



Fortinet

Exam Questions NSE5_FMG-7.0

Fortinet NSE 5 - FortiManager 7.0

NEW QUESTION 1

- (Topic 1)

View the following exhibit, which shows the Download Import Report:

```
Start to import config from devices(Remote-FortiGate) vdom (root)to adom (MyADOM),  
Package(Remote-FortiGate)  
"firewall address", SUCCESS,"(name=REMOTE_SUBNET,oid=580, new object)"  
"firewall policy",SUCCESS,"(name=1, oid=990,new object)"  
"firewall policy",FAIL,"(name=ID:2(#2), oid=991, reason=interface(interface binding  
Contradiction.detail:any<-port6)binding fail)"
```

Why it is failing to import firewall policy ID 2?

- A. The address object used in policy ID 2 already exist in ADON database with any as interface association and conflicts with address object interface association locally on the FortiGate
- B. Policy ID 2 is configured from interface any to port6 FortiManager rejects to import this policy because any interface does not exist on FortiManager
- C. Policy ID 2 does not have ADOM Interface mapping configured on FortiManager
- D. Policy ID 2 for this managed FortiGate already exists on FortiManager in policy package named Remote-FortiGate.

Answer: A

Explanation:

FortiManager_6.4_Study_Guide-Online – page 331 & 332

NEW QUESTION 2

- (Topic 1)

View the following exhibit.

Import Device - Local-FortiGate [root]

Create a new policy package for import.

| | |
|---------------------|--|
| Policy Package Name | <input type="text" value="Local-FortiGate"/> |
| Folder | <input type="text" value="root"/> |
| Policy Selection | <input checked="" type="radio"/> Import All(3) <input type="radio"/> Select Policies and Profile Groups to Import |
| Object Selection | <input type="radio"/> Import only policy dependent objects <input checked="" type="radio"/> Import all objects |

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 theFortiManager database

Answer: C

Explanation:

Reference: <https://community.fortinet.com/t5/FortiManager/Import-all-objects-Versus-Import-only-policy-dependent-objects/ta-p/193259?externalID=FD40392>

NEW QUESTION 3

- (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 4

- (Topic 1)

Refer to the exhibit.

```
Start to import config from device(Local-FortiGate) vdom(root) to
adam(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 statement about the object named ALL is true?

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

Answer: A

NEW QUESTION 5

- (Topic 1)

What are two outcomes of ADOM revisions? (Choose two.)

- A. ADOM revisions can significantly increase the size of the configuration backups.
- B. ADOM revisions can save the current size of the whole ADOM
- C. ADOM revisions can create System Checkpoints for the FortiManager configuration
- D. ADOM revisions can save the current state of all policy packages and objects for an ADOM

Answer: AD

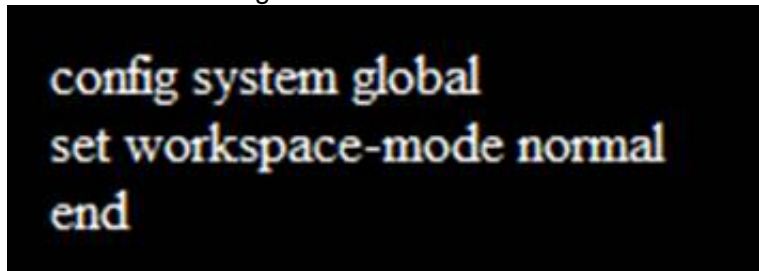
Explanation:

Reference: <https://docs2.fortinet.com/document/fortimanager/6.0.0/best-practices/101837/adom-revisions>

NEW QUESTION 6

- (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_ADOMs/200_Configuring+.htm

NEW QUESTION 7

- (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/0800_Managing%20policy%20packages/2400_Perform%20a%20policy%20consistency%20check.htm

NEW QUESTION 8

- (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/ta-p/191000?externalID=FD36387>

NEW QUESTION 9

- (Topic 1)

View the following exhibit:

Create New CLI Script

Script Name

Config

Comments

Write a comment

0/255

Type

CLI Script

Run Script on

Remote FortiGate Directly(via CLI)

[View Sample Script]

Script Detail

