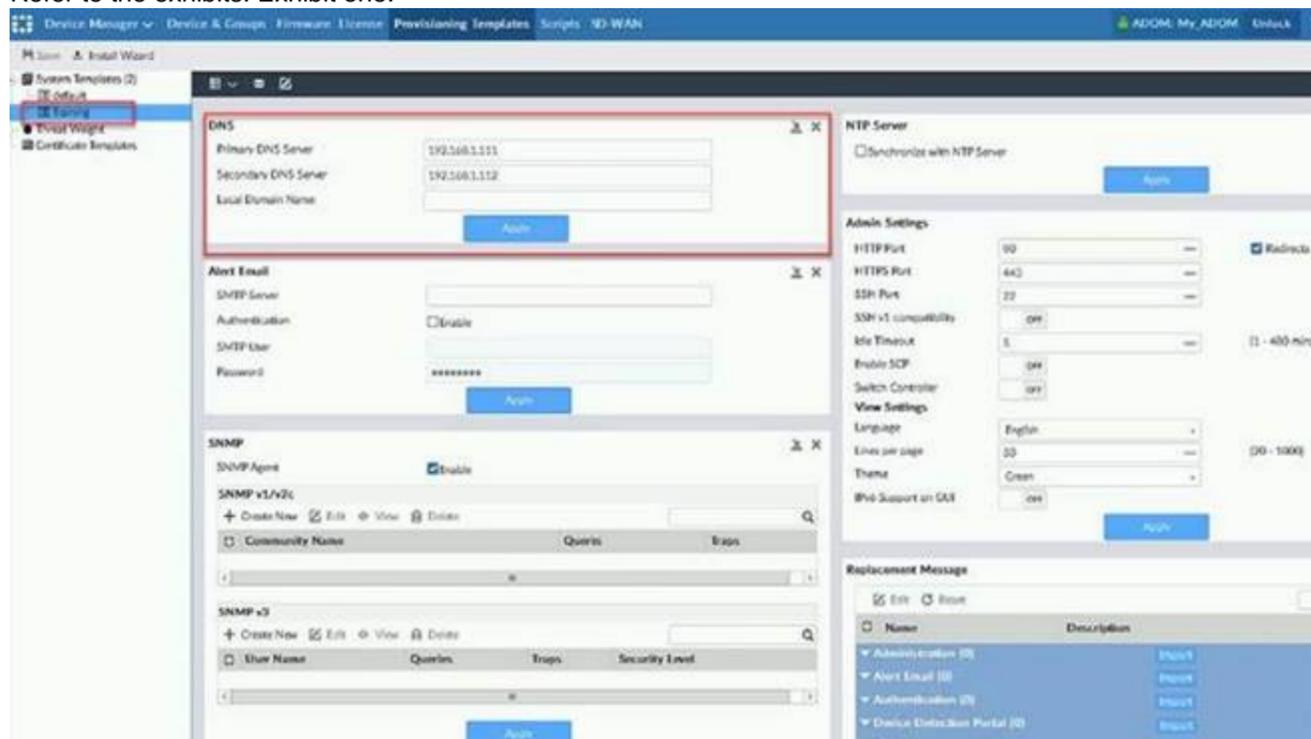
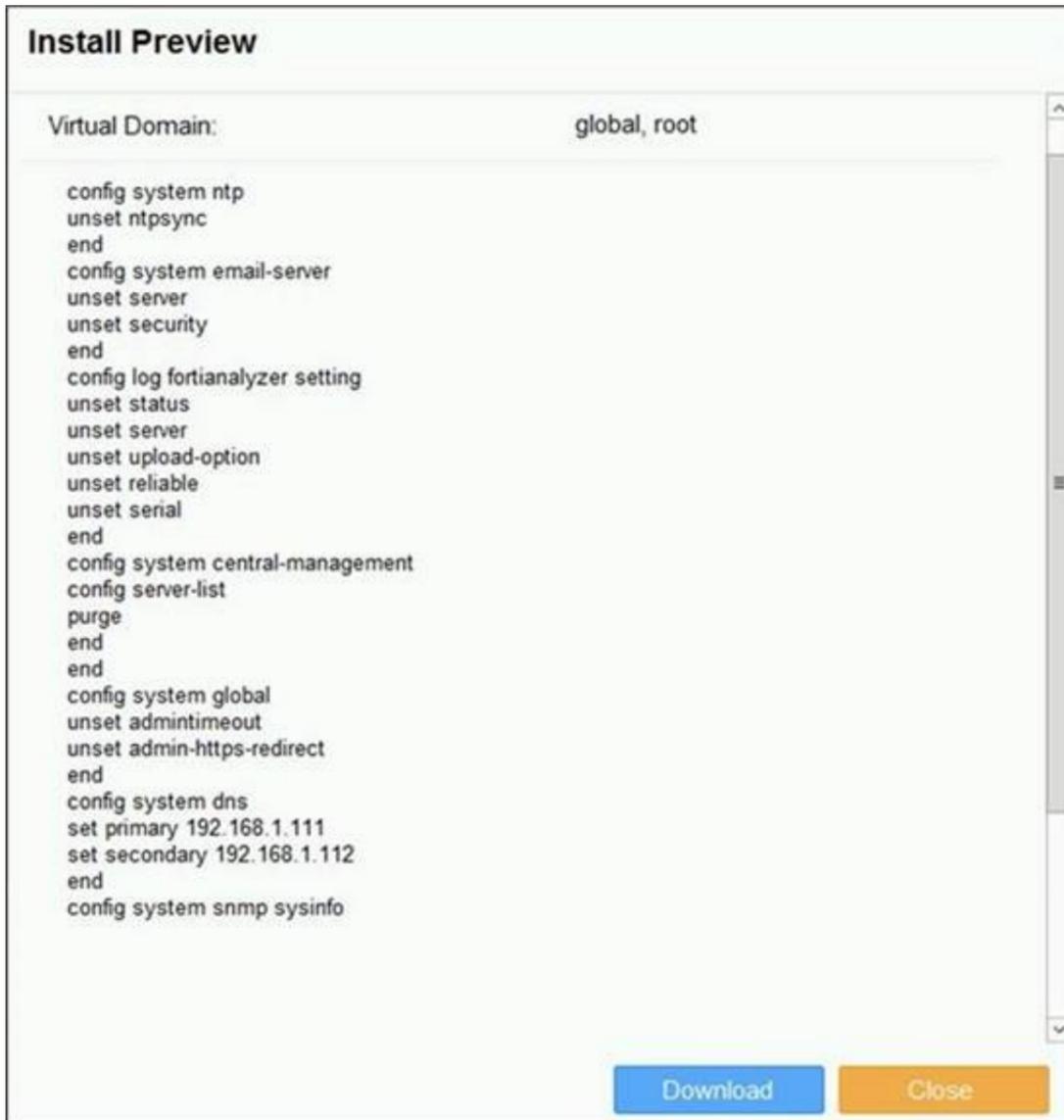


