



# Fortinet

## Exam Questions NSE5\_FMG-7.2

Fortinet NSE 5 - FortiManager 7.2

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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)  
You are moving managed FortiGate devices from one ADOM to a new ADOM. Which statement correctly describes the expected result?

- A. Any pending device settings will be installed automatically
- B. Any unused objects from a previous ADOM are moved to the new ADOM automatically
- C. The shared policy package will not be moved to the new ADOM
- D. Policy packages will be imported into the new ADOM automaticallyD

Answer: C

Explanation:

Reference:  
<https://community.fortinet.com/t5/FortiManager/Technical-Note-How-to-move-objects-to-new-ADOM-on-Forti>

NEW QUESTION 3

- (Exam Topic 1)  
Which two statements about the scheduled backup of FortiManager are true? (Choose two.)

- A. It does not back up firmware images saved on FortiManager.
- B. It can be configured using the CLI and GUI.
- C. It backs up all devices and the FortiGuard database.
- D. It supports FTP, SCP, and SFTP.

Answer: AD

Explanation:

Reference: [https://docs.ansible.com/ansible/latest/collections/fortinet/fortimanager/fmgr\\_system\\_backup\\_allsettings\\_modul](https://docs.ansible.com/ansible/latest/collections/fortinet/fortimanager/fmgr_system_backup_allsettings_modul)

NEW QUESTION 4

- (Exam Topic 1)  
View the following exhibit:

Create New CLI Script

Script Name

Config

Comments

Write a comment0/255

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 5

- (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 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)

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 8

- (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 9

- (Exam Topic 1)

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

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

**Answer: C**

**Explanation:**

FortiManager\_6.4\_Study\_Guide-Online – page 346

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

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

### NEW QUESTION 10

- (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 10

- (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 14

- (Exam Topic 1)

Refer to the exhibits. Exhibit one.