```
config vpn ipsec phase1-interface
edit "H25_0"
set auto-discovery-sender enable
next
end
config system interface
edit "H25_0"
set vdom "root"
set ip 172.16.1.1 255.255.255.255
set remote-ip 172.16.1.254
next
end
config router bgp
set as 65100
set router-id 172.16.1.1
config neighbor-group
```

Advanced Device Filters

Which two statements are true if the script is executed using the Remote FortiGate Directly (via CLI) option? (Choose two.)

- A. You must install these changes using Install Wizard
- B. FortiGate will auto-update the FortiManager’s device-level database.
- C. FortiManager will create a new revision history.
- D. FortiManager provides a preview of CLI commands before executing this script on a managed FortiGate.

Answer: BC

NEW QUESTION 10

- (Topic 1)
View the following exhibit:

```
#diagnose fmupdate view-serverlist fds
Fortiguard Server Comm: Enabled
Server Override Mode: Loose
FDS server list :
Index Address          Port    TimeZone  Distance  Source
- - - - -
*0   10.0.1.50             8890    -5        0         CLI
1    96.45.33.89           443     -5        0         FDNI
2    96.45.32.81           443     -5        0         FDNI
....
38  fds1.fortinet.com     443     -5        0         DEFAULT
```

How will FortiManager try to get updates for antivirus and IPS?

- A. From the list of configured override servers with ability to fall back to public FDN servers
- B. From the configured override server list only
- C. From the default server fds1.fortinet.com
- D. From public FDNI server with highest index number only

Answer: A

Explanation:
Reference: <https://community.fortinet.com/t5/Fortinet-Forum/Clarification-of-FortiManager-s-quot-Server-Override-Mode-quot/td-p/89973>

NEW QUESTION 10

- (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 12

- (Topic 1)

An administrator with the Super_User profile is unable to log in to FortiManager because of an authentication failure message. Which troubleshooting step should you take to resolve the issue?

- A. Make sure FortiManager Access is enabled in the administrator profile
- B. Make sure Offline Mode is disabled
- C. Make sure the administrator IP address is part of the trusted hosts.
- D. Make sure ADOMs are enabled and the administrator has access to the Global ADOM

Answer: C

Explanation:

Even if a user entered the correct userid/password, the FMG denies access if a user is logging in from an untrusted source IP subnets.
Reference: <https://docs.fortinet.com/document/fortimanager/6.0.3/administration-guide/107347/trusted-hosts>

NEW QUESTION 15