Exhibit two.



An administrator created a new system template named Training with two new DNS addresses on FortiManager. During the installation preview stage, the administrator notices that many unset commands need to be pushed. What can be the main reason for these unset commands?

- A. The DNS addresses in the default system settings are the same as the Training system template
- B. The Training system template has other default settings
- C. The ADOM is locked by another administrator
- D. The Training system template does not have assigned devices

Answer: B

NEW QUESTION 10

- (Exam Topic 1)

Which two conditions trigger FortiManager to create a new revision history? (Choose two.)

- A. When configuration revision is reverted to previous revision in the revision history
- B. When FortiManager installs device-level changes to a managed device
- C. When FortiManager is auto-updated with configuration changes made directly on a managed device
- D. When changes to device-level database is made on FortiManager

Answer: BC

Explanation:

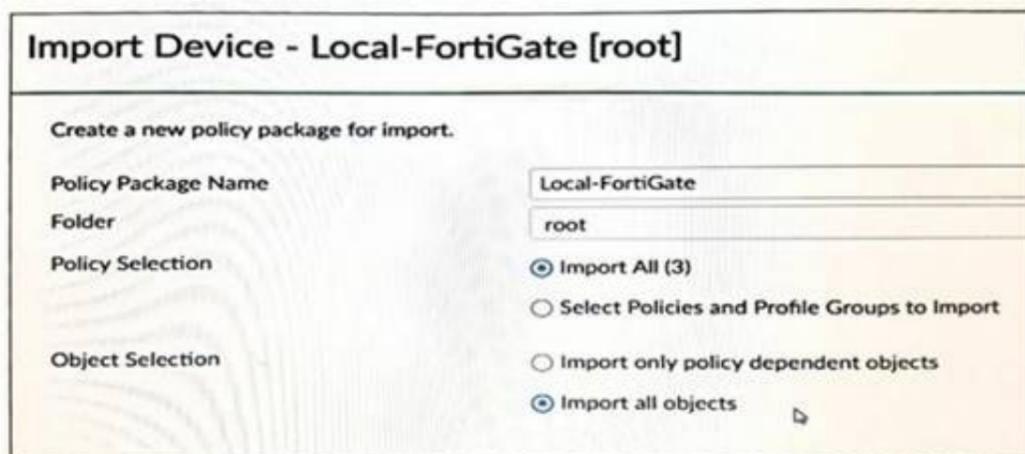
Reference:

https://help.fortinet.com/fmgr/50hlp/56/5-6-1/FortiManager_Admin_Guide/1000_Device%20Manager/1500_M

