

# Fortinet

## Exam Questions FCP\_FMG\_AD-7.6

FCP - FortiManager 7.6 Administrator



#### NEW QUESTION 1

Company policy dictates that any time a change is made to a policy package on FortiManager an ADOM revision is created before the change installed, and that revision is held for a minimum of 90 days.

Over the past three months, each installed change has resulted in several unused policies and duplicate objects. The FortiManager administrator plans to upgrade the FortiGate devices and then upgrade the FortiManager ADOM from version 7.4 to 7.6.

Which action can the administrator take to avoid slow ADOM upgrades?

- A. Check and repair the global configuration database before upgrading.
- B. Export firewall policies to Excel, delete them on the ADO
- C. then reimport them after upgrading the ADOM.
- D. Find unused firmware templates, then delete them before upgrading.
- E. Limit ADOM revisions before upgrading.

**Answer:** D

#### Explanation:

Limiting ADOM revisions reduces the number of stored historical configurations, which helps avoid performance degradation and slow ADOM upgrades caused by a large volume of revisions.

#### NEW QUESTION 2

An administrator has a FortiGate-HQ device with VDOMs—root, HR and Facilities, currently managed under the FortiManager ADOM—Site1. They try to move VDOM HR to the FortiManager ADOM—Site2, but it does not work.

Why is the administrator not able to move FortiGate-HQ VDOM HR to FortiManager ADOM—Site2?

- A. The FortiGate-HQ must be managed under the FortiManager ADOM—root to allow moving its VDOMs to different ADOMs.
- B. The administrator must have full access in the device layer of FortiGate-HQ VDOM-root before they can VDOMs to different ADOMs.
- C. FortiManager must be in ADOM normal mode, which does not allow VDOMs to be managed separately.
- D. The administrator must delete the FortiGate-HQ device from FortiManager and add it again using the Add Device wizard before moving the VDOM.

**Answer:** A

#### Explanation:

FortiGate devices must be managed under the FortiManager ADOM corresponding to the root VDOM to allow their individual VDOMs to be moved and managed in different ADOMs. Managing the root VDOM in a different ADOM prevents moving subordinate VDOMs across ADOMs.

#### NEW QUESTION 3

An administrator has assigned a global policy package to a new ADOM named ADOM1.

What will happen if the administrator tries to create a new policy package in ADOM1?

- A. The administrator will be able to select the option to assign the global policy package to the new policy package.
- B. FortiManager will automatically assign the global policy package to the new policy package.
- C. FortiManager will automatically install policies on the policy package in ADOM1.
- D. The administrator will have to assign the global policy package from the global ADOM.

**Answer:** A

#### Explanation:

When a global policy package is assigned to an ADOM, administrators creating new policy packages within that ADOM have the option to select and assign the global policy package to the new policy package if desired.

#### NEW QUESTION 4

You want to let multiple administrators work in the same ADOM without creating configuration conflicts.

What is the best and the most effective solution to apply?

- A. Configure RADIUS authentication to assign ADOM roles to each user.
- B. Enable workflow mode, which is the only way to prevent concurrent configuration conflicts.
- C. Assign administrators with JSON API access to the FortiManager.
- D. Activate workspace mode in the ADOM settings.

**Answer:** D

#### Explanation:

Activating workspace mode in the ADOM settings allows multiple administrators to work concurrently in the same ADOM by isolating their configuration changes in separate workspaces, preventing conflicts and enabling effective collaboration.

#### NEW QUESTION 5

Push updates are failing on a FortiGate device located behind a network address translation (NAT) device? Which two settings should the administrator check to correct this problem? (Choose two.)

- A. Make sure the NAT device IP address and the correct ports are configured on FortiManager.
- B. Make sure FortiGuard updates and web service are enabled on the FortiGuard service interface.
- C. Make sure the virtual IP address and the correct ports are configured on the NAT device.
- D. Make sure the Bind to IP address option on the FortiGuard service interface is set to the virtual IP address from the NAT device.

**Answer:** AC

**Explanation:**

FortiManager must have the NAT device's IP address and correct ports configured to communicate properly with the FortiGate behind NAT. The NAT device must have the correct virtual IP address and ports configured to allow push updates to reach the FortiGate device.

**NEW QUESTION 6**

Which output is displayed right after moving the ISFW device from one ADOM to another?

A)

```
FortiManager # diagnose dvm device list ISFW
--- There are currently 4 devices/vdoms managed ---
--- There are currently 4 devices/vdoms count for license ---

TYPE          OID    SN              HA    IP          