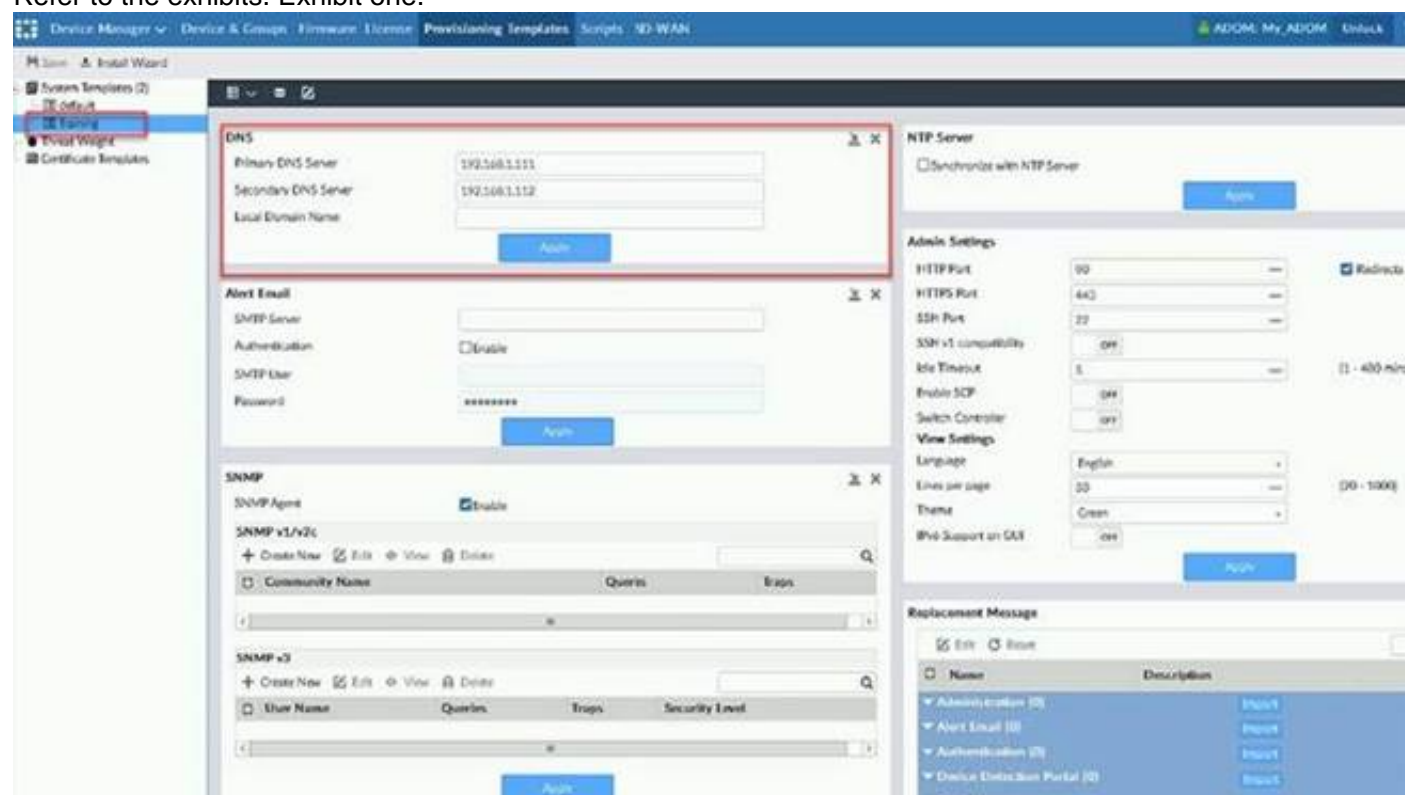
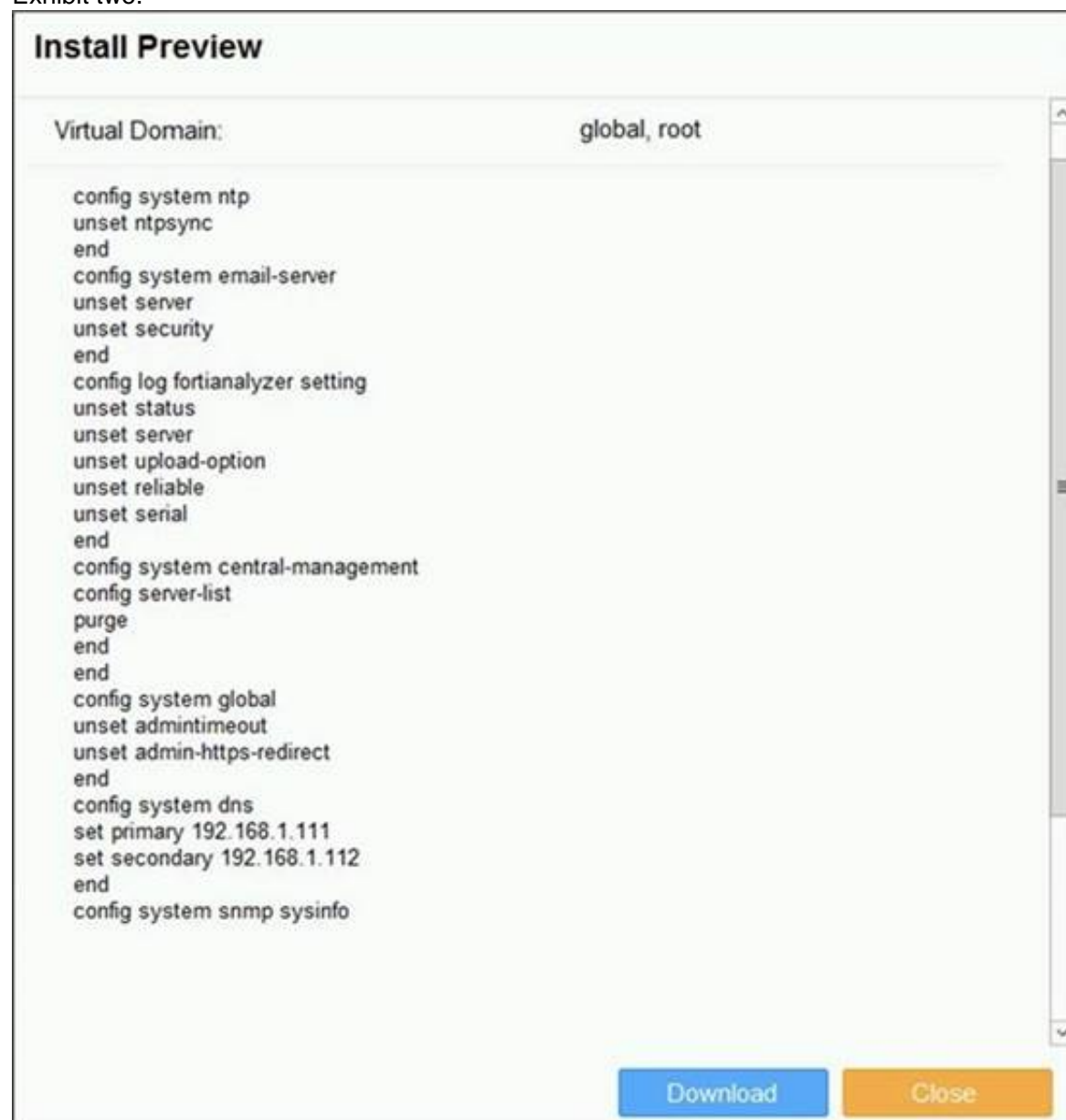