NEW QUESTION 10

- (Exam Topic 1)

View the following exhibit.



An administrator is importing a new device to FortiManager and has selected the shown options. What will happen if the administrator makes the changes and installs the modified policy package on this managed FortiGate?

- A. The unused objects that are not tied to the firewall policies will be installed on FortiGate
- B. The unused objects that are not tied to the firewall policies will remain as read-only locally on FortiGate
- C. The unused objects that are not tied to the firewall policies locally on FortiGate will be deleted
- D. The unused objects that are not tied to the firewall policies in policy package will be deleted from the FortiManager database

Answer: C

Explanation:

Reference:

<https://community.fortinet.com/t5/FortiManager/Import-all-objects-Versus-Import-only-policy-dependent-objec>

NEW QUESTION 12

- (Exam Topic 1)

Refer to the following exhibit:

```
config system global
set workspace-mode normal
end
```

Which of the following statements are true based on this configuration? (Choose two.)

- A. The same administrator can lock more than one ADOM at the same time
- B. Ungraceful closed sessions will keep the ADOM in a locked state until the administrator session times out
- C. Unlocking an ADOM will submit configuration changes automatically to the approval administrator
- D. Unlocking an ADOM will install configuration automatically on managed devices

Answer: AB

Explanation:

Reference: http://help.fortinet.com/fmgr/cli/5-6-2/Document/0800_AD0Ms/200_Configuring+.htm

NEW QUESTION 13

- (Exam Topic 1)

An administrator wants to delete an address object that is currently referenced in a firewall policy. What can the administrator expect to happen?

- A. FortiManager will not allow the administrator to delete a referenced address object
- B. FortiManager will disable the status of the referenced firewall policy
- C. FortiManager will replace the deleted address object with the none address object in the referenced firewall policy
- D. FortiManager will replace the deleted address object with all address object in the referenced firewall policy

Answer: C

Explanation:

Reference:

https://help.fortinet.com/fmgr/50hlp/56/5-6-2/FortiManager_Admin_Guide/1200_Policy%20and%20Objects/12

NEW QUESTION 15

- (Exam Topic 1)

Which two settings must be configured for SD-WAN Central Management? (Choose two.)

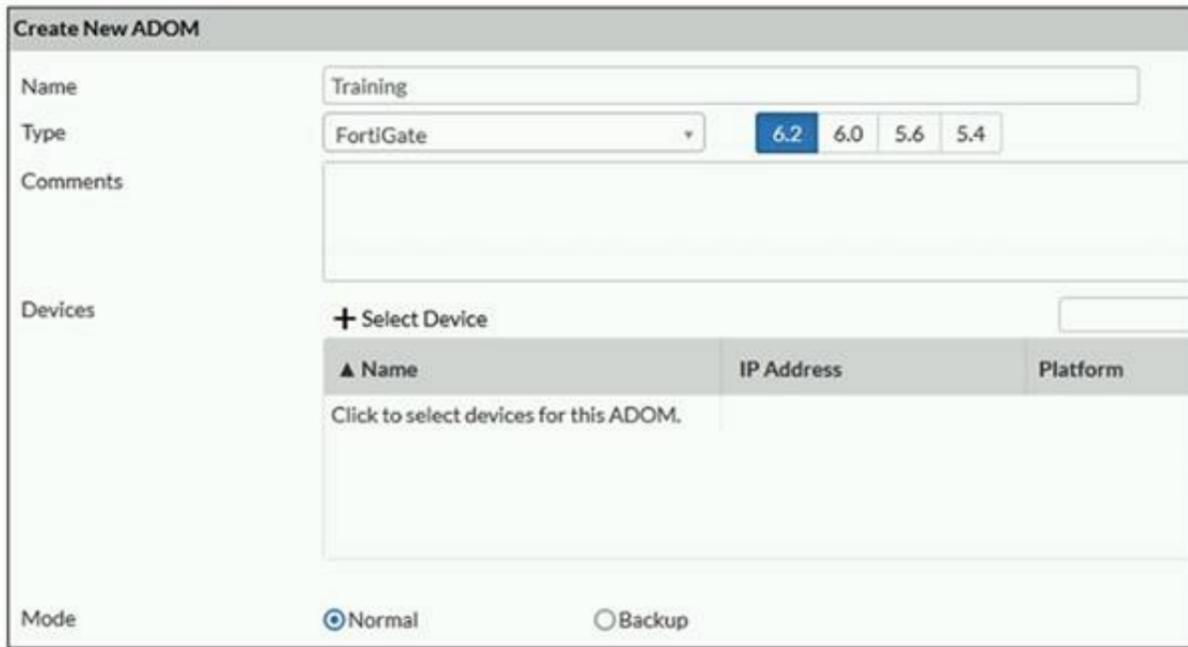
- A. SD-WAN must be enabled on per-ADOM basis
- B. You can create multiple SD-WAN interfaces per VDOM
- C. When you configure an SD-WAN, you must specify at least two member interfaces.
- D. The first step in creating an SD-WAN using FortiManager is to create two SD-WAN firewall policies.

