

# Fortinet

## Exam Questions NSE5\_FMG-7.0

Fortinet NSE 5 - FortiManager 7.0



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

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

**Answer:** CD

#### Explanation:

Reference:

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

#### NEW QUESTION 4

- (Exam Topic 1)

View the following exhibit.

The screenshot shows the FortiManager GUI. In the 'Device Manager' tab, under 'Managed FortiGate', there are 4 devices listed: Local-FortiGate, Remote-FortiGate, root [NAT] (Management), Student[NAT], and Trainer [NAT]. A red box labeled 'Managed FortiGate devices' highlights this list.

In the 'Policy Packages' tab, under 'Installation Targets', there is a list of targets: Installation Target, Remote-FortiGate, root [NAT][Management], Student[NAT], and Local-PortiGate. A red box labeled 'Installation targets' highlights this list.

In the 'Policy Package' tab, under 'Interface Pair View', there is a table showing the installation targets for three policies:

Seq.#	Install On	Name	From	To
1	Remote-FortiGate(Student) Local-FortiGate(root)	Ping_Access	port3	port1
2	Remote-FortiGate(Student)	Web	port3	port1
3	Installation Targets	Source_Device	port3	port1

A red box labeled 'Policy Package' highlights the table.

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.

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 7

- (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 8

- (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 9

- (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 10

- (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?

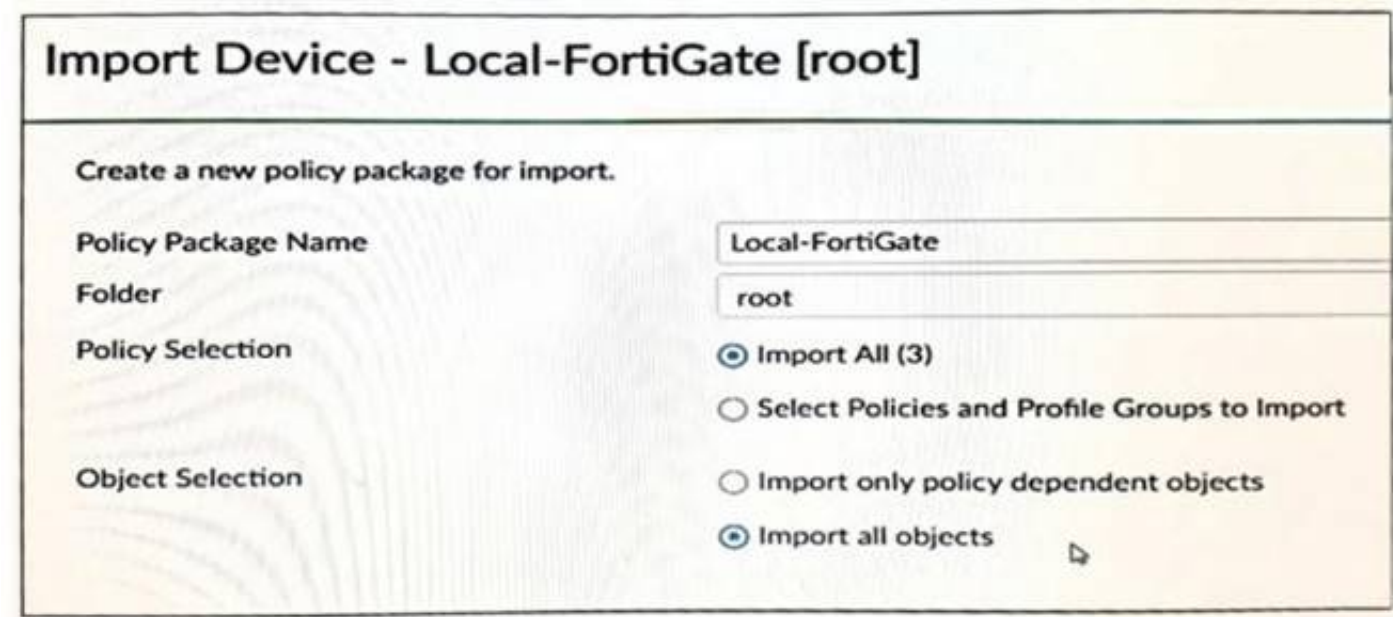
- A. Set to workflow and use the ADOM locking feature
- B. Set to read/write and use the policy locking feature
- C. Set to normal and use the policy locking feature
- D. Set to disable and use the policy locking feature

**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 10**  
- (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 12**  
- (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 14**  
- (Exam 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 the none address object in the referenced firewall policy  
D. FortiManager will replace the deleted address object with all address 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/12](https://help.fortinet.com/fmgr/50hlp/56/5-6-2/FortiManager_Admin_Guide/1200_Policy%20and%20Objects/12)

**NEW QUESTION 16**

- (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 21**

- (Exam 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 23**

- (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 25**

- (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 29**

- (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 30

- (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 33

- (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 36

- (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 40

- (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 41

- (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 42

- (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 43

- (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 46

- (Exam Topic 3)

In addition to the default ADOMs, an administrator has created a new ADOM named Training for FortiGate devices. The administrator authorized the FortiGate device on FortiManager using the Fortinet Security Fabric.