Exhibit two.



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

- A. The DNS addresses in the default system settings are the same as the Training system template
- B. The Training system template has other default settings
- C. The ADOM is locked by another administrator

D. The Training system template does not have assigned devices

**Answer:** B

#### NEW QUESTION 15

- (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:

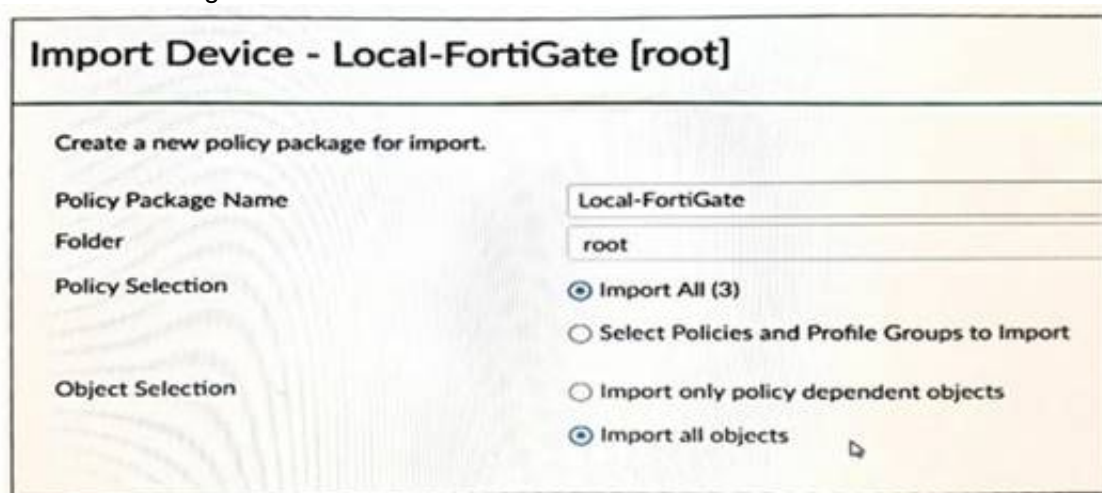
Reference:

[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 18

- (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 19

- (Exam Topic 1)

Refer to the following exhibit:

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

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

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

**Answer:** AB

#### Explanation:

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

#### NEW QUESTION 20

- (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 25

- (Exam 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 30

- (Exam Topic 2)

Which two statements regarding device management on FortiManager are true? (Choose two.)

- A. FortiGate devices in HA cluster devices are counted as a single device.  
B. FortiGate in transparent mode configurations are not counted toward the device count on FortiManager.  
C. FortiGate devices in an HA cluster that has five VDOMs are counted as five separate devices.  
D. The maximum number of managed devices for each ADOM is 500.