Answer: AC

NEW QUESTION 17

- (Exam Topic 2)

Refer to the exhibit.



Create New ADOM

Name: Training

Type: FortiGate (6.2, 6.0, 5.6, 5.4)

Comments:

Devices: + Select Device

Name	IP Address	Platform
Click to select devices for this ADOM.		

Mode: Normal Backup

Which two statements about an ADOM set in Normal mode on FortiManager are true? (Choose two.)

- A. It supports the FortiManager script feature
- B. It allows making configuration changes for managed devices on FortiManager panes
- C. FortiManager automatically installs the configuration difference in revisions on the managed FortiGate
- D. You cannot assign the same ADOM to multiple administrators

Answer: AB

Explanation:

"FortiGate units in the ADOM will query their own configuration every 5 seconds. If there has been a configuration change, the FortiGate unit will send a diff revision on the change to the FortiManager using the FGFM protocol."

NEW QUESTION 19

- (Exam Topic 2)

An administrator has enabled Service Access on FortiManager.

What is the purpose of Service Access on the FortiManager interface?

- A. Allows FortiManager to download IPS packages
- B. Allows FortiManager to respond to request for FortiGuard services from FortiGate devices
- C. Allows FortiManager to run real-time debugs on the managed devices
- D. Allows FortiManager to automatically configure a default route

Answer: B

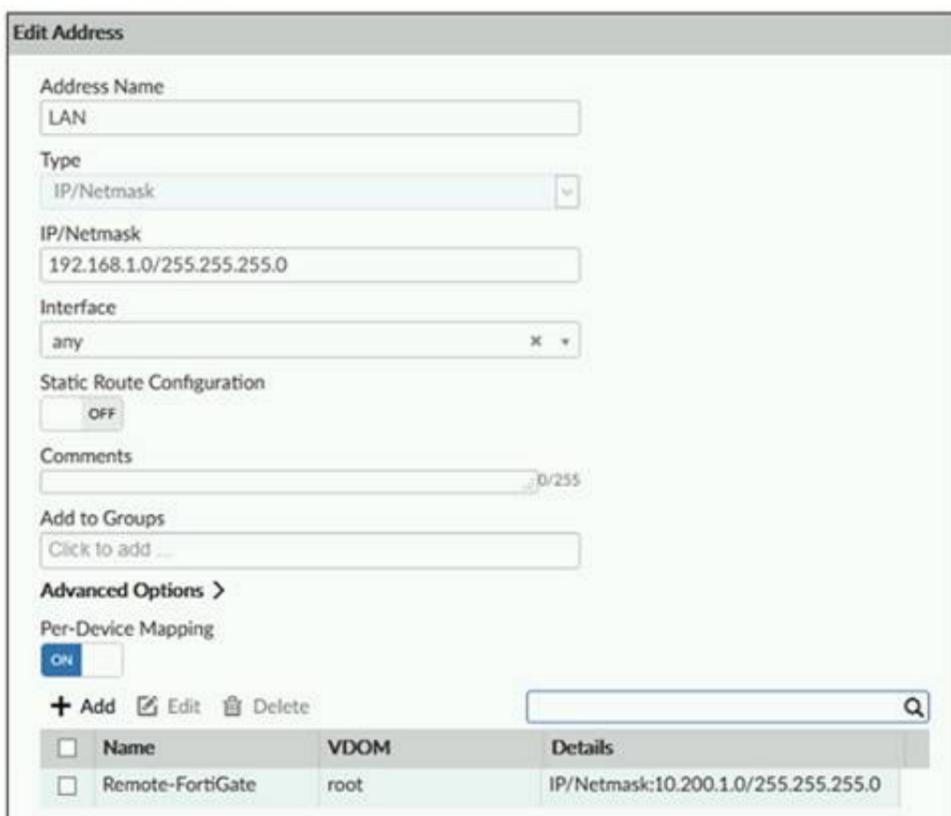
Explanation:

FortiManager 6.2 Study guide page 350

NEW QUESTION 23

- (Exam Topic 2)

Refer to the exhibit.



Edit Address

Address Name: LAN

Type: IP/Netmask

IP/Netmask: 192.168.1.0/255.255.255.0

Interface: any

Static Route Configuration: OFF

Comments:

Add to Groups: Click to add ...

Advanced Options >

Per-Device Mapping: ON

Name	VDOM	Details
<input type="checkbox"/> Remote-FortiGate	root	IP/Netmask:10.200.1.0/255.255.255.0

An administrator has created a firewall address object, Training which is used in the Local-FortiGate policy package.

When the installation operation is performed, which IP/Netmask will be installed on the Local-FortiGate, for the Training firewall address object?

- A. 192.168.0.1/24

- B. 10.200.1.0/24
- C. It will create a firewall address group on Local-FortiGate with 192.168.0.1/24 and 10.0.1.0/24 object values.
- D. Local-FortiGate will automatically choose an IP/Netmask based on its network interface settings.

Answer: A

NEW QUESTION 24

- (Exam Topic 2)

Refer to the exhibit.

Which two statements are true if the script is executed using the Device Database option? (Choose two.)

- A. You must install these changes using the Install Wizard to a managed device
- B. The successful execution of a script on the Device Database will create a new revision history
- C. The script history will show successful installation of the script on the remote FortiGate
- D. The Device Settings Status will be tagged as Modified

Answer: AD

NEW QUESTION 25

- (Exam Topic 2)

Refer to the exhibit.

```
config system dm
set rollback-allow-reboot enable
end
```

An administrator has configured the command shown in the exhibit on FortiManager. A configuration change has been installed from FortiManager to the managed FortiGate that causes the FGFM tunnel to go down for more than 15 minutes. What is the purpose of this command?

- A. It allows FortiGate to unset central management settings.
- B. It allows FortiGate to reboot and recover the previous configuration from its configuration file.
- C. It allows the FortiManager to revert and install a previous configuration revision on the managed FortiGate.
- D. It allows FortiGate to reboot and restore a previously working firmware image.

Answer: B

Explanation:

Reference:

<https://docs.fortinet.com/document/fortimanager/6.2.0/fortigate-fortimanager-communicationsprotocol-guide/14>

NEW QUESTION 30

- (Exam Topic 2)

An administrator's PC crashes before the administrator can submit a workflow session for approval. After the PC is restarted, the administrator notices that the ADOM was locked from the session before the crash. How can the administrator unlock the ADOM?

- A. Restore the configuration from a previous backup.
- B. Log in as Super_User in order to unlock the ADOM.
- C. Log in using the same administrator account to unlock the ADOM.
- D. Delete the previous admin session manually through the FortiManager GUI or CLI.

Answer: D

NEW QUESTION 35

- (Exam Topic 3)

An administrator has added all the devices in a Security Fabric group to FortiManager. How does the administrator identify the root FortiGate?

- A. By a dollar symbol (\$) at the end of the device name
- B. By an at symbol (@) at the end of the device name
- C. By a QUESTION NO: mark(?) at the end of the device name
- D. By an Asterisk (*) at the end of the device name

Answer: D

NEW QUESTION 38

- (Exam Topic 3)

What does the diagnose dvm check-integrity command do? (Choose two.)

- A. Internally upgrades existing ADOMs to the same ADON version in order to clean up and correct the ADOM syntax
- B. Verifies and corrects unregistered, registered, and deleted device states
- C. Verifies and corrects database schemas in all object tables
- D. Verifies and corrects duplicate VDOM entries

Answer: BD

Explanation:

* 6.2 Study Guide page 305 verify and correct parts of the device manager databases, including:– inconsistent device-to-group and group-to-ADOM memberships– unregistered, registered, and deleted device states– device lock statuses– duplicate VDOM entries

NEW QUESTION 39

- (Exam Topic 3)

Which of the following statements are true regarding schedule backup of FortiManager? (Choose two.)