Given the administrator's actions, which statement correctly describes the expected result?

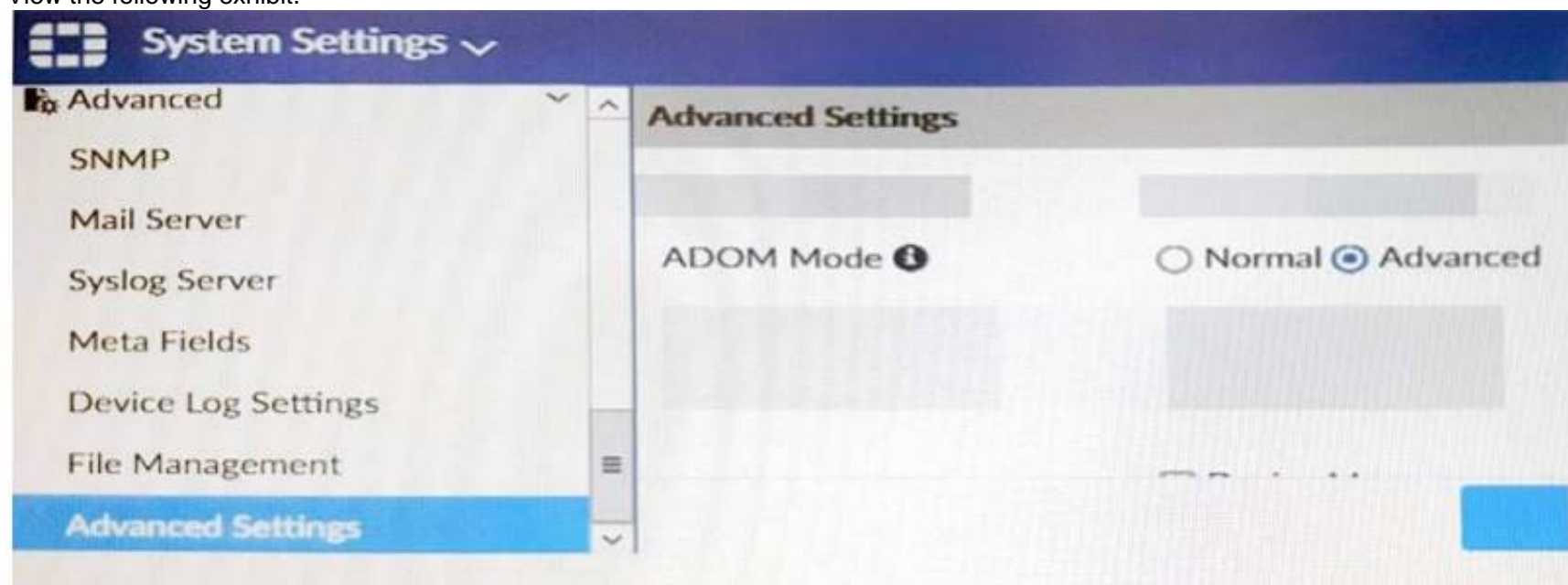
- A. The FortiManager administrator must add the authorized device to the Training ADOM using the Add Device wizard only.
- B. The authorized FortiGate will be automatically added to the Training ADOM.
- C. The authorized FortiGate will appear in the root ADOM.
- D. The authorized FortiGate can be added to the Training ADOM using FortiGate Fabric Connectors.

**Answer:** C

#### NEW QUESTION 48

- (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 49

- (Exam Topic 3)

What will happen if FortiAnalyzer features are enabled on FortiManager?

