

# Fortinet

## Exam Questions NSE5\_FMG-7.0

Fortinet NSE 5 - FortiManager 7.0



**NEW QUESTION 1**

- (Exam Topic 1)

Which two items does an FGFM keepalive message include? (Choose two.)

- A. FortiGate uptime
- B. FortiGate license information
- C. FortiGate IPS version
- D. FortiGate configuration checksum

**Answer:** CD

**Explanation:**

Reference:

<https://docs.fortinet.com/document/fortimanager/6.2.0/fortigate-fortimanager-communications-protocol-guide/5>

**NEW QUESTION 2**

- (Exam 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 managedFortiGate.

**Answer:** BC

**NEW QUESTION 3**

- (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
fmg/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

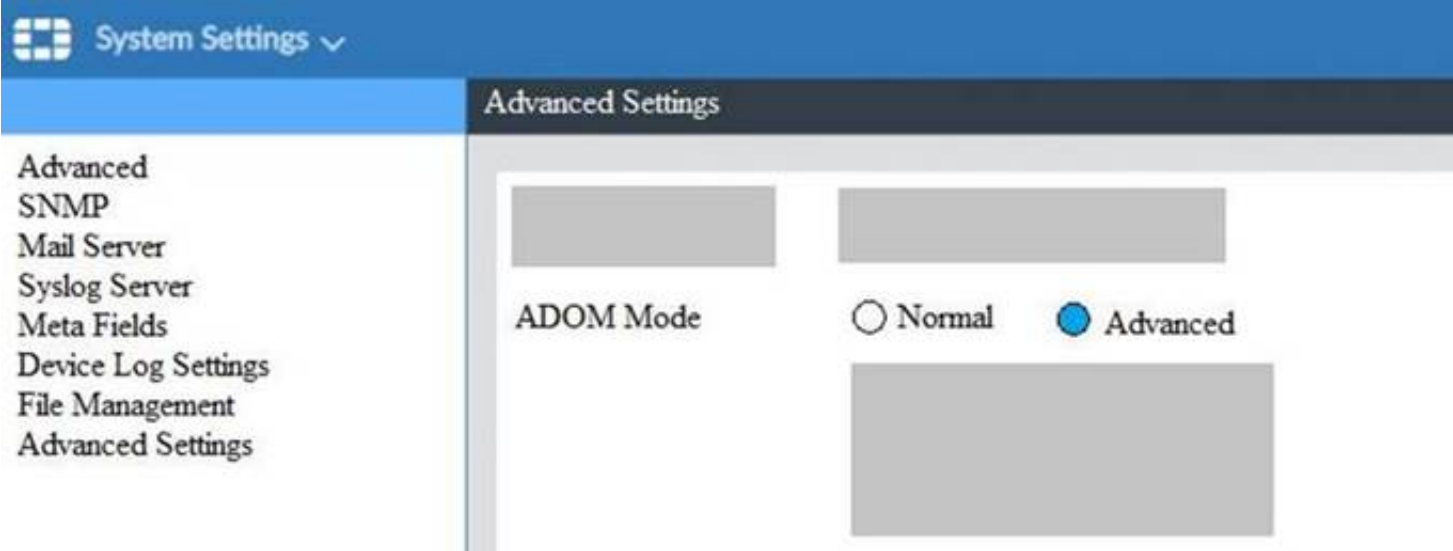
**Answer:** AC

**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 4**

- (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 5**

- (Exam Topic 1)  
An administrator, Trainer, who is assigned the Super\_User profile, is trying to approve a workflow session that was submitted by another administrator, Student. However, Trainer is unable to approve the workflow session.  
What can prevent an admin account that has Super\_User rights over the device from approving a workflow session?

