

# Fortinet

## Exam Questions NSE5\_FMG-7.0

Fortinet NSE 5 - FortiManager 7.0



**NEW QUESTION 1**

- (Topic 1)

An administrator would like to create an SD-WAN using central management in the Training ADOM.  
 To create an SD-WAN using central management, which two steps must be completed? (Choose two.)

- A. Specify a gateway address when you create a default SD-WAN static route
- B. Enable SD-WAN central management in the Training ADOM
- C. Configure and install the SD-WAN firewall policy and SD-WAN static route before installing the SD-WAN template settings
- D. Remove all the interface references such as routes or policies that will be a part of SD-WAN member interfaces

**Answer:** BD

**Explanation:**

Reference: <https://docs.fortinet.com/document/fortigate/6.0.0/cookbook/676493/removing-existing-configuration-references-to-interfaces>

**NEW QUESTION 2**

- (Topic 1)

An administrator, Trainer, who is assigned the Super\_User profile, is trying to approve a workflow session that was submitted by another administrator, Student. However, Trainer is unable to approve the workflow session.

What can prevent an admin account that has Super\_User rights over the device from approving a workflow session?

**Session List**

View Diff						
<input type="checkbox"/>	ID	Name	User	Date Submitt...	Approved/To...	Comments
<input checked="" type="checkbox"/>	1	Firewall p..	Student	2017-06-01...	0/1	firewall policies

+ Add Comment

[Student] - 2017-06-01 13:31:35  
 firewall policies  
 [Student] - 2017-06-01 16:29:27

- A. Trainer is not a part of workflow approval group
- B. Trainer does not have full rights over this ADOM
- C. Trainer must close Student's workflow session before approving the request
- D. Student, who submitted the workflow session, must first self-approve the request

**Answer:** A

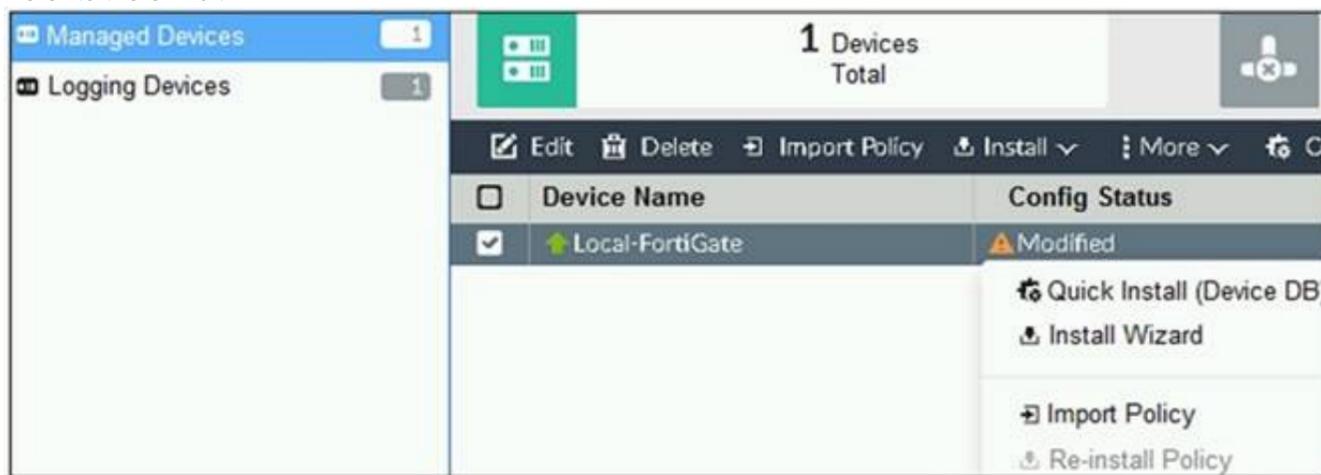
**Explanation:**

Reference: [https://help.fortinet.com/fmgr/50hlp/56/5-6-1/FMG-FAZ/0800\\_ADOMs/1800\\_Workflow/0600\\_Workflow%20sessions.htm](https://help.fortinet.com/fmgr/50hlp/56/5-6-1/FMG-FAZ/0800_ADOMs/1800_Workflow/0600_Workflow%20sessions.htm)

