



## **Fortinet**

### **Exam Questions NSE5\_FMG-7.0**

Fortinet NSE 5 - FortiManager 7.0

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**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)

View the following exhibit.

The exhibit shows three screenshots from the FortiManager web interface:

- Top Screenshot:** Shows the 'Device Manager' section with 'Device & Groups' selected. It displays '4 Devices Total' and a list of device groups: Local-FortiGate, Remote-FortiGate, root [NAT] (Management), Student[NAT], and Trainer [NAT]. A red box highlights 'Managed FortiGate devices'.
- Middle Screenshot:** Shows the 'Policy Packages' section with 'Object Configuration' selected. It displays a list of installation targets: Installation Target, Remote-FortiGate, root [NAT][Management], Student[NAT], and Local-PortiGate. A red box highlights 'Installation targets'.
- Bottom Screenshot:** Shows the 'Policy Packages' section with 'Interface Pair View' selected. It displays a table with columns: Seq.#, Install On, Name, From, and To. A red box highlights 'Policy Package'.

Seq.#	Install On	Name	From	To
1	Remote-FortiGate(Student)	Ping_Access	port3	port1
2	Local-FortiGate(root)	Web	port3	port1
3	Installation Targets	Source_Device	port3	port1

Given the configurations shown in the exhibit, what can you conclude from the installation targets in the Install On column?

- A. The Install On column value represents successful installation on the managed devices
- B. Policy seq#3 will be installed on all managed devices and VDOMs that are listed under Installation Targets
- C. Policy seq#3 will be installed on the Trainer[NAT] VDOM only
- D. Policy seq#3 will be not installed on any managed device

**Answer:** B

**NEW QUESTION 3**

- (Exam Topic 1)

View the following exhibit:

**Create New CLI Script**

Script Name	Config
Comments	Write a comment <span style="float: right;">0/255</span>
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 4**