**Answer:** AC

#### NEW QUESTION 31

- (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

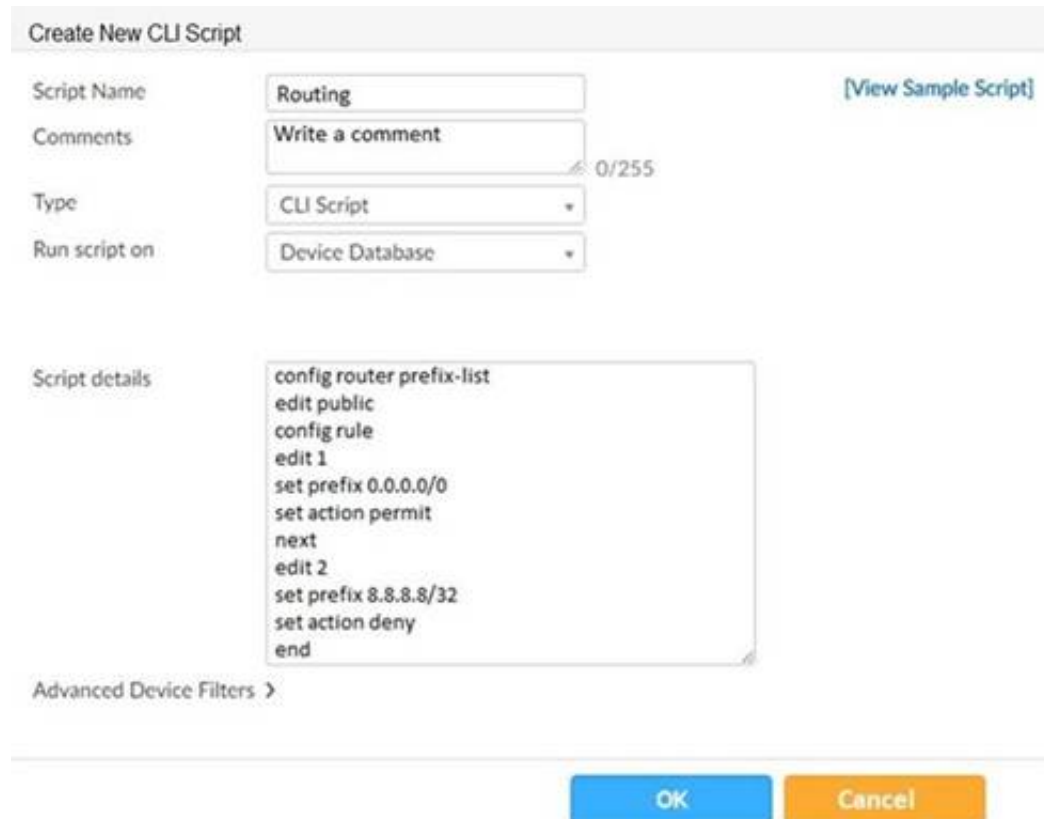
#### Explanation:

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

#### NEW QUESTION 33

- (Exam Topic 2)

Refer to the exhibit.



Create New CLI Script

Script Name: Routing [View Sample Script]

Comments: Write a comment 0/255

Type: CLI Script

Run script on: Device Database

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 >

OK Cancel

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 35

- (Exam 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

- (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 44

- (Exam Topic 3)

