

# Fortinet

## Exam Questions NSE5\_FMG-7.2

Fortinet NSE 5 - FortiManager 7.2



### NEW QUESTION 1

- (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 2

- (Topic 1)

Which configuration setting for FortiGate is part of a device-level database on FortiManager?

- A. VIP and IP Pools
- B. Firewall policies
- C. Security profiles
- D. Routing

**Answer: C**

#### Explanation:

The FortiManager stores the FortiGate configuration details in two distinct databases. The device-level database includes configuration details related to device-level settings, such as interfaces, DNS, routing, and more. The ADOM-level database includes configuration details related to firewall policies, objects, and security profiles.

### NEW QUESTION 3

- (Topic 1)

An administrator would like to create an SD-WAN using central management in theTrainingADOM.

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 theTrainingADOM
- 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-references-to-interfaces>

### NEW QUESTION 4

- (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](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 5

- (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](http://help.fortinet.com/fmgr/cli/5-6-2/Document/0800_ADOMs/200_Configuring+.htm)

**NEW QUESTION 6**

- (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](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 7**

- (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 8**

- (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 9**

- (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.

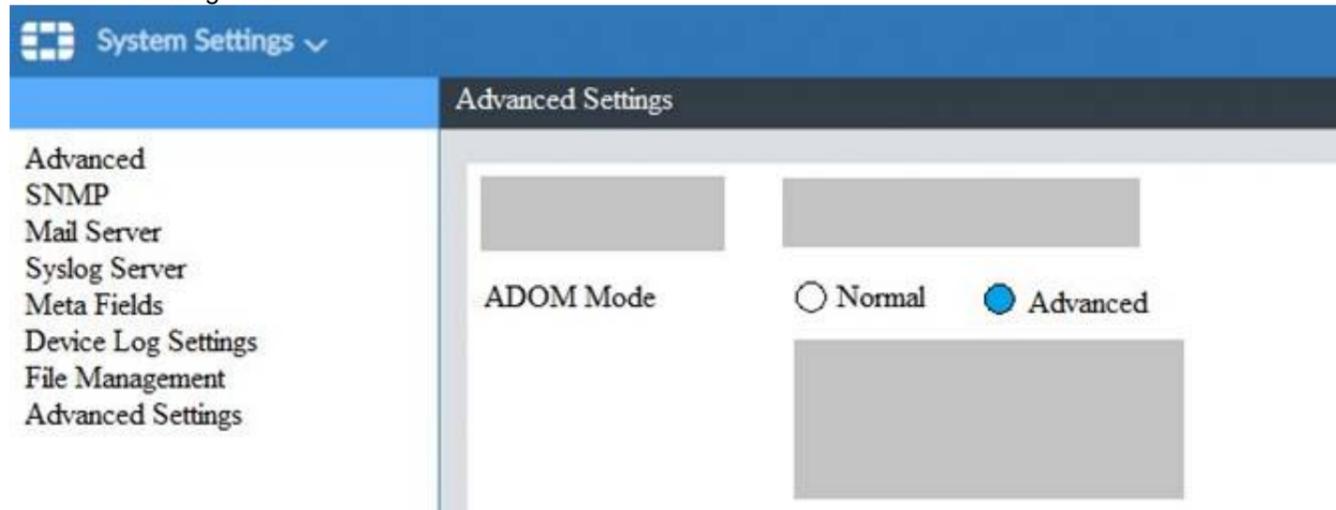
**Answer:** A

**Explanation:**

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

**NEW QUESTION 10**

- (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

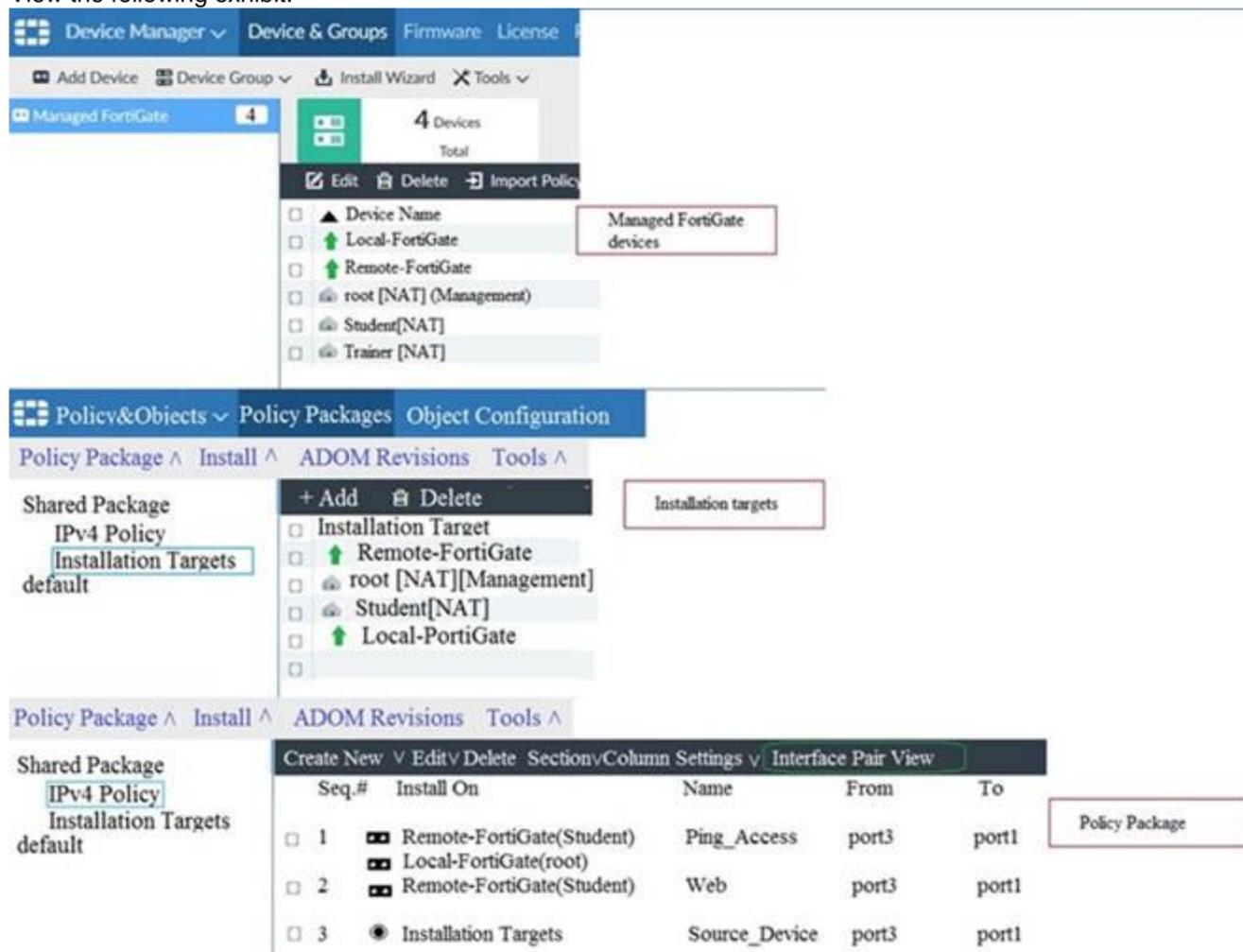
**Answer: C**

**Explanation:**

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

**NEW QUESTION 10**

- (Topic 1)  
View the following exhibit.



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 13**

- (Topic 1)  
View the following exhibit.

### Import Device - Local-FortiGate [root]

---

Create a new policy package for import.

Policy Package Name:

Folder:

Policy Selection:

- Import All(3)
- Select Policies and Profile Groups to Import

Object Selection:

- Import only policy dependent objects
- 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 the FortiManager 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 15**

- (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 thenoneaddress 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/1200\\_Managing%20objects/0800\\_Remove%20an%20object.htm](https://help.fortinet.com/fmgr/50hlp/56/5-6-2/FortiManager_Admin_Guide/1200_Policy%20and%20Objects/1200_Managing%20objects/0800_Remove%20an%20object.htm)

**NEW QUESTION 16**

- (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)

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 26

- (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 31

- (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 33

- (Topic 2)

What is the purpose of ADOM revisions?

