

# Fortinet

## Exam Questions NSE5\_FMG-7.2

Fortinet NSE 5 - FortiManager 7.2



**NEW QUESTION 1**

- (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 automatically

**Answer: C**

**Explanation:**

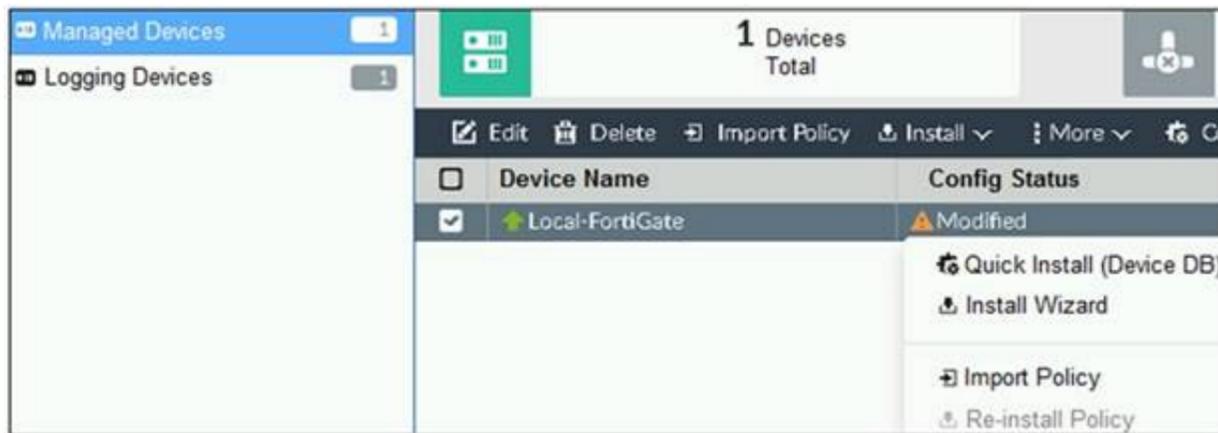
Reference:

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

**NEW QUESTION 2**

- (Exam Topic 1)

Refer to the exhibit.



You are using the Quick Install option to install configuration changes on the managed FortiGate.

Which two statements correctly describe the result? (Choose two.)

- A. It will not create a new revision in the revision history
- B. It installs device-level changes to FortiGate without launching the Install Wizard
- C. It cannot be canceled once initiated and changes will be installed on the managed device
- D. It provides the option to preview configuration changes prior to installing them

**Answer: BC**

**Explanation:**

FortiManager\_6.4\_Study\_Guide-Online – page 164

The Install Config option allows you to perform a quick installation of device-level settings without launching the Install Wizard. When you use this option, you cannot preview the changes prior to committing. Administrator should be certain of the changes before using this install option, because the install can't be cancelled after the process is initiated.

**NEW QUESTION 3**

- (Exam 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/08](https://help.fortinet.com/fmgr/50hlp/56/5-6-2/FortiManager_Admin_Guide/1200_Policy%20and%20Objects/08)

**NEW QUESTION 4**

- (Exam Topic 1)

View the following exhibit.

The screenshot shows the FortiManager interface. The top section, 'Device Manager', shows a list of managed FortiGate devices: Local-FortiGate, Remote-FortiGate, root [NAT] (Management), Student[NAT], and Trainer [NAT]. A red box highlights 'Managed FortiGate devices'. The middle section, 'Policy & Objects', shows 'Installation Targets' for an IPv4 Policy Package, listing Remote-FortiGate, root [NAT][Management], Student[NAT], and Local-PortiGate. A red box highlights 'Installation targets'. The bottom section shows a table of installation targets for a 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

A red box highlights 'Policy Package'.

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 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)

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?