**Session List**

View Diff						
<input type="checkbox"/>	ID	Name	User	Date Submitt...	Approved/To...	Comments
<input checked="" type="checkbox"/>	1	Firewall p..	Student	2017-06-01...	0/1	firewall policies

+ Add Comment

[Student] - 2017-06-01 13:31:35  
firewall policies

[Student] - 2017-06-01 16:29:27

- A. Trainer is not a part of workflow approval group
- B. Trainer does not have full rights over this ADOM
- C. Trainer must close Student’s workflow session before approving the request
- D. Student, who submitted the workflow session, must first self-approve the request

**Answer:** A

**Explanation:**

Reference:

[https://help.fortinet.com/fmgr/50hlp/56/5-6-1/FMG-FAZ/0800\\_ADOMs/1800\\_Workflow/0600\\_Workflow%20s](https://help.fortinet.com/fmgr/50hlp/56/5-6-1/FMG-FAZ/0800_ADOMs/1800_Workflow/0600_Workflow%20s)**NEW QUESTION 6**

- (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 7**

- (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](https://help.fortinet.com/fmgr/50hlp/56/5-6-1/FortiManager_Admin_Guide/1000_Device%20Manager/1500_M)**NEW QUESTION 8**

- (Exam Topic 1)

An administrator would like to review, approve, or reject all the firewall policy changes made by the junior administrators. How should the Workspace mode be configured on FortiManager?



- A. Set to workflow and use the ADOM locking feature
- B. Set to read/write and use the policy locking feature
- C. Set to normal and use the policy locking feature
- D. Set to disable and use the policy locking feature

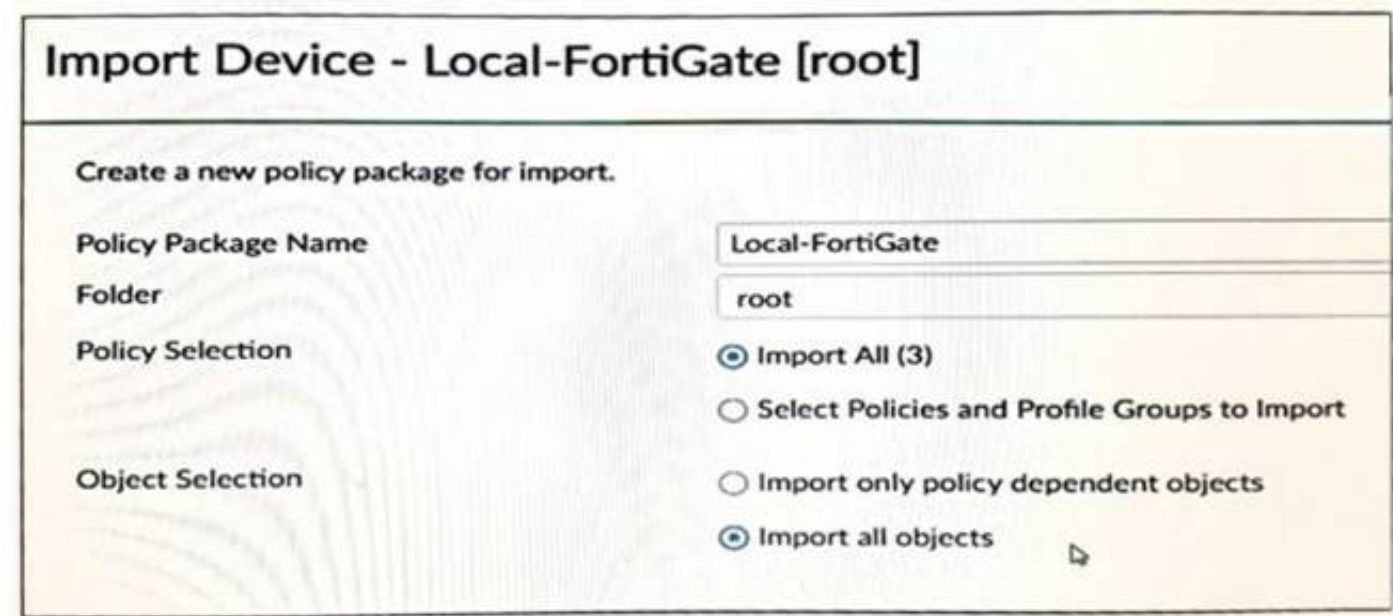
**Answer:** A

**Explanation:**

Reference:  
[https://help.fortinet.com/fmgr/50hlp/52/5-2-0/FMG\\_520\\_Online\\_Help/200\\_What's-New.03.03.html](https://help.fortinet.com/fmgr/50hlp/52/5-2-0/FMG_520_Online_Help/200_What's-New.03.03.html)