- (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_Manage_device_configs/0600_Manage%20config%20rev%20history.htm

NEW QUESTION 18

- (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
fmgr/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 21

- (Topic 2)

Refer to the exhibit.

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

Given the configuration shown in the exhibit, which two statements are true? (Choose two.)

- A. It allows two or more administrators to make configuration changes at the same time, in the same ADOM.
- B. It disables concurrent read-write access to an ADOM.
- C. It allows the same administrator to lock more than one ADOM at the same time.
- D. It is used to validate administrator login attempts through external servers.

Answer: BC

Explanation:

Reference: <https://docs.fortinet.com/document/fortimanager/6.0.4/administration-guide/86456/concurrentadom-access>

NEW QUESTION 23

- (Topic 2)

An administrator is replacing a device on FortiManager by running the following command: execute device replace sn <devname> <serialnum>. What device name and serial number must the administrator use?

- A. Device name and serial number of the original device.
- B. Device name and serial number of the replacement device.
- C. Device name of the replacement device and serial number of the original device.
- D. Device name of the original device and serial number of the replacement device.

Answer: D

NEW QUESTION 27

- (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

+ Add

Edit

Delete

| | 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 30

- (Topic 2)

An administrator configures a new firewall policy on FortiManager and has not yet pushed the changes to the managed FortiGate. In which database will the configuration be saved?

- A. Device-level database
- B. Revision history database
- C. ADOM-level database
- D. Configuration-level database

Answer: C

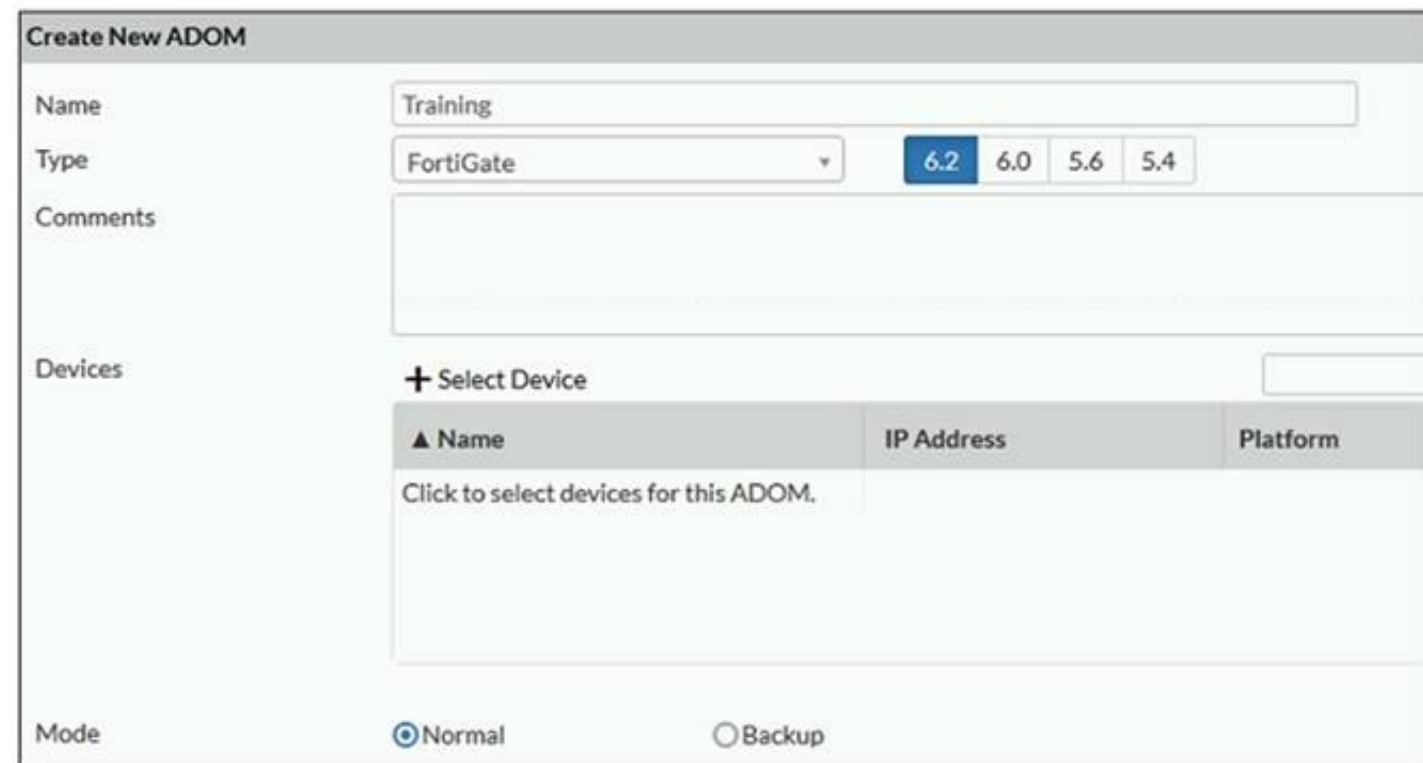
Explanation:

<https://kb.fortinet.com/kb/documentLink.do?externalID=FD47942>

NEW QUESTION 32

- (Topic 2)

Refer to the exhibit.



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 33

- (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 38

- (Topic 2)

What does a policy package status of Conflict indicate?

- A. The policy package reports inconsistencies and conflicts during a Policy Consistency Check.
- B. The policy package does not have a FortiGate as the installation target.
- C. The policy package configuration has been changed on both FortiManager and the managed device independently.
- D. The policy configuration has never been imported after a device was registered on FortiManager.

