

# Fortinet

## Exam Questions NSE5\_FMG-7.2

Fortinet NSE 5 - FortiManager 7.2



#### NEW QUESTION 1

- (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 2

- (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 3

- (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 4

- (Topic 1)

An administrator with theSuper\_Userprofile 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 5

- (Topic 1)

What is the purpose of thePolicy Checkfeature on FortiManager?

- A. To find and provide recommendation to combine multiple separate policy packages into one commonpolicy 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 6

- (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 serverfds1.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 7

- (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:** B

### NEW QUESTION 8

- (Topic 1)

An administrator has assigned a global policy package to a new ADOM called ADOM1. What will happen if the administrator tries to create a new policy package in ADOM1?

- A. When creating a new policy package, the administrator can select the option to assign the global policy package to the new policy package
- B. When a new policy package is created, the administrator needs to reapply the global policy package to ADOM1.
- C. When a new policy package is created, the administrator must assign the global policy package from the global ADOM.
- D. When the new policy package is created, FortiManager automatically assigns the global policy package to the new policy package.

**Answer:** A

#### Explanation:

Reference: [https://help.fortinet.com/fmgr/50hlp/56/5-6-2/FortiManager\\_Admin\\_Guide/1200\\_Policy%20and%20Objects/0800\\_Managing%20policy%20packages/1200\\_Assign%20a%20global%20policy%20package.htm](https://help.fortinet.com/fmgr/50hlp/56/5-6-2/FortiManager_Admin_Guide/1200_Policy%20and%20Objects/0800_Managing%20policy%20packages/1200_Assign%20a%20global%20policy%20package.htm)

### NEW QUESTION 9

- (Topic 1)

View the following exhibit.

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

---

Create a new policy package for import.

Policy Package Name

Local-FortiGate

Folder

root

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 theFortiManager 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 10

- (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 referencedfirewall policy
- D. FortiManager will replace the deleted address object withalladdress 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 10

- (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-leveldatabase

**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

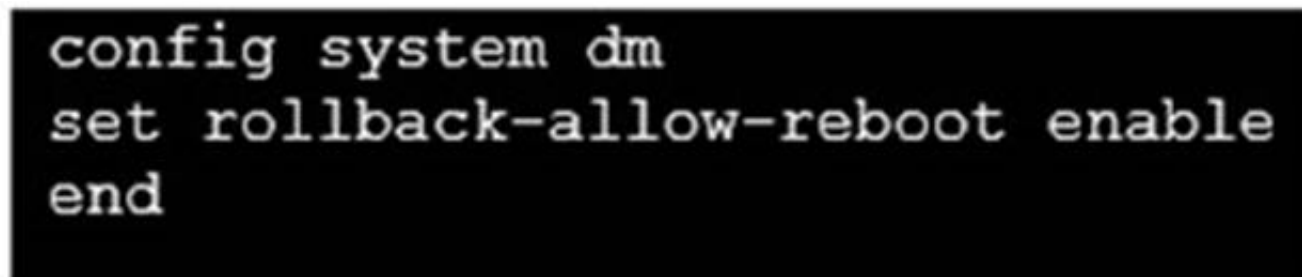
Then after a manual change on FMG end (but no install yet):latest revision = FGT (still) but now device database has been modified (is different).

After reverting to a previous revision in revision history:device database = reverted revision != FGT

#### NEW QUESTION 15

- (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/141304/fgfm-recovery-logic>

#### NEW QUESTION 19

- (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 24

- (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 28

- (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

Mode

☒ Normal

☐ Backup

Name	IP Address	Platform
Click to select devices for this ADOM.		

Which two statements about an ADOM set inNormalmode 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 33**

- (Topic 2)

An administrator has enabledService Accessson FortiManager.

What is the purpose ofService Accessson 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 38**

- (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. TheFabric Viewmodule 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. TheFabric Viewmodule enables you to view the Security Fabric ratings for Security Fabric devices

**Answer:** CD

**NEW QUESTION 41**

- (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 46**

- (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 packageFortinetis 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 globalADOM.
- 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 47**

- (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 52**

- (Topic 3)

An administrator created a header and footer global policy package and assigned it to an ADOM.

What are two outcomes from this action? (Choose two.)