**NEW QUESTION 9**

- (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

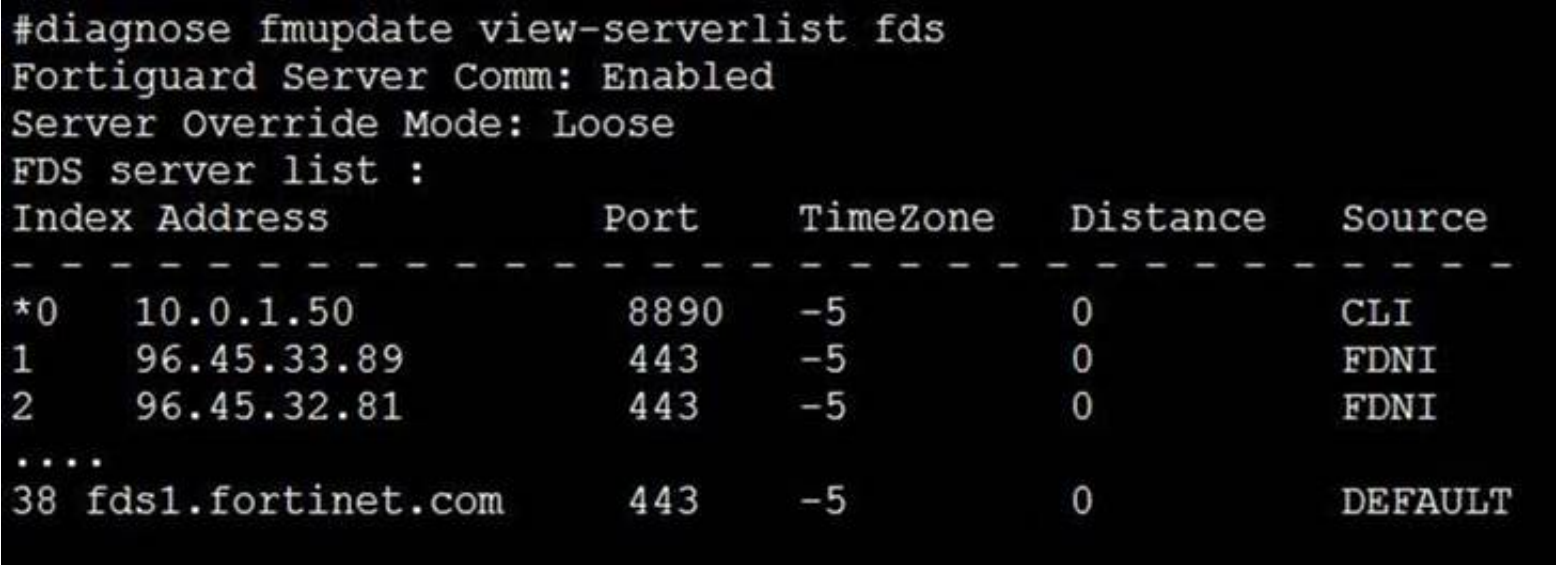
**Answer:** C

**Explanation:**

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

**NEW QUESTION 10**

- (Exam Topic 1)  
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>

**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)

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

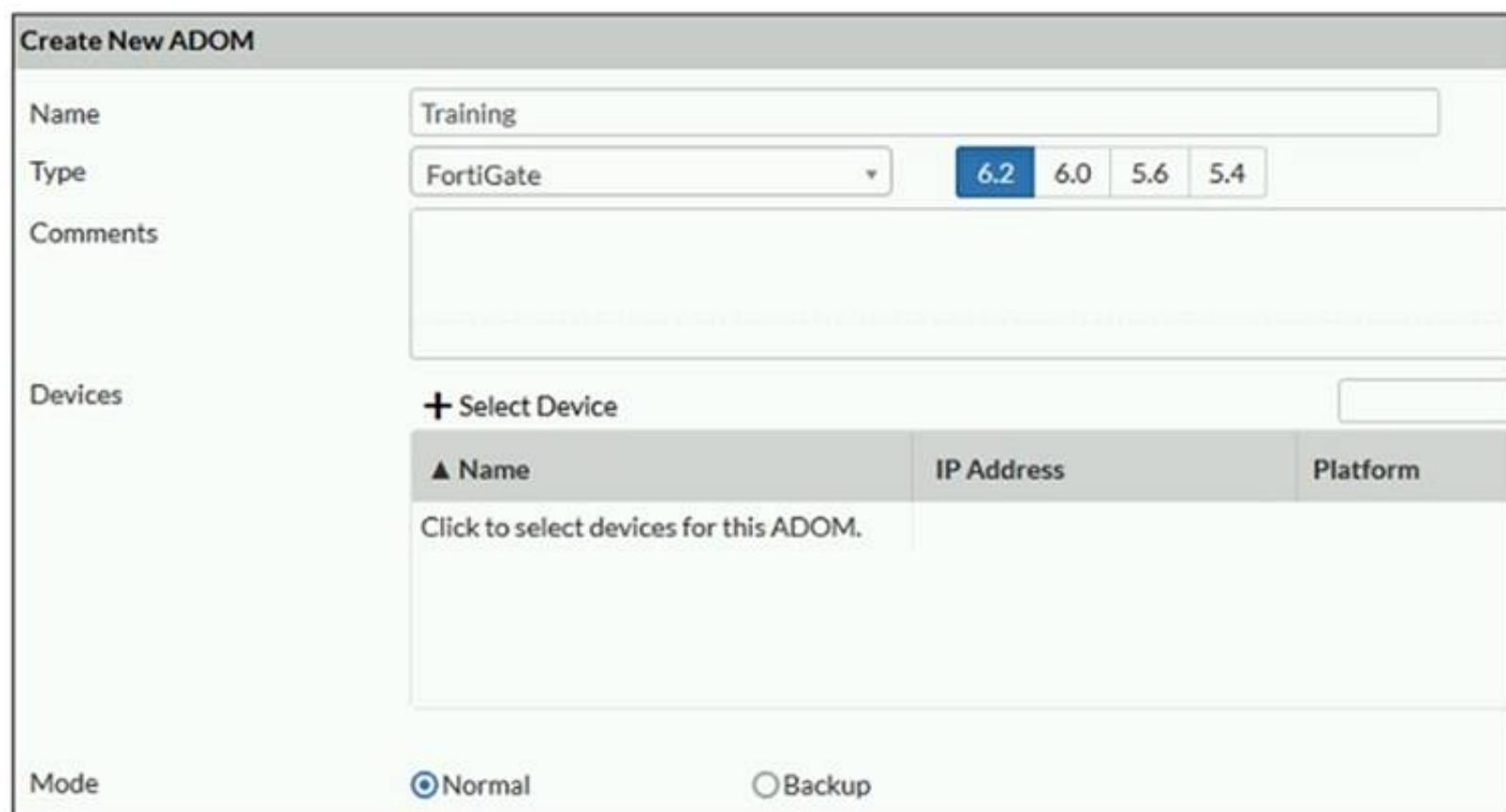
- A. SD-WAN must be enabled on per-ADOM basis
- B. You can create multiple SD-WAN interfaces per VDOM
- C. When you configure an SD-WAN, you must specify at least two member interfaces.
- D. The first step in creating an SD-WAN using FortiManager is to create two SD-WAN firewall policies.

**Answer:** AC

**NEW QUESTION 14**

- (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)

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 20**

- (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 21

- (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 24

- (Exam 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 28

- (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 31

- (Exam Topic 3)

View the following exhibit.

Edit Address

Address Name

Training

Type

IP/Netmask

IP/Network

192.168.1.0/255.255.255.0

Interface

any

Static Route Configuration

OFF

Comments

0/255

Add to Groups

Click to add

Advanced Options >

Per-Device Mapping

ON

+ Add

Edit

Delete

Name

VDOM

Details

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 36

- (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 39

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