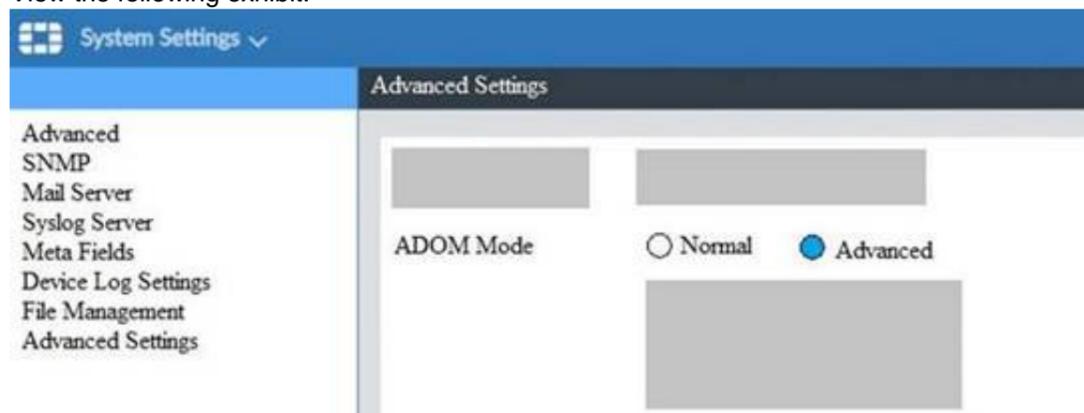
- A. FortiManager updated the object ALL using the FortiGate value in its database.
- B. FortiManager installed the object ALL with the updated value.
- C. FortiManager created the object ALL as a unique entity in its database, which can be only used by this managed FortiGate.
- D. FortiManager updated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

**Answer: A**

### NEW QUESTION 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)

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)

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 10**

- (Exam Topic 1)

Refer to the exhibits. Exhibit one.