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

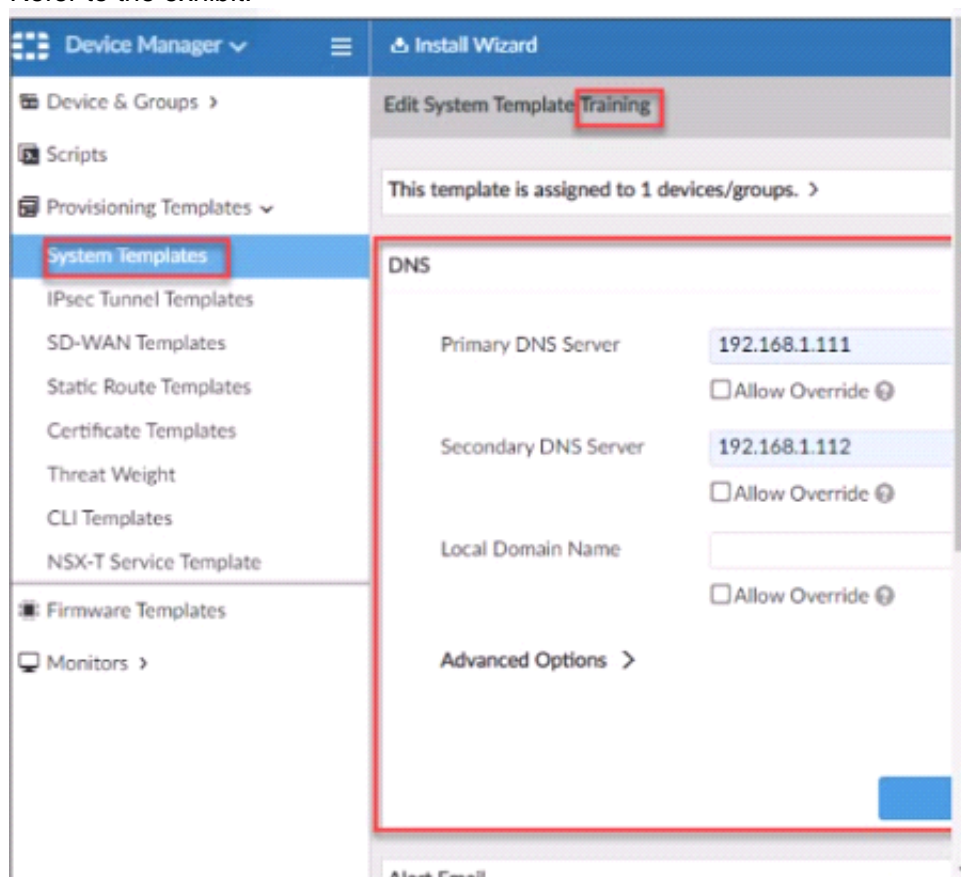
- A. Backs up all devices and the FortiGuard database.
- B. Does not back up firmware images saved on FortiManager
- C. Supports FTP, SCP, and SFTP
- D. Can be configured from the CLI and GUI

**Answer:** BC

### NEW QUESTION 47

- (Exam Topic 3)

Refer to the exhibit.



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

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

**Answer: C**

#### NEW QUESTION 51

- (Exam Topic 3)

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

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

**Answer: CD**

#### NEW QUESTION 53

- (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?

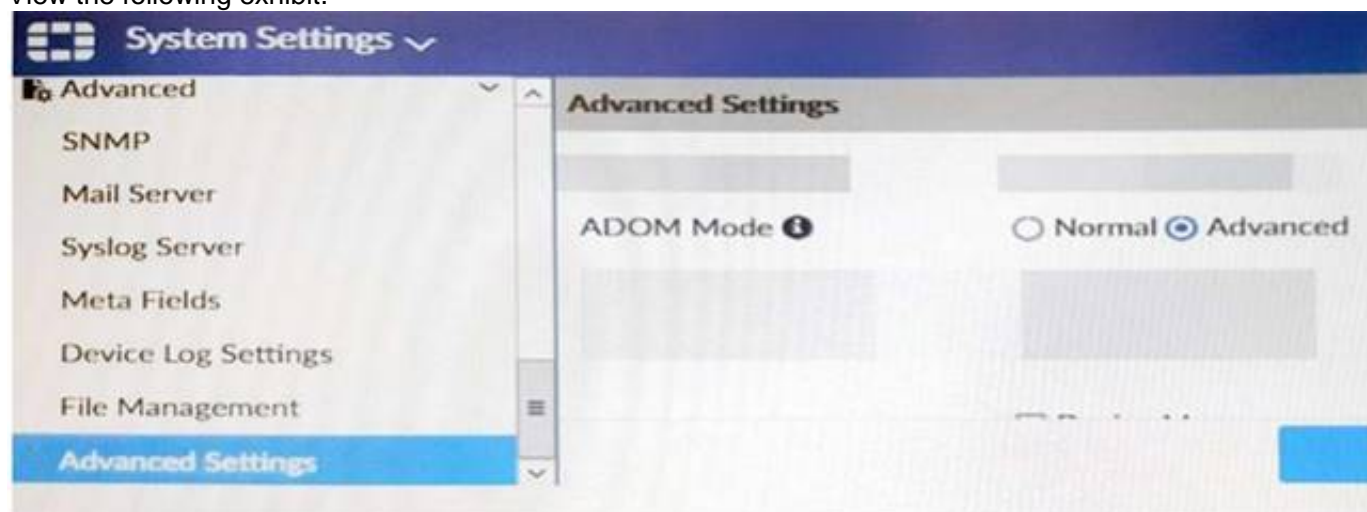
- A. File system
- B. ADOM1
- C. ADOM2 object database
- D. ADOM2

**Answer: D**

#### NEW QUESTION 57

- (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 59

- (Exam Topic 3)

What will happen if FortiAnalyzer features are enabled on FortiManager?