- (Exam 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

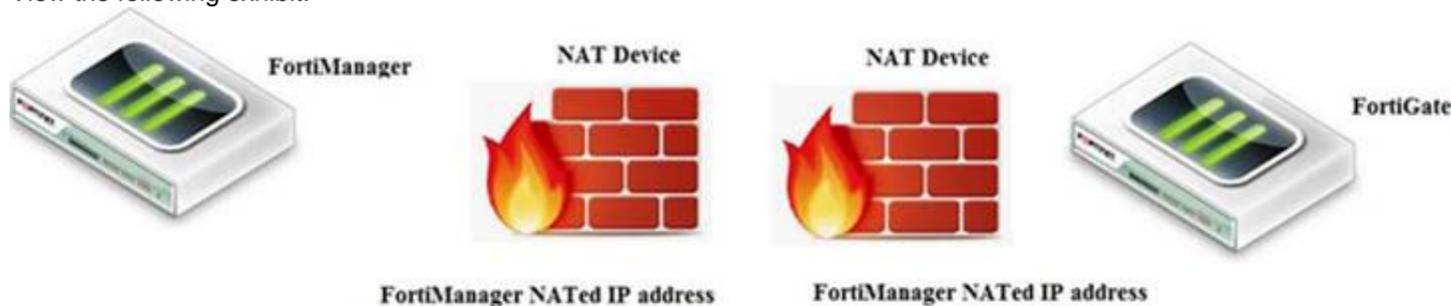
**Explanation:**

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 5**

- (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 6**

- (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 7**

- (Exam 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

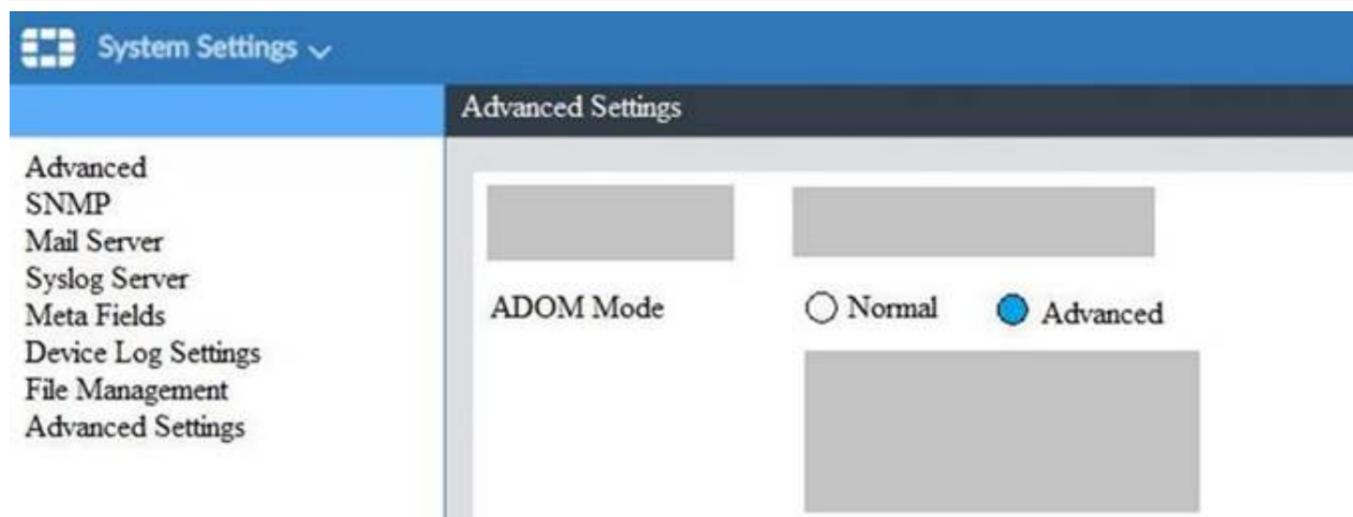
**Explanation:**

FortiManager\_6.4\_Study\_Guide-Online – page 331 & 332

**NEW QUESTION 8**

- (Exam Topic 1)

View the following exhibit.



What is the purpose of setting ADOM Mode to Advanced?

- A. The setting allows automatic updates to the policy package configuration for a managed device
- B. The setting enables the ADOMs feature on FortiManager
- C. This setting allows you to assign different VDOMs from the same FortiGate to different ADOMs.
- D. The setting disables concurrent ADOM access and adds ADOM locking

**Answer: C**

**Explanation:**

Reference:

<https://docs.fortinet.com/document/fortianalyzer/7.0.0/administration-guide/66530/adom-device-modes>

**NEW QUESTION 9**

- (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:**

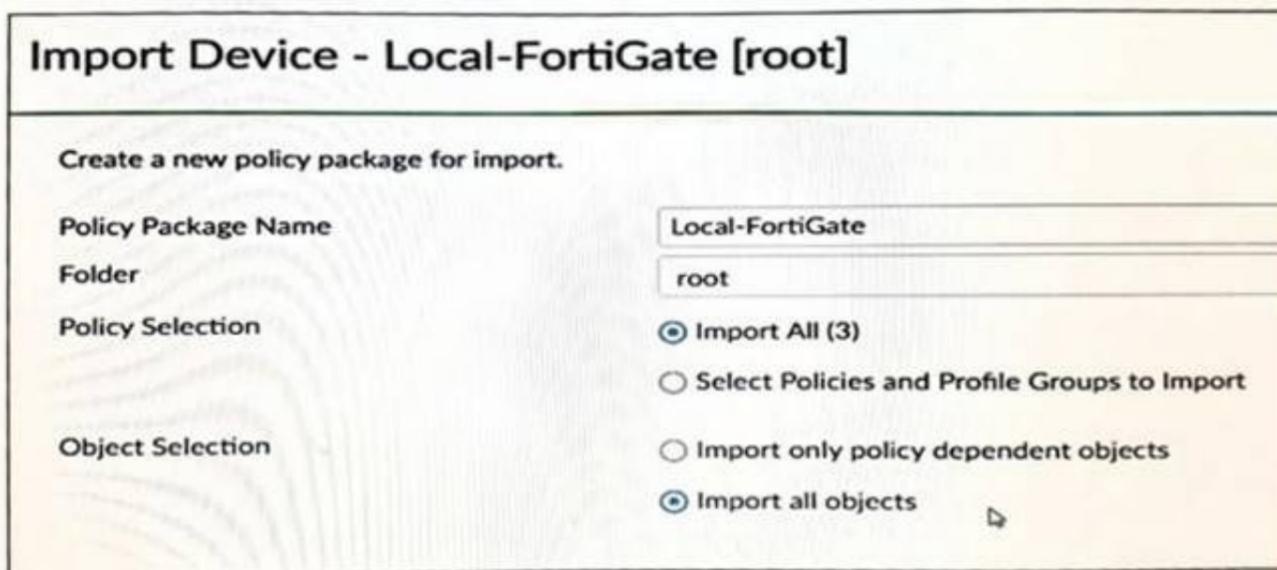
Reference:

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

**NEW QUESTION 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 10**

- (Exam Topic 1)

What will happen if FortiAnalyzer features are enabled on FortiManager?