**NEW QUESTION 3**

- (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 4**

- (Topic 1)

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

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

**Answer:** AD

**Explanation:**

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

**NEW QUESTION 5**

- (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 6**

- (Topic 1)

View the following exhibit:

**Create New CLI Script**

[\[View Sample Script\]](#)

Script Name	Config
Comments	Write a comment 0/255
Type	CLI Script
Run Script on	Remote FortiGate Directly(via CLI)

**Script Detail**

```
config vpn ipsec phase1-interface
edit "H25_0"
set auto-discovery-sender enable
next
end
config system interface
edit "H25_0"
set vdom "root"
set ip 172.16.1.1 255.255.255.255
set remote-ip 172.16.1.254
next
end
config router bgp
set as 65100
set router-id 172.16.1.1
config neighbor-group
```

**Advanced Device Filters**

Which two statements are true if the script is executed using the Remote FortiGate Directly (via CLI) option? (Choose two.)

- A. You must install these changes using Install Wizard

- B. FortiGate will auto-update the FortiManager's device-level database.
- C. FortiManager will create a new revision history.
- D. FortiManager provides a preview of CLI commands before executing this script on a managed FortiGate.

**Answer:** BC

**NEW QUESTION 7**

- (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-quot/td-p/89973>

**NEW QUESTION 8**

- (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 9**

- (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:** D

**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 10**

- (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 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-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 11**

- (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 13**

- (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 17**

- (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 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 18**

- (Topic 3)

Refer to the exhibit.

The screenshot shows the FortiGate GUI with three main sections:

- Managed FortiGate devices:** A tree view on the left shows a hierarchy starting with 'Managed FortiGate (4)', followed by 'Local-FortiGate', 'Remote-FortiGate (2)', and sub-VDOMs like 'root', 'Student', and 'Trainer'. A connectivity diagram shows a green circle with the number '2'.
- Installation targets:** A list of targets including 'Local-FortiGate\_root', 'Remote-FortiGate', 'Trainer [NAT]', 'Student [NAT]', 'root [NAT] (Management)', and 'Local-FortiGate'.
- Policy package:** A table showing policy installation details:

#	Install On	Name	From	To
1	Remote-FortiGate (root) Remote-FortiGate (Student)	Ping_Access	port2	port1
2	Local-FortiGate (root) Remote-FortiGate (Student)	Web	port2	port1
3	Installation Targets	Source_Device	port2	port1
▼ Implicit (4-4 / Total: 1)				
4	Installation Targets	Implicit Deny	any	any

Given the configuration shown in the exhibit, what can you conclude from the installation targets in the Install On column? (Choose two)

- A. Policy seq # 2 will not be installed on the Local-FortiGate root VDOM because there is no root VDOM in the Installation Target
- B. Policy seq # 3 will be installed on all managed devices and VDOMs that are listed under Installation Targets
- C. Policy seq # 1 will be installed on the Remote-FortiGate root[NAT] and Student[NAT] VDOMs only
- D. Policy 3 will be installed on all FortiGate devices and vdom belongs to the ADOM
- E. Policy seq # 3 will be skipped because no installation targets are specified

**Answer: BC**

**NEW QUESTION 20**

- (Topic 3)  
View the following exhibit.

The screenshot shows the 'Managed FortiGate' section with a table listing devices:

Device Name	Config Status
Local-FortiGate	Modified

Below the table, the 'Install Config' option is highlighted, along with other actions like 'Edit', 'Delete', and 'Import Policy'.

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 25**

- (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 28

- (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 31

- (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 36

- (Topic 3)

Push updates are failing on a FortiGate device that is located behind a NAT device. Which two settings should the administrator check? (Choose two.)

- A. That the virtual IP address and correct ports are set on the NAT device
- B. That the NAT device IP address and correct ports are configured on FortiManager
- C. That the external IP address on the NAT device is set to DHCP and configured with the virtual IP
- D. That the override server IP address is set on FortiManager and the NAT device

**Answer:** BC

#### NEW QUESTION 40

- (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 41

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