- A. You must manually move the header and footer policies after the policy assignment.
- B. After you assign the global policy package to an ADOM, the policy package is hidden from the ADOM and cannot be viewed.
- C. If you assign an additional global policy package to the same ADOM, FortiManager removes previously assigned policies.
- D. You can edit or delete all the global objects in the global ADOM.

**Answer:** AD

**NEW QUESTION 55**

- (Topic 3)

What is the advantage of using FortiManager to manage FortiAnalyzer?

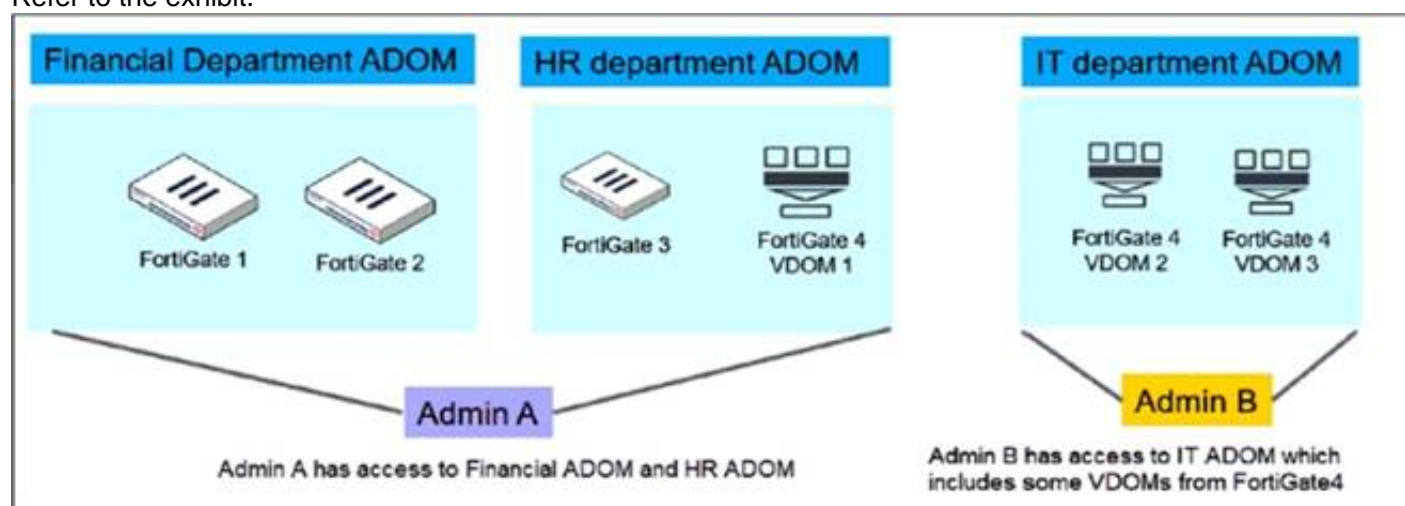
- A. It allows FortiManager to manage all FortiGate devices
- B. It allows FortiManager to run reports based on FortiAnalyzer
- C. It allows FortiManager to store all managed FortiGate device logs
- D. It allows FortiManager to act as a collector and FortiAnalyzer device

**Answer:** D

**NEW QUESTION 57**

- (Topic 3)

Refer to the exhibit.



An administrator would like to create three ADOMs on FortiManager with different access levels based on departments. What two conclusions can you draw from the design shown in the exhibit? (Choose two.)

- A. Admin A can access VDOM2 and VDOM3 with the super user profile.
- B. The FortiManager policies and objects database can be shared between the Financial and HR ADOMs.
- C. The administrator must set the FortiManager ADOM mode to Advanced.
- D. The administrator must configure FortiManager in workspace mode.

**Answer:** BC

**NEW QUESTION 60**

- (Topic 3)

An administrator has added all the devices in a Security Fabric group to FortiManager. How does the administrator identify the root FortiGate?

