



# 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)

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 3

- (Exam Topic 1)

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)"

Which statement about the object named ALL is true?

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

**Answer:** A

### NEW QUESTION 4

- (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 5**

- (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 6**

- (Exam Topic 1)

In addition to the default ADOMs, an administrator has created a new ADOM named Training for FortiGate devices. The administrator sent a device registration to FortiManager from a remote FortiGate. Which one of the following statements is true?

- A. The FortiGate will be added automatically to the default ADOM named FortiGate.
- B. The FortiGate will be automatically added to the Training ADOM.
- C. By default, the unregistered FortiGate will appear in the root ADOM.
- D. The FortiManager administrator must add the unregistered device manually to the unregistered device manually to the Training ADOM using the Add Device wizard

**Answer:** C

**Explanation:**

Reference: <https://docs.fortinet.com/document/fortimanager/7.0.0/administration-guide/718923/root-adom>

**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:

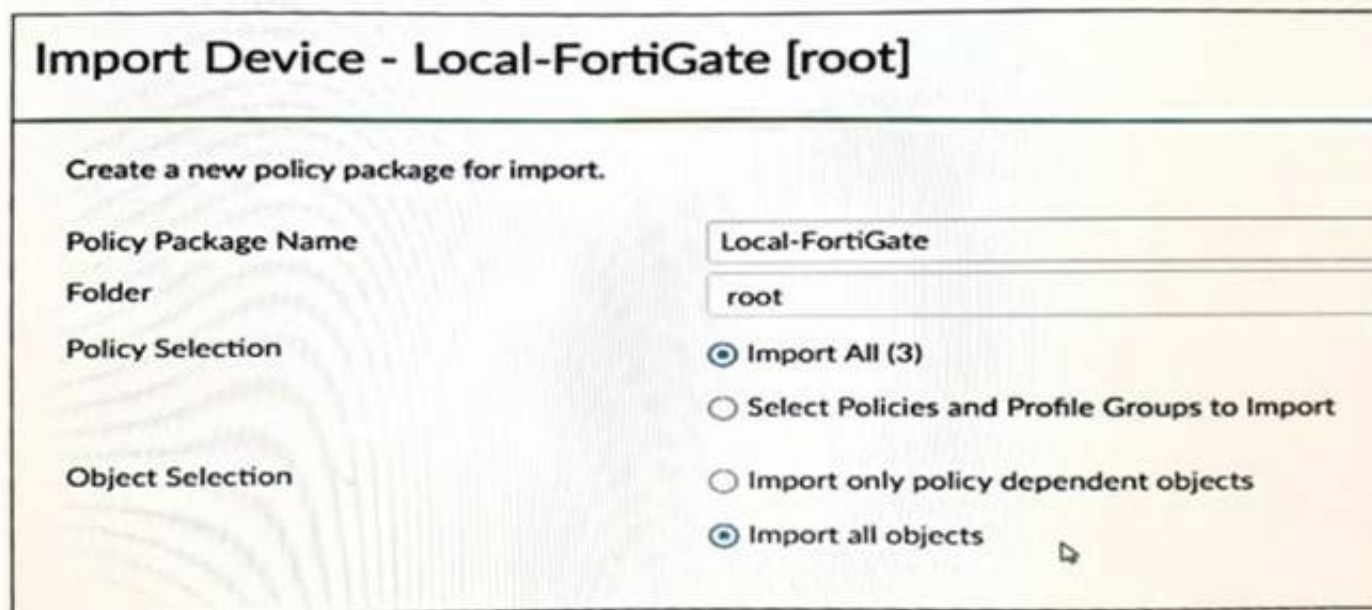
[https://help.fortinet.com/fmgr/50hlp/56/5-6-1/FortiManager\\_Admin\\_Guide/1000\\_Device%20Manager/1500\\_M](https://help.fortinet.com/fmgr/50hlp/56/5-6-1/FortiManager_Admin_Guide/1000_Device%20Manager/1500_M)

**NEW QUESTION 8**

- (Exam Topic 1)

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:**

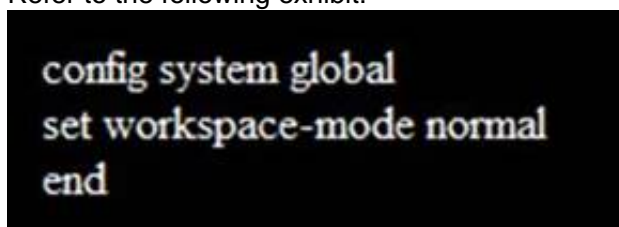
Reference:

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

#### NEW QUESTION 9

- (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 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 10

- (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 19**

- (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 24**

- (Exam Topic 2)

An administrator has enabled Service Access on FortiManager.

What is the purpose of Service Access on the FortiManager interface?

- A. Allows FortiManager to download IPS packages
- B. Allows FortiManager to respond to request for FortiGuard services from FortiGate devices
- C. Allows FortiManager to run real-time debugs on the managed devices
- D. Allows FortiManager to automatically configure a default route

**Answer:** B

**Explanation:**

FortiManager 6.2 Study guide page 350

**NEW QUESTION 29**

- (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 32**

- (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 33**



- (Exam 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 35

- (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 36

- (Exam Topic 3)

View the following exhibit.

Edit Address

Address Name  
Training

Type  
IP/Netmask

IP/Network  
192.168.1.0/255.255.255.255.0

Interface  
any



Static Route Configuration  
☐ OFF

Comments  
 0/255

Add to Groups

Advanced Options >

Per-Device Mapping  
☒ ON

+ Add  Edit  Delete

<input type="checkbox"/>	Name	VDOM	Details
<input type="checkbox"/>	Local-FortiGate root	IP/Netmask	10.0.10/255.255.255.0

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 39

- (Exam Topic 3)

View the following exhibit:



Import Device - Local-FortiGate [root]

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

Device Interface	ADOM Interface
port1	WAN
port3	LAN

☒ Add mappings for all unused device interfaces

Next >Cancel

An administrator used the value shown in the exhibit when importing a Local-FortiGate into FortiManager. What name will be used to display the firewall policy for port1?

- A. port1 on FortiGate and WAN on FortiManager
- B. port1 on both FortiGate and FortiManager
- C. WAN zone on FortiGate and WAN zone on FortiManager
- D. WAN zone on FortiGate and WAN interface on FortiManager

Answer: A

#### NEW QUESTION 41

- (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 42

- (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 46

- (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 47

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