- A. FortiManager will reboot
- B. FortiManager will send the logging configuration to the managed devices so the managed devices will start sending logs to FortiManager
- C. FortiManager will enable ADOMs automatically to collect logs from non-FortiGate devices
- D. FortiManager can be used only as a logging device.

**Answer:** A

**Explanation:**

Reference:

[https://help.fortinet.com/fmgr/50hlp/56/5-6-1/FortiManager\\_Admin\\_Guide/1800\\_FAZ%20Features/0200\\_Enab](https://help.fortinet.com/fmgr/50hlp/56/5-6-1/FortiManager_Admin_Guide/1800_FAZ%20Features/0200_Enab)

**NEW QUESTION 11**

- (Exam Topic 1)

When an installation is performed from FortiManager, what is the recovery logic used between FortiManager and FortiGate for an FGFM tunnel?

- A. After 15 minutes, FortiGate will unset all CLI commands that were part of the installation that caused the tunnel to go down.
- B. FortiManager will revert and install a previous configuration revision on the managed FortiGate.
- C. FortiGate will reject the CLI commands that will cause the tunnel to go down.
- D. FortiManager will not push the CLI commands as a part of the installation that will cause the tunnel to go down.

**Answer:** A

**Explanation:**

The configuration change will break the fgfm connection, causing the FortiGate unit to attempt to reconnect for 900 seconds. If the FortiGate cannot reconnect, it will rollback to its previous configuration.

**NEW QUESTION 15**

- (Exam Topic 1)

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

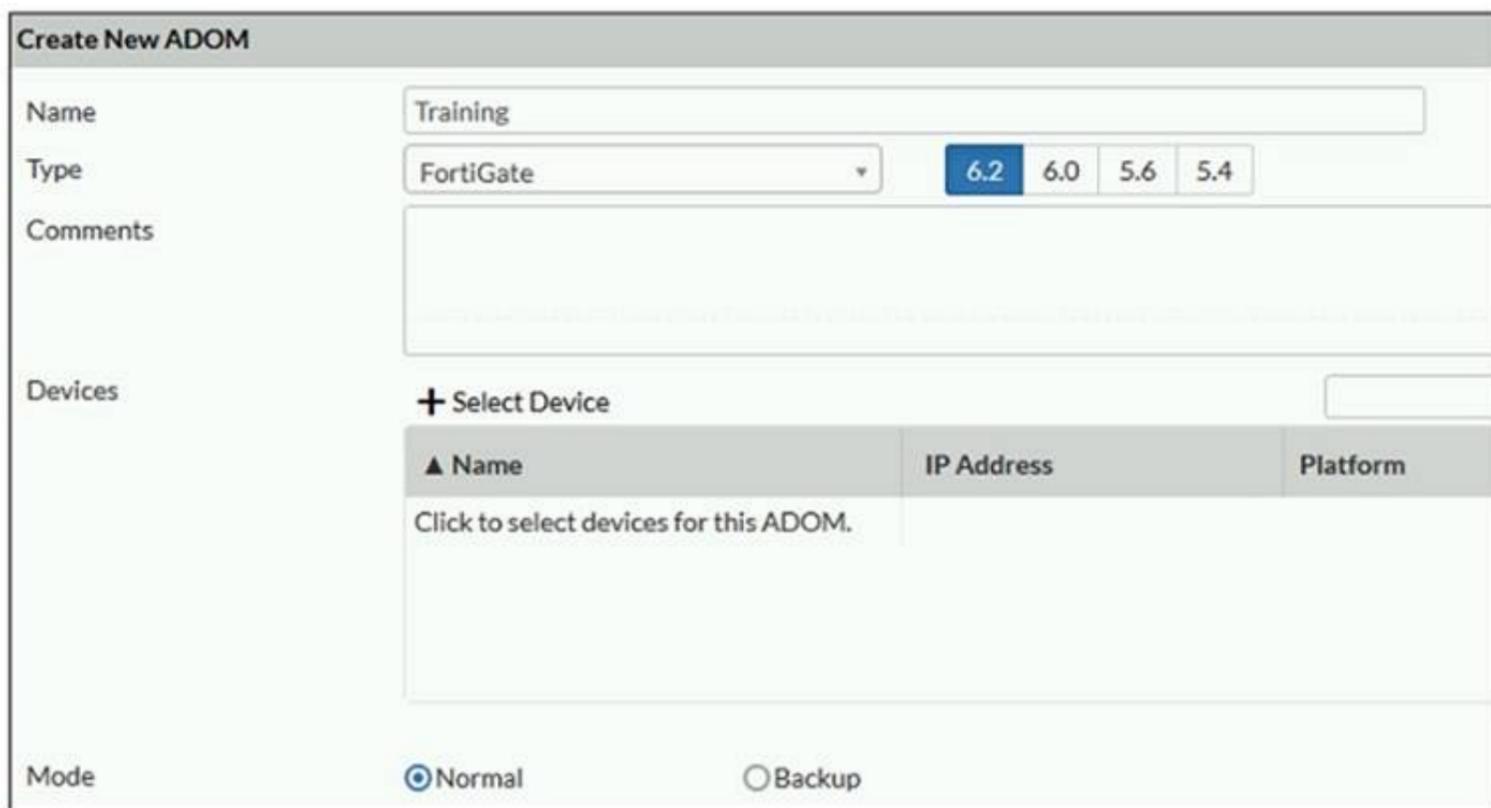
- A. SD-WAN must be enabled on per-ADOM basis
- B. You can create multiple SD-WAN interfaces per VDOM
- C. When you configure an SD-WAN, you must specify at least two member interfaces.
- D. The first step in creating an SD-WAN using FortiManager is to create two SD-WAN firewall policies.