Answer: C

NEW QUESTION 42

- (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 43

- (Topic 2)

What is the purpose of ADOM revisions?

- A. To create System Checkpoints for the FortiManager configuration.
- B. To save the current state of the whole ADOM.
- C. To save the current state of all policy packages and objects for an ADOM.
- D. To revert individual policy packages and device-level settings for a managed FortiGate by reverting to a specific ADOM revision

Answer: C

Explanation:

Fortimanager 6.4 Study guide page 198

NEW QUESTION 46

- (Topic 3)

Which of the following statements are true regarding reverting to previous revision version from the revision history? (Choose two.)

- A. To push these changes to a managed device, it required an install operation to the managed FortiGate.
- B. Reverting to a previous revision history will generate a new version ID and remove all other historyversions.
- C. Reverting to a previous revision history will tag the device settings status as Auto- Update.
- D. It will modify device-level database

Answer: AD

NEW QUESTION 50

- (Topic 3)

An administrator has assigned a global policy package to custom ADOM1. Then the administrator creates a new policy package Fortinet in the custom ADOM1. What will happen to the Fortinet policy package when it is created?

- A. You need to assign the global policy package from the global ADOM
- B. You need to reapply the global policy package to the ADOM
- C. it automatically assigns the global policies
- D. You can select the option to assign the global policies

Answer: C

NEW QUESTION 53

- (Topic 3)

View the following exhibit:

Import Device - Local-FortiGate [root]

When importing configuration from this device, all enabled interfaces require a mapping to an ADOM Level interface. Note, the same ADOM Level interface can map to different interfaces on the each device.

| Device Interface | ADOM Interface |
|------------------|----------------|
| port1 | WAN |
| port3 | LAN |

☒ Add mappings for all unused device interfaces

Next >
Cancel

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 55

- (Topic 3)

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

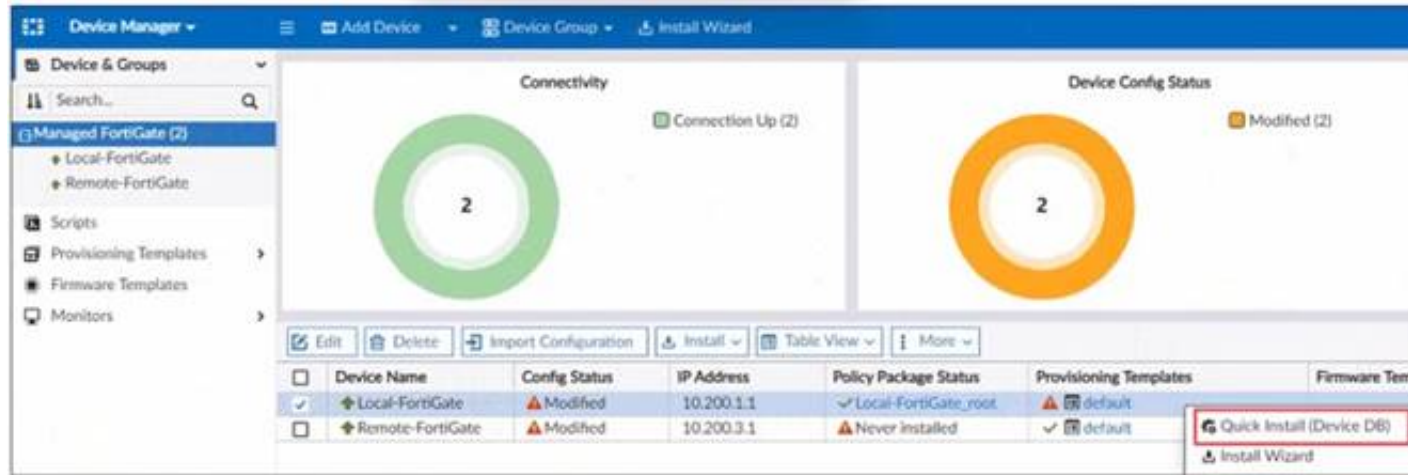
- A. By a dollar symbol (\$) at the end of the device name
- B. By an at symbol (@) at the end of the device name
- C. By a QUESTION NO: mark(?) at the end of the device name
- D. By an Asterisk (*) at the end of the device name

Answer: D

NEW QUESTION 60

- (Topic 3)

Refer to the exhibit.