- A. To createSystem Checkpointsfor 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 38

- (Topic 2)

Refer to the exhibit.



An administrator logs into the FortiManager GUI and sees the panes shown in the exhibit. Which two reasons can explain why the FortiAnalyzer feature panes do not appear? (Choose two.)

- A. The administrator logged in using the unsecure protocol HTTP, so the view is restricted.
- B. The administrator profile does not have full access privileges like the Super\_User profile.
- C. The administrator IP address is not a part of the trusted hosts configured on FortiManager interfaces.
- D. FortiAnalyzer features are not enabled on FortiManager.

**Answer: BD**

**NEW QUESTION 39**

- (Topic 2)

Which two statements about Security Fabric integration with FortiManager are true? (Choose two.)

- A. The Security Fabric license, group name and password are required for the FortiManager Security Fabric integration
- B. The Fabric View module enables you to generate the Security Fabric ratings for Security Fabric devices
- C. The Security Fabric settings are part of the device level settings
- D. The Fabric View module enables you to view the Security Fabric ratings for Security Fabric devices

**Answer: CD**

**NEW QUESTION 40**

- (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 43**

- (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 47**

- (Topic 2)

Refer to the exhibit.

**Create New CLI Script**

Script Name:  [\[View Sample Script\]](#)

Comments:  0/255

Type:

Run script on:

Script details:

```
config router prefix-list
edit public
config rule
edit 1
set prefix 0.0.0.0/0
set action permit
next
edit 2
set prefix 8.8.8.8/32
set action deny
end
```

[Advanced Device Filters >](#)

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 48**

- (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 51**

- (Topic 3)

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

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

**Answer: BC**

**NEW QUESTION 53**

- (Topic 3)

Refer to the exhibit.



An administrator is about to add the FortiGate device to FortiManager using the discovery process. FortiManager is operating behind a NAT device, and the administrator configured the FortiManager NATed IP address under the FortiManager system administration settings. What is the expected result?

- A. During discovery FortiManager sets the FortiManager NATed IP address on FortiGate
- B. During discovery FortiManager sets both the FortiManager NATed IP address and NAT device IP address on FortiGate

- C. During discovery FortiManager sets the NATed device IP address on FortiGate
- D. During discovery FortiManager uses only the FortiGate serial number to establish the connection

**Answer: C**

**NEW QUESTION 54**

- (Topic 3)

An administrator would like to create an SD-WAN using central management. What steps does the administrator need to perform to create an SD-WAN using central management?

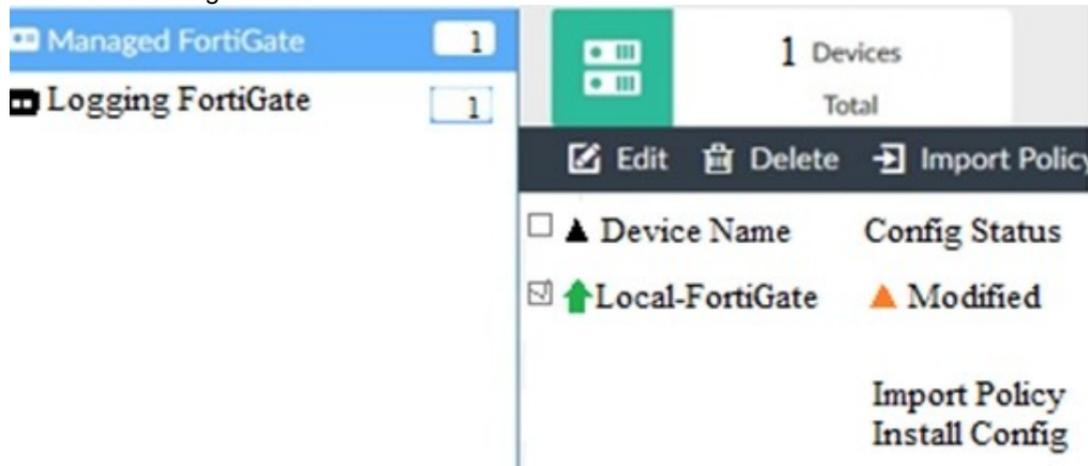
- A. First create an SD-WAN firewall policy, add member interfaces to the SD-WAN template and create a static route
- B. You must specify a gateway address when you create a default static route
- C. Remove all the interface references such as routes or policies
- D. Enable SD-WAN central management in the ADOM, add member interfaces, create a static route and SDWAN firewall policies.