**Answer:** AC

**NEW QUESTION 16**

- (Exam Topic 2)

Refer to the exhibit.



The screenshot shows the 'Create New ADOM' configuration page in FortiManager. The 'Name' field is set to 'Training'. The 'Type' is set to 'FortiGate', with version options 6.2, 6.0, 5.6, and 5.4. The 'Comments' field is empty. The 'Devices' section has a '+ Select Device' button and a table with columns 'Name', 'IP Address', and 'Platform'. The table contains the text 'Click to select devices for this ADOM.' The 'Mode' is set to 'Normal' (radio button selected) and 'Backup' (radio button unselected).

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 17

- (Exam Topic 2)

Which two items are included in the FortiManager backup? (Choose two.)

- A. FortiGuard database
- B. Global database
- C. Logs
- D. All devices

**Answer:** BD

#### Explanation:

Reference: <https://kb.fortinet.com/kb/viewContent.do?externalId=FD34549>

#### NEW QUESTION 21

- (Exam Topic 2)

What will be the result of reverting to a previous revision version in the revision history?

- A. It will install configuration changes to managed device automatically
- B. It will tag the device settings status as Auto-Update
- C. It will generate a new version ID and remove all other revision history versions
- D. It will modify the device-level database

**Answer:** D

#### NEW QUESTION 22

- (Exam 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 26

- (Exam 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 27

- (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 31**

- (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 33**

- (Exam 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 IPsec VPN
- 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](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 37**

- (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 40**

- (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 45**

- (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 47**

- (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 48**

- (Exam 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?