You are using the Quick install option to install configuration changes on the managed FortiGate

Which two statements correctly describe the result? (Choose two)

- A. It installs device-level changes on the FortiGate device without launching the Install Wizard
- B. It installs all the changes in the device database first and the administrator must reinstall the changes on the FortiGate device
- C. It provides the option to preview only the policy package changes before installing them
- D. It install provisioning template changes on the FortiGate device

Answer: AD

NEW QUESTION 64

- (Topic 3)

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

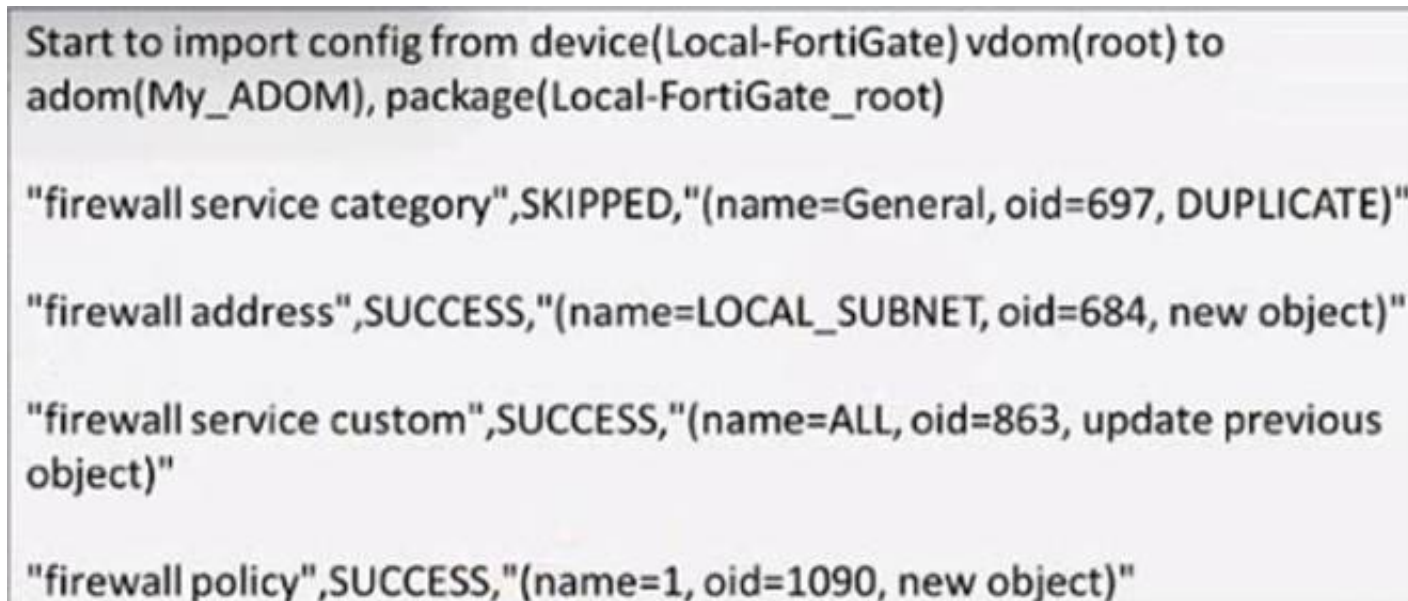
- A. When you configure MEA, you must open TCP or UDP port 540.
- B. You must open the ports to the Fortinet registry
- C. You must create a MEA special policy on FortiManager using the super user profile
- D. The administrator must have the super user profile.

Answer: CD

NEW QUESTION 67

- (Topic 3)

Refer to the exhibit.



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 68

- (Topic 3)

An administrator is in the process of moving the system template profile between ADOMs by running the following command:
execute improfile import-profile ADOM2 3547 /tmp/myfile Where does the administrator import the file from?

- A. File system
- B. ADOM1
- C. ADOM2 object database
- D. ADOM2

Answer: C

NEW QUESTION 71

- (Topic 3)

Push updates are failing on a FortiGate device that is located behind a NAT device Which two settings should the administrator check? (Choose two.)

- A. That the virtual IP address and correct ports are set on the NAT device
- B. That the NAT device IP address and correct ports are configured on FortiManager
- C. That the external IP address on the NAT device is set to DHCP and configured with the virtual IP
- D. That the override server IP address is set on FortiManager and the NAT device

Answer: BC

NEW QUESTION 72

- (Topic 3)

Which of the following statements are true regarding VPN Gateway configuration in VPN Manager? (Choose two.)

- A. Managed gateways are devices managed by FortiManager in the same ADOM
- B. External gateways are third-party VPN gateway devices only
- C. Protected subnets are the subnets behind the device that you don't want to allow access to over the IPsecVPN
- D. Managed devices in other ADOMs must be treated as external gateways

Answer: AD

Explanation:

Reference: http://help.fortinet.com/fmgr/50hlp/56/5-6-1/FMG-FAZ/1300_VPN_Manager/0800_IPsec_VPN_Gateway/0400_Create_mngd_gateway.htm

NEW QUESTION 77

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