**Answer: D**

**NEW QUESTION 56**

- (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.)

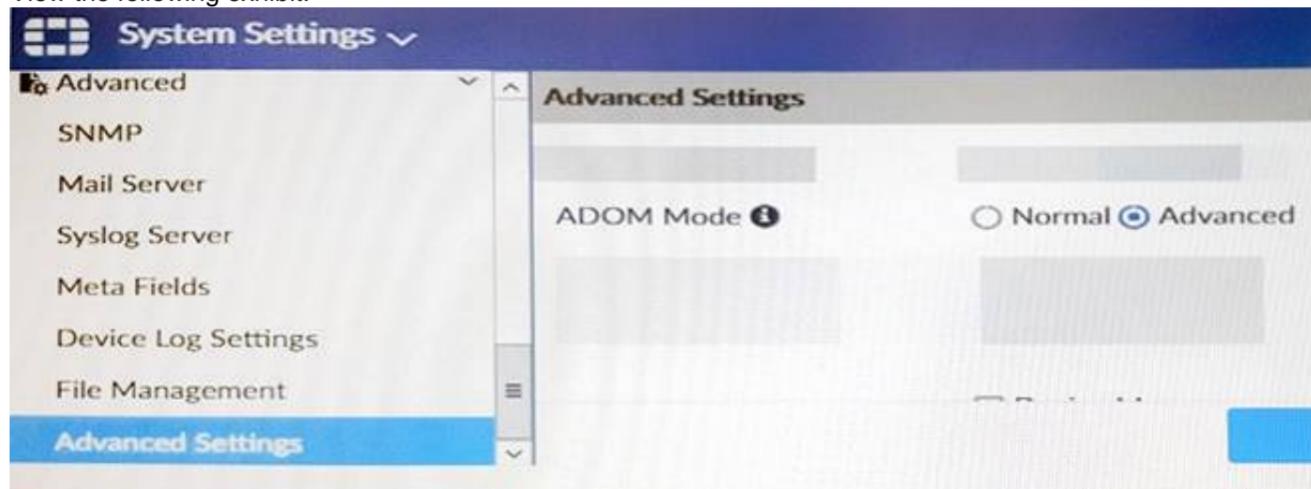
- A. Once initiated, the install process cannot be canceled and changes will be installed on the managed device
- B. Will not create new revision in the revision history
- C. Installs device-level changes to FortiGate without launching the Install Wizard
- D. Provides the option to preview configuration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

**Answer: AC**

**NEW QUESTION 61**

- (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 62**

- (Topic 3)

In the event that one of the secondary FortiManager devices fails, which action must be performed to return the FortiManager HA manual mode to a working state?

- A. The FortiManager HA state transition is transparent to administrators and does not require any reconfiguration.
- B. Manually promote one of the working secondary devices to the primary role, and reboot the old primary device to remove the peer IP of the failed device.
- C. Reconfigure the primary device to remove the peer IP of the failed device.
- D. Reboot the failed device to remove its IP from the primary device.

**Answer: C**

**NEW QUESTION 66**

- (Topic 3)

What is the advantage of using FortiManager to manage FortiAnalyzer?

- A. It allows FortiManager to manage all FortiGate devices
- B. It allows FortiManager to run reports based on FortiAnalyzer
- C. It allows FortiManager to store all managed FortiGate device logs
- D. It allows FortiManager to act as a collector and FortiAnalyzer device

**Answer: D**

**NEW QUESTION 69**

- (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 71**

- (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: D**

**NEW QUESTION 73**

- (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 75**

- (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 78**

- (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 thismanaged FortiGate.
- D. FortiManager installed the object ALL with the updated value.

**Answer:** A

**NEW QUESTION 82**

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