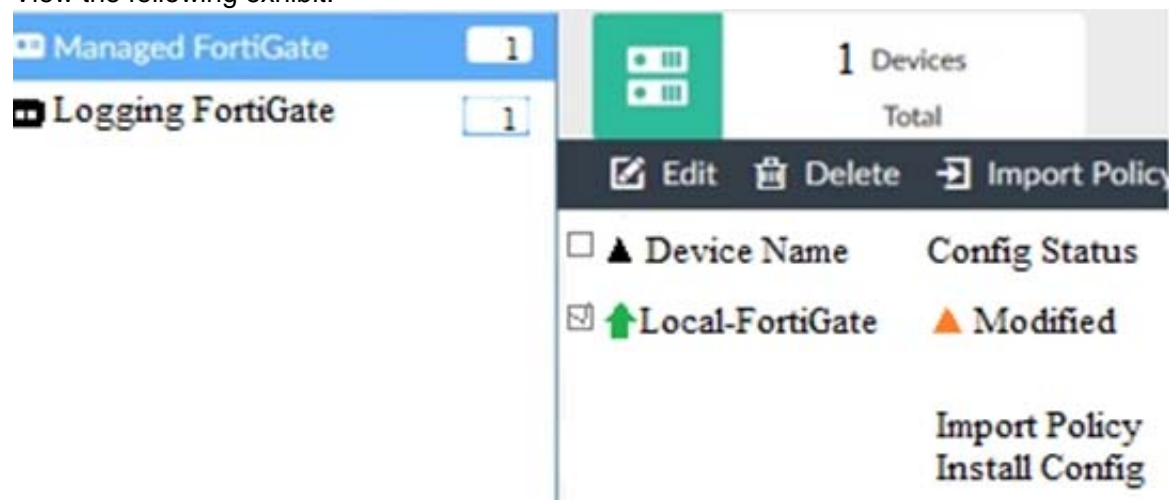
- A. FortiManager will keep all the logs and reports on the FortiManager.
- B. FortiManager will enable ADOMs to collect logs automatically from non-FortiGate devices.
- C. FortiManager will install the logging configuration to the managed devices
- D. FortiManager can be used only as a logging device.

**Answer:** C

#### NEW QUESTION 50

- (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 53

- (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 54

- (Exam Topic 3)

Which configuration setting for FortiGate is part of an ADOM-level database on FortiManager?

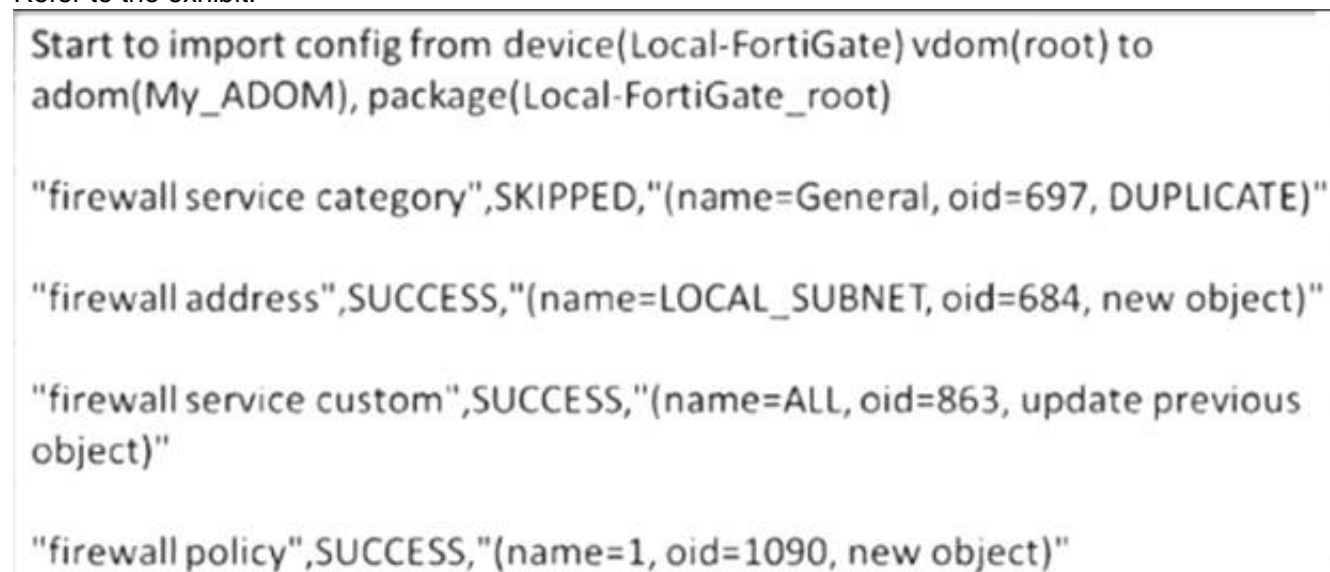
- A. NSX-T Service Template
- B. Security profiles
- C. SNMP
- D. Routing

**Answer:** B

### NEW QUESTION 59

- (Exam Topic 3)

Refer to the exhibit.



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 60

- (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 63

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