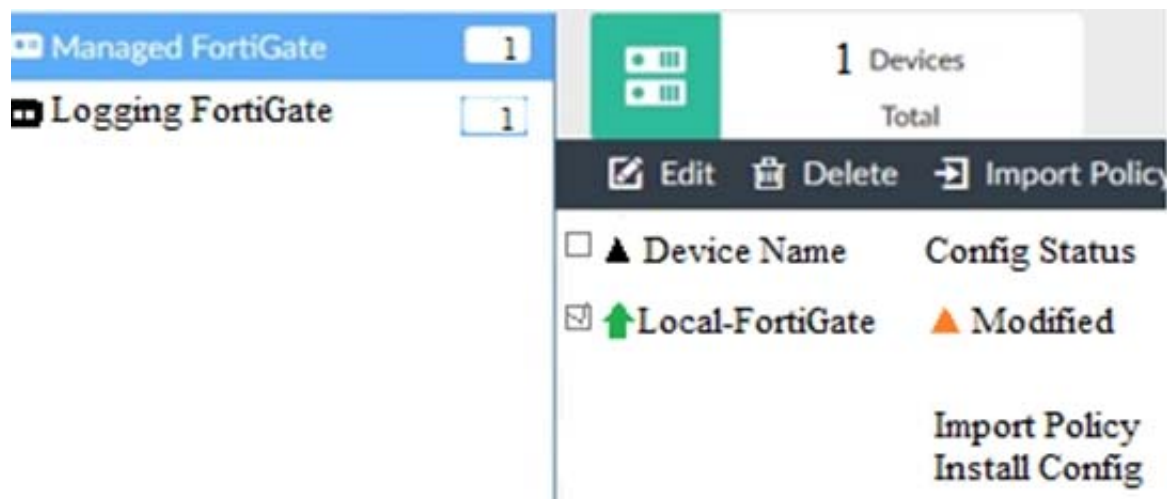
- A. FortiManager will keep all the logs and reports on the FortiManager.
- B. FortiManager will enable ADOMs to collect logs automatically from non-FortiGate devices.
- C. FortiManager will install the logging configuration to the managed devices
- D. FortiManager can be used only as a logging device.

**Answer: C**

#### NEW QUESTION 63

- (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 64

- (Exam Topic 3)

What does a policy package status of Modified indicate?

- A. FortiManager is unable to determine the policy package status
- B. The policy package was never imported after a device was registered on FortiManager
- C. The Policy configuration has been changed on a managed device and changes have not yet been imported into FortiManager
- D. The Policy package configuration has been changed on FortiManager and changes have not yet been installed on the managed device.

**Answer:** D

#### Explanation:

Reference: [http://help.fortinet.com/fmgr/50hlp/56/5-6-1/FortiManager\\_Admin\\_Guide/1200\\_Policy%20and%20Objects/0800\\_Managing%20policy%20packages/2200\\_Policy%20Packag](http://help.fortinet.com/fmgr/50hlp/56/5-6-1/FortiManager_Admin_Guide/1200_Policy%20and%20Objects/0800_Managing%20policy%20packages/2200_Policy%20Packag)

#### NEW QUESTION 68

- (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 69

- (Exam Topic 3)

Refer to the exhibit.

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

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

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

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

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

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

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

**Answer:** C

#### NEW QUESTION 72

- (Exam Topic 3)

View the following exhibit.

Start to import config from device(Local-FortiGate) vdom(root) to adom(My\_ADOM), package(Local-Fortigate\_root)

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

"firewall address", SUCCESS,"(name=LOCAL\_SUBNET,oid=684,new object)"

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

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

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

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

**Answer:** A

## NEW QUESTION 77

.....

## Relate Links

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