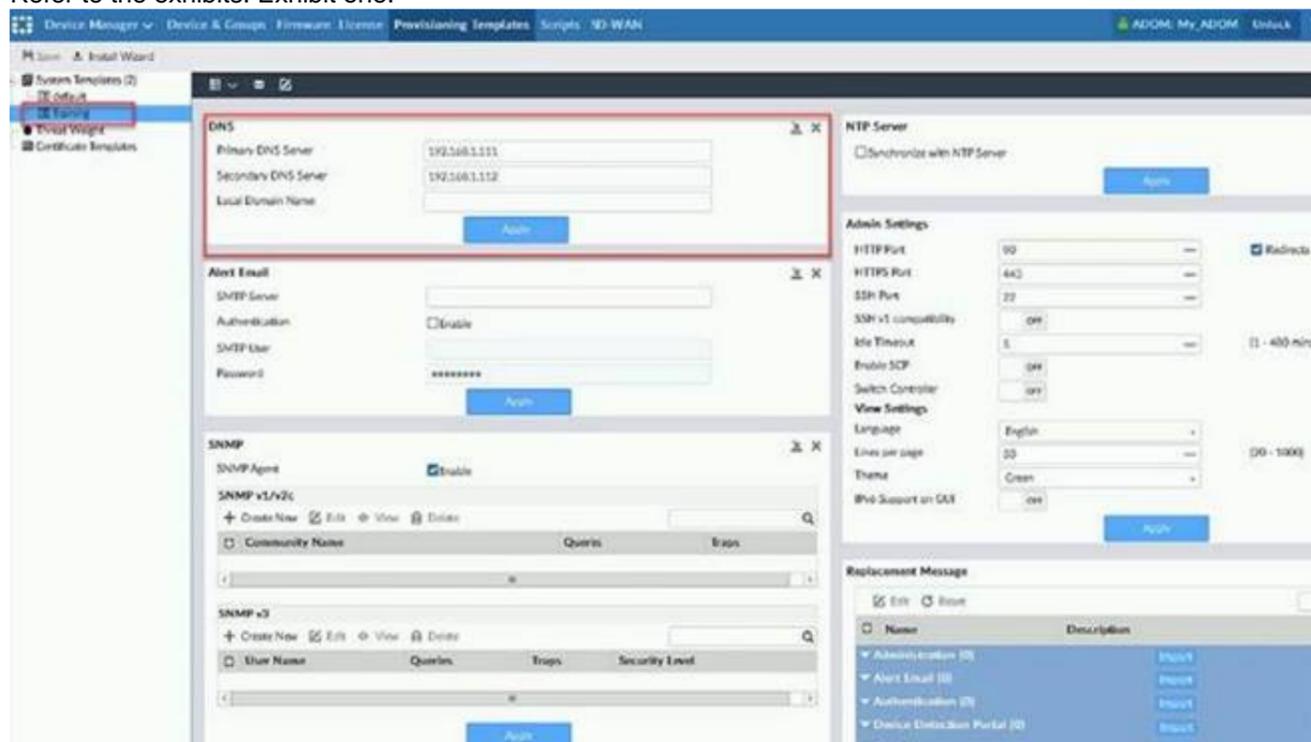
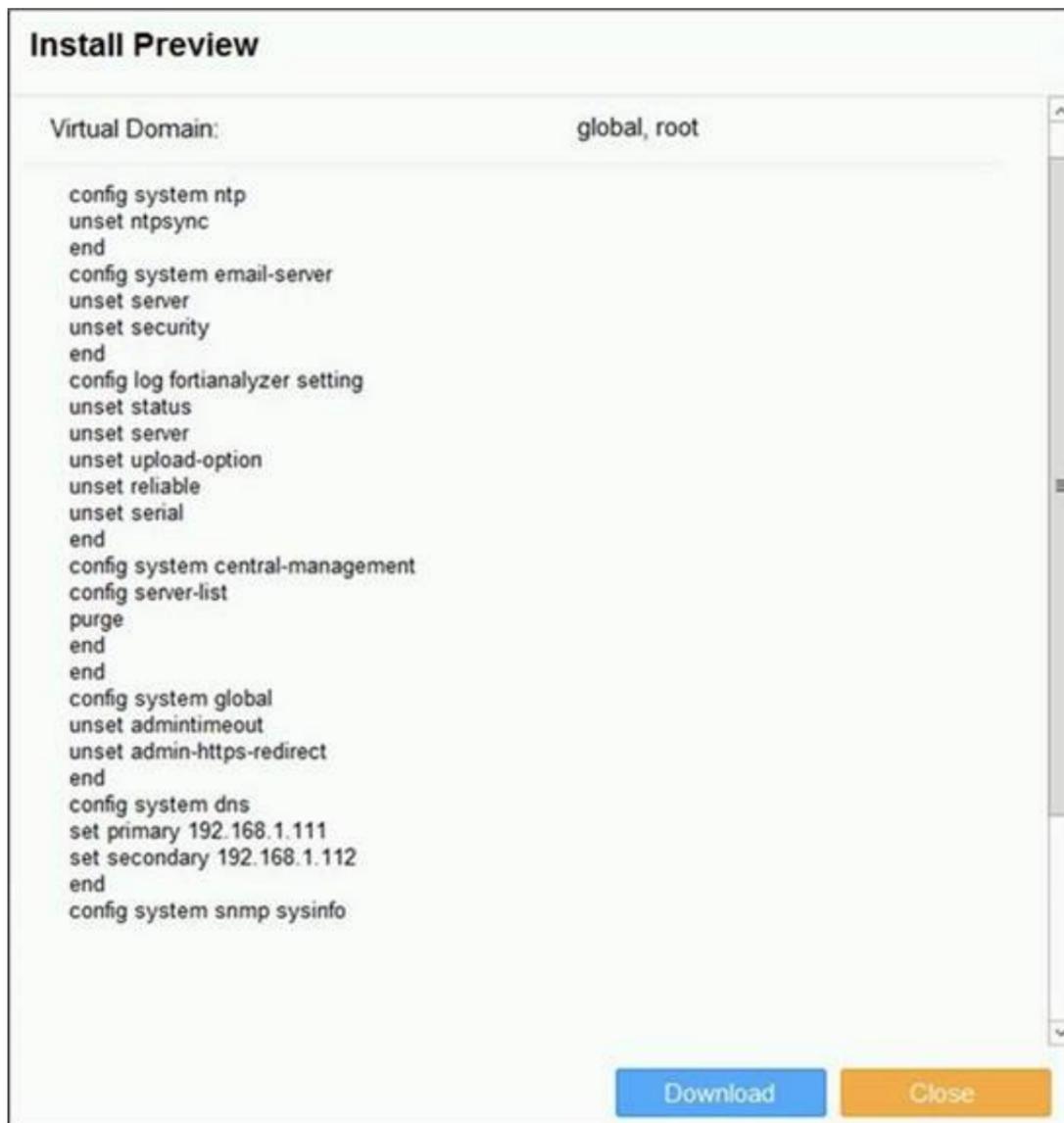


Exhibit two.