- A. Backs up all devices and the FortiGuard database.
- B. Does not back up firmware images saved on FortiManager
- C. Supports FTP, SCP, and SFTP
- D. Can be configured from the CLI and GUI

Answer: BC

NEW QUESTION 44

- (Exam Topic 3)

Which of the following statements are true regarding VPN Manager? (Choose three.)

- A. VPN Manager must be enabled on a per ADOM basis.
- B. VPN Manager automatically adds newly-registered devices to a VPN community.
- C. VPN Manager can install common IPsec VPN settings on multiple FortiGate devices at the same time.
- D. Common IPsec settings need to be configured only once in a VPN Community for all managed gateways.
- E. VPN Manager automatically creates all the necessary firewall policies for traffic to be tunneled by IPsec.

Answer: ACD

NEW QUESTION 48

- (Exam Topic 3)

In addition to the default ADOMs, an administrator has created a new ADOM named Training for FortiGate devices. The administrator authorized the FortiGate device on FortiManager using the Fortinet Security Fabric.

Given the administrator's actions, which statement correctly describes the expected result?

- A. The FortiManager administrator must add the authorized device to the Training ADOM using the Add Device wizard only.
- B. The authorized FortiGate will be automatically added to the Training ADOM.
- C. The authorized FortiGate will appear in the root ADOM.
- D. The authorized FortiGate can be added to the Training ADOM using FortiGate Fabric Connectors.

Answer: C

NEW QUESTION 53

- (Exam Topic 3)

View the following exhibit.

Edit Address

Address Name

Type

IP/Network

Interface

Static Route Configuration
 OFF

Comments
 0/255

Add to Groups

Advanced Options >

Per-Device Mapping
 ON

+ Add Edit Delete

Name	VDOM	Details
<input type="checkbox"/> Local-FortiGate	root	IP/Netmask10.0.10/255.255.255.0

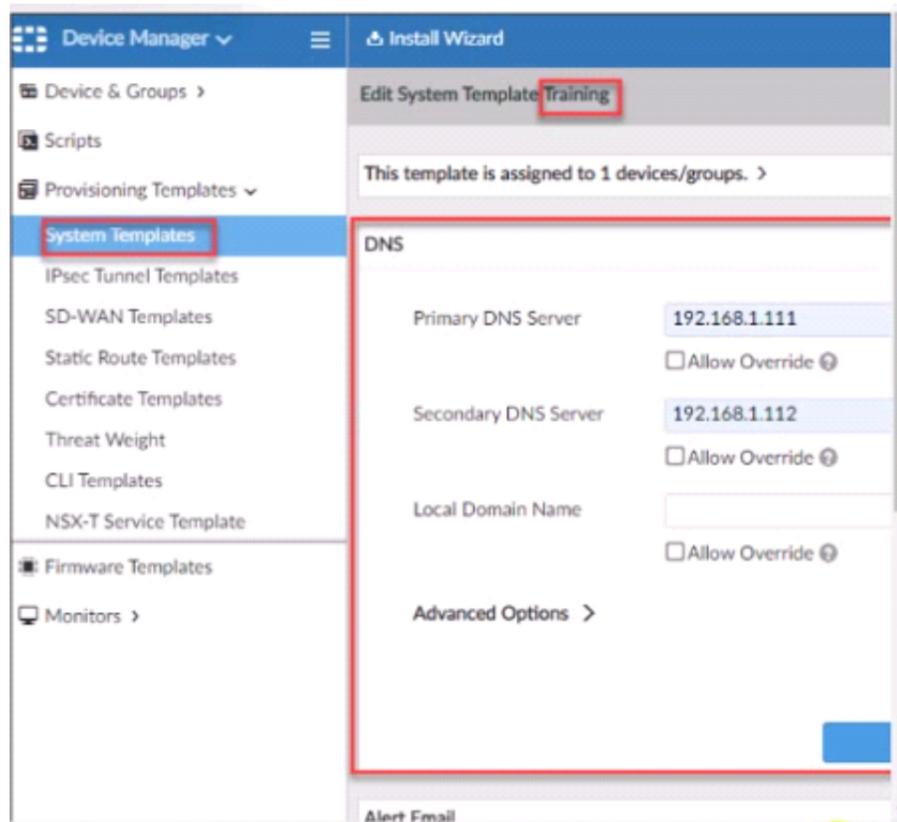
An administrator has created a firewall address object, Training, which is used in the Local-FortiGate policy package. When the install operation is performed, which IP Netmask will be installed on the Local-FortiGate, for the Training firewall address object?