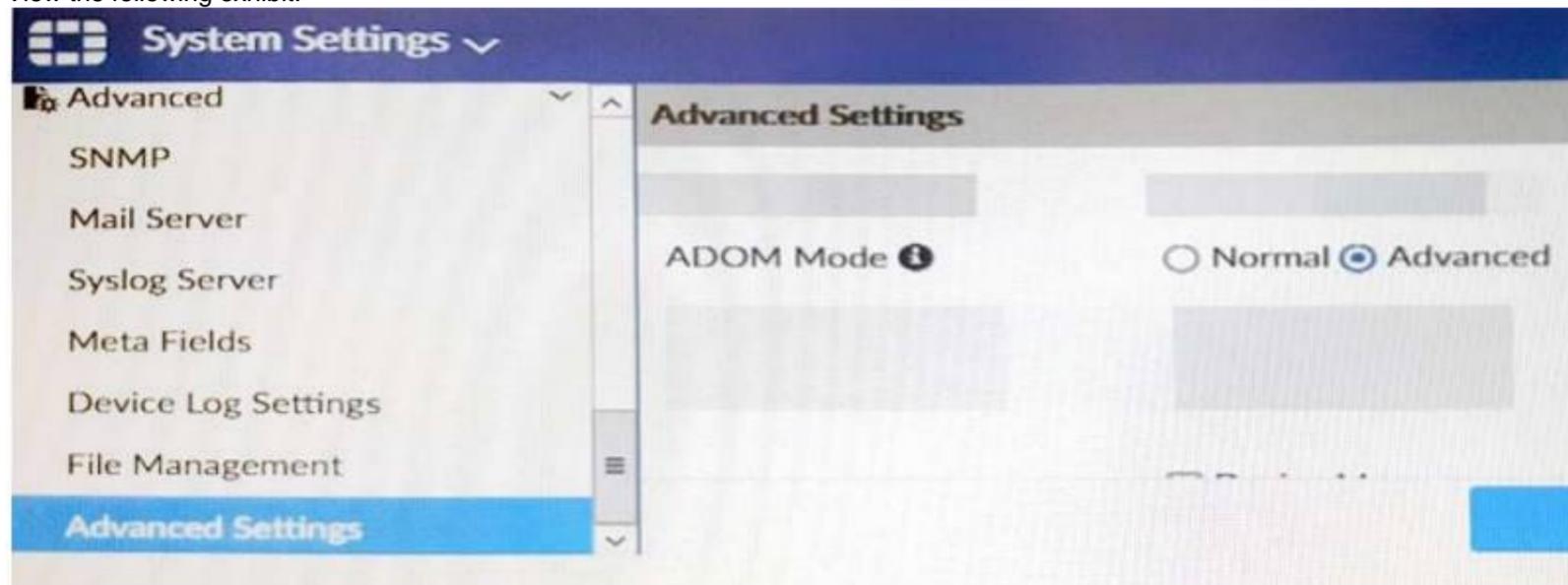
- A. File system
- B. ADOM1
- C. ADOM2 object database
- D. ADOM2

Answer: D

**NEW QUESTION 51**

- (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 56**

- (Exam Topic 3)

What will happen if FortiAnalyzer features are enabled on FortiManager?

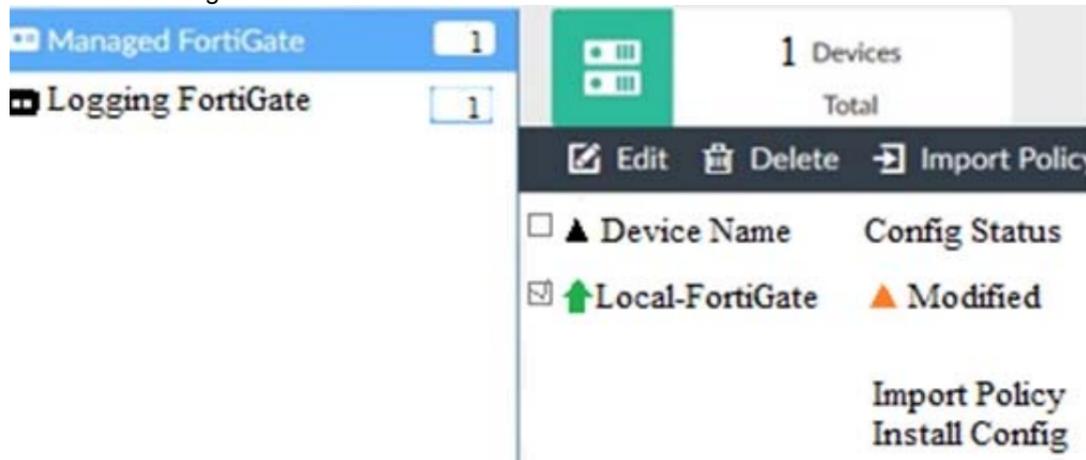
- A. FortiManager will keep all the logs and reports on the FortiManager.
- B. FortiManager will enable ADOMs to collect logs automatically from non-FortiGate devices.
- C. FortiManager will install the logging configuration to the managed devices
- D. FortiManager can be used only as a logging device.

Answer: C

**NEW QUESTION 57**

- (Exam Topic 3)

View the following exhibit.



When using Install Config option to install configuration changes to managed FortiGate, which of the following statements are true? (Choose two.)

- A. Once initiated, the install process cannot be canceled and changes will be installed on the managed device
- B. Will not create new revision in the revision history
- C. Installs device-level changes to FortiGate without launching the Install Wizard
- D. Provides the option to preview configuration changes prior to installing them

Answer: AC

#### NEW QUESTION 59

- (Exam Topic 3)

Which configuration setting for FortiGate is part of an ADOM-level database on FortiManager?

- A. NSX-T Service Template
- B. Security profiles
- C. SNMP
- D. Routing

Answer: B

#### NEW QUESTION 61

- (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 62

- (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 64

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