- A. By a dollar symbol (\$) at the end of the device name
- B. By an at symbol (@) at the end of the device name



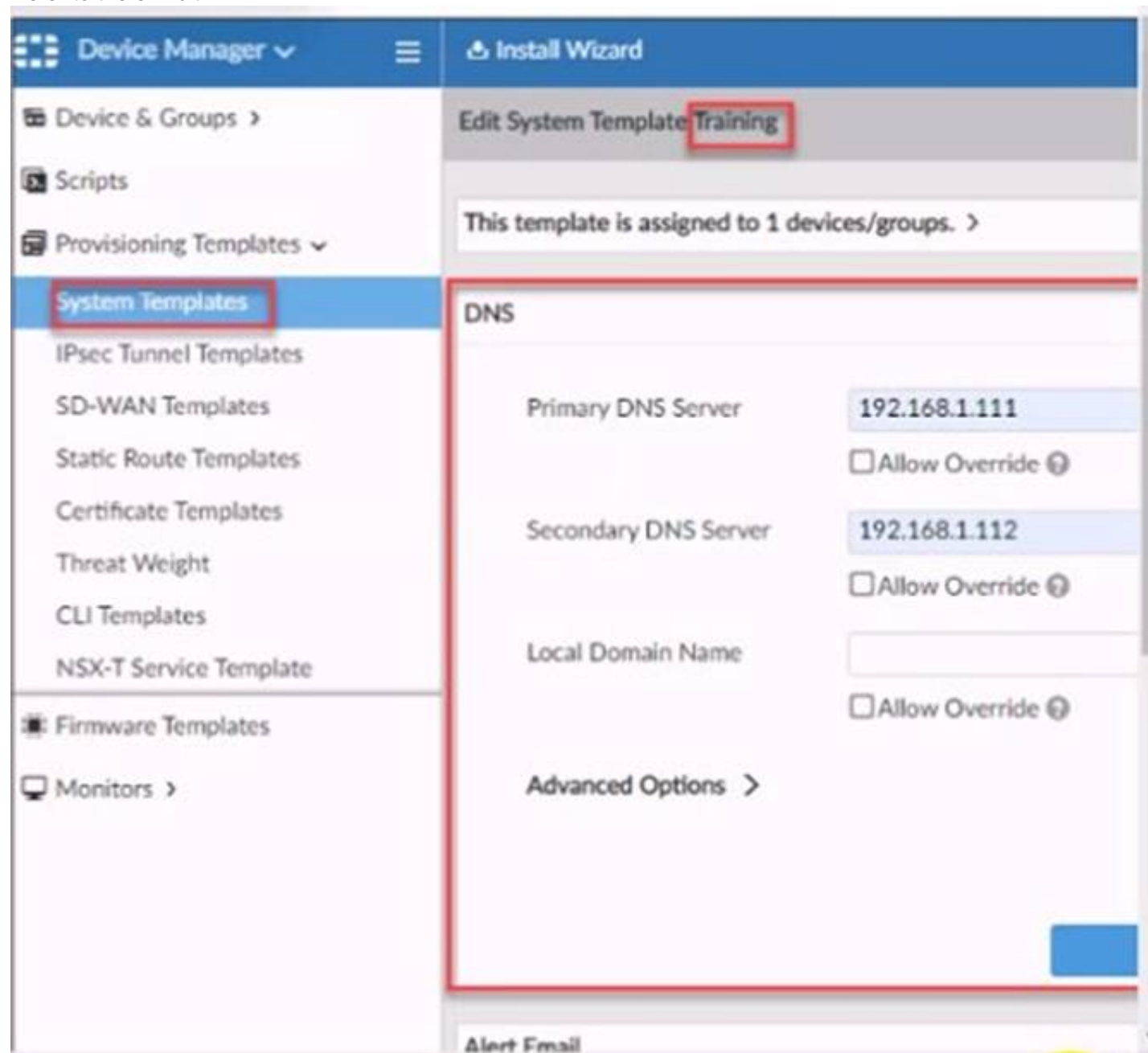
- C. By a QUESTION NO: mark(?) at the end of the device name
- D. By an Asterisk (\*) at the end of the device name

**Answer: D**

#### NEW QUESTION 65

- (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: A**

#### NEW QUESTION 70

- (Topic 3)

Which three settings are the factory default settings on FortiManager? (Choose three.)

- A. The administrative domain is disabled.
- B. The Port1 interface IP address is 192.168.1.99/24.
- C. Management Extension applications are enabled.
- D. The FortiManager setup wizard is disabled.
- E. FortiAnalyzer features are disabled.

**Answer: ABE**

#### NEW QUESTION 75

- (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 80

- (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 83

- (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 86

- (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 89

- (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 94

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