- A. 10.0.1.0/24
- B. It will create firewall address group on Local-FortiGate with 192.168.0.1/24 and 10.0.1.0/24 object values
- C. 192.168.0.1/24
- D. Local-FortiGate will automatically choose an IP Network based on its network interface settings.

Answer: A

NEW QUESTION 57

- (Exam Topic 3)
 Refer to the exhibit.



According to the error message why is FortiManager failing to add the FortiAnalyzer device?

- A. The administrator must turn off the Use Legacy Device login and add the FortiAnaJyzer device to the same network as Forti-Manager
- B. The administrator must select the Forti-Manager administrative access checkbox on the FortiAnalyzer management interface
- C. The administrator must use the Add Model Device section and discover the FortiAnaJyzer device
- D. The administrator must use the correct user name and password of the FortiAnalyzer device

Answer: C

NEW QUESTION 58

- (Exam Topic 3)
 An administrator would like to authorize a newly-installed AP using AP Manager. What steps does the administrator need to perform to authorize an AP?

- A. Authorize the new AP using AP Manager and wait until the change is updated on the FortiA
- B. Changes to the AP's state do not require installation.
- C. Changes to the AP's state must be performed directly on the managed FortiGate.

- D. Authorize the new AP using AP Manager and install the policy package changes on the managed FortiGate.
- E. Authorize the new AP using AP Manager and install the device level settings on the managed FortiGate.

Answer: D

NEW QUESTION 62

- (Exam Topic 3)

Which two settings are required for FortiManager Management Extension Applications (MEA)? (Choose two.)

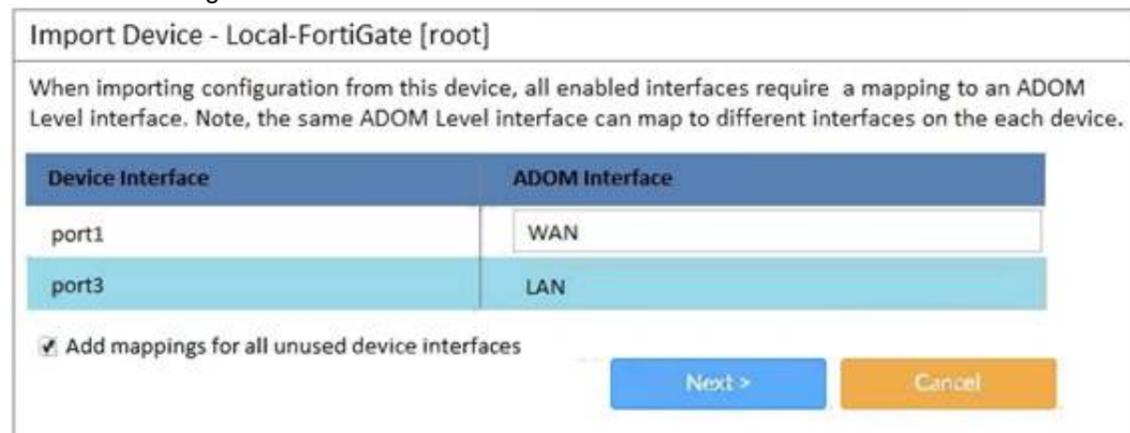
- A. When you configure MEA, you must open TCP or UDP port 540.
- B. You must open the ports to the Fortinet registry
- C. You must create a MEA special policy on FortiManager using the super user profile
- D. The administrator must have the super user profile.

Answer: CD

NEW QUESTION 63

- (Exam Topic 3)

View the following exhibit:



An administrator used the value shown in the exhibit when importing a Local-FortiGate into FortiManager. What name will be used to display the firewall policy for port1?