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 14

- (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 18

- (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 23

- (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 28**

- (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?

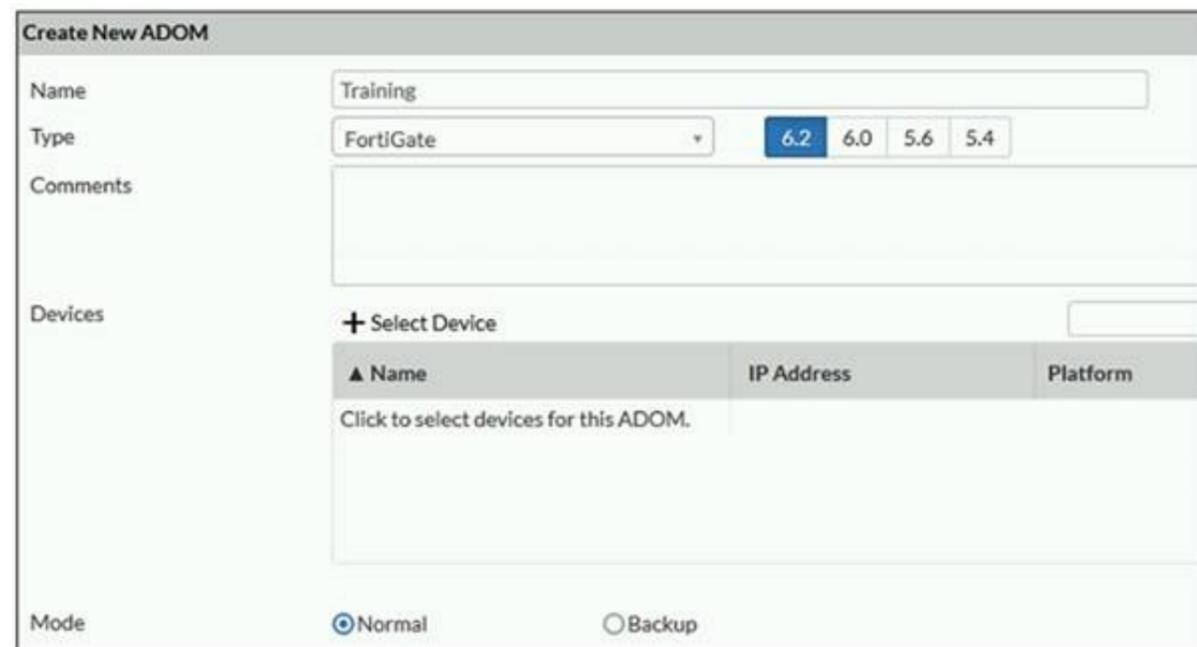
- A. Device name and serial number of the original device.
- B. Device name and serial number of the replacement device.
- C. Device name of the replacement device and serial number of the original device.
- D. Device name of the original device and serial number of the replacement device.

**Answer: D**

**NEW QUESTION 32**

- (Exam Topic 2)

Refer to the exhibit.



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 37**

- (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 42**

- (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 45**

- (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 50**

- (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 53**

- (Exam Topic 2)

An administrator has assigned a global policy package to custom ADOM1. Then the administrator creates a new policy package, Fortinet, in the custom ADOM1. Which statement about the global policy package assignment to the newly-created policy package Fortinet is true?

- A. When a new policy package is created, it automatically assigns the global policies to the new package.
- B. When a new policy package is created, you need to assign the global policy package from the global ADOM.
- C. When a new policy package is created, you need to reapply the global policy package to the ADOM.
- D. When a new policy package is created, you can select the option to assign the global policies to the new package.