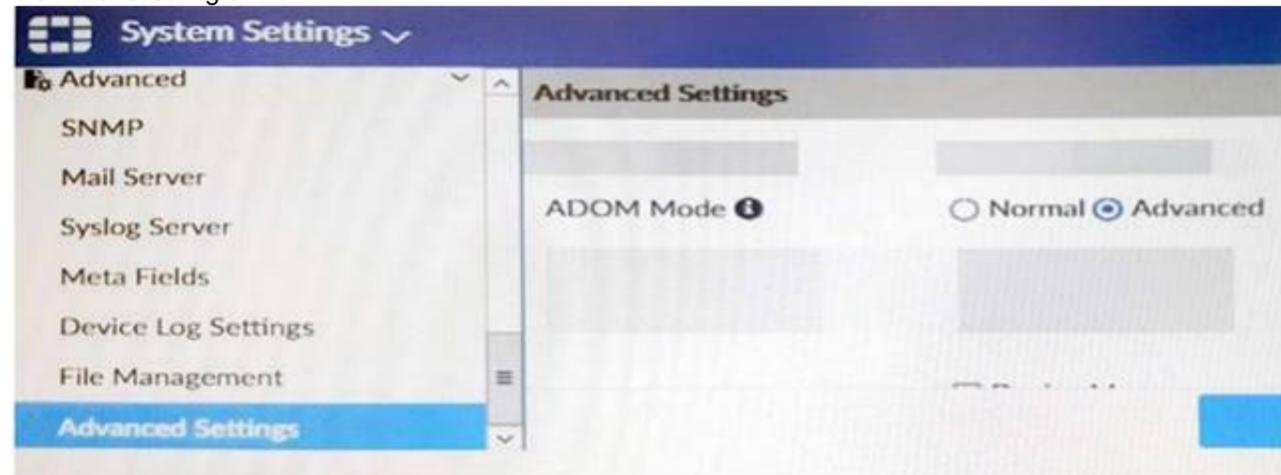
- A. port1 on FortiGate and WAN on FortiManager
- B. port1 on both FortiGate and FortiManager
- C. WAN zone on FortiGate and WAN zone on FortiManager
- D. WAN zone on FortiGate and WAN interface on FortiManager

Answer: A

NEW QUESTION 66

- (Exam Topic 3)

View the following exhibit.



Which of the following statements are true based on this configuration setting? (Choose two.)

- A. This setting will enable the ADOMs feature on FortiManager.
- B. This setting is applied globally to all ADOMs.
- C. This setting will allow assigning different VDOMs from the same FortiGate to different ADOMs.
- D. This setting will allow automatic updates to the policy package configuration for a managed device.

Answer: BC

NEW QUESTION 67

- (Exam Topic 3)

What will happen if FortiAnalyzer features are enabled on FortiManager?

- A. FortiManager will keep all the logs and reports on the FortiManager.
- B. FortiManager will enable ADOMs to collect logs automatically from non-FortiGate devices.
- C. FortiManager will install the logging configuration to the managed devices
- D. FortiManager can be used only as a logging device.

Answer: C

NEW QUESTION 69

- (Exam Topic 3)

Refer to the exhibit.

```
Start to import config from device(Local-FortiGate) vdom(root) to
adom(My_ADOM), package(Local-FortiGate_root)

"firewall service category",SKIPPED,"(name=General, oid=697, DUPLICATE)"

"firewall address",SUCCESS,"(name=LOCAL_SUBNET, oid=684, new object)"

"firewall service custom",SUCCESS,"(name=ALL, oid=863, update previous
object)"

"firewall policy",SUCCESS,"(name=1, oid=1090, new object)"
```

Given the configuration shown in the exhibit, how did FortiManager handle the service category named General?

- A. FortiManager ignored the firewall service category General but created a new service category in its database.
- B. FortiManager ignored the firewall service category general and deleted the duplicate value In Its database
- C. FortiManager ignored the firewall service category General and updated the FortiGate duplicate value in the FortiGate database.
- D. FortiManager ignored the firewall service category General and did not update Its database with the value

Answer: C

NEW QUESTION 72

- (Exam Topic 3)

View the following exhibit.

```
Start to import config from device(Local-FortiGate) vdom(root) to adom(My_ADOM), package(Local-
Fortigate_root)

"firewall service category",SKIPPED,"(name=General,oid=697, DUPLICATE)"

"firewall address", SUCCESS,"(name=LOCAL_SUBNET,oid=684,new object)"

"firewall service custom",SUCCESS,"(name=ALL,oid=863,update previous object)"

"firewall policy",SUCCESS,"(name=1,oid-1090, new object)"
```

Which one of the following statements is true regarding the object named ALL?

- A. FortiManager updated the object ALL using FortiGate's value in its database
- B. FortiManager updated the object ALL using FortiManager's value in its database
- C. FortiManager created the object ALL as a unique entity in its database, which can be only used by this managed FortiGate.
- D. FortiManager installed the object ALL with the updated value.

Answer: A

NEW QUESTION 76

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