**Answer:** A

**Explanation:**

Global Policy Package is applied at the ADOM level and you have the option to choose which ADOM policy packages you want to exclude (there is no option to choose Policy Packages to include).

**NEW QUESTION 58**

- (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 62**

- (Exam 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 64**

- (Exam Topic 3)

What does the diagnose dvm check-integrity command do? (Choose two.)

- A. Internally upgrades existing ADOMs to the same ADON version in order to clean up and correct the ADOM syntax
- B. Verifies and corrects unregistered, registered, and deleted device states
- C. Verifies and corrects database schemas in all object tables
- D. Verifies and corrects duplicate VDOM entries

**Answer:** BD

#### **Explanation:**

\* 6.2 Study Guide page 305 verify and correct parts of the device manager databases, including:– inconsistent device-to-group and group-to-ADOM memberships– unregistered, registered, and deleted device states– device lock statuses– duplicate VDOM entries

#### **NEW QUESTION 66**

- (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 70**

- (Exam Topic 3)

An administrator would like to create an SD-WAN default static route for a newly created SD-WAN using the FortiManager GUI. Both port1 and port2 are part of the SD-WAN member interfaces.

Which interface must the administrator select in the static route device drop-down list?

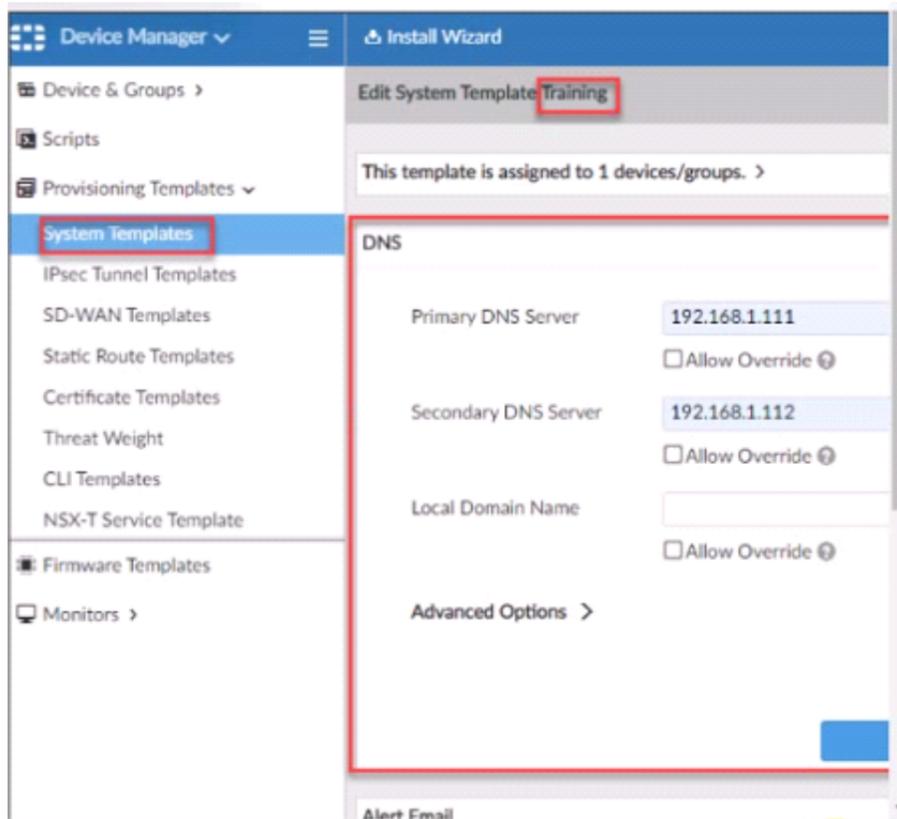
- A. port2
- B. virtual-wan-link
- C. port1
- D. auto-discovery

**Answer:** B

#### **NEW QUESTION 73**

- (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 Forti-Manager
- B. The administrator must select the Forti-Manager 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 78

- (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 82

- (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 86

- (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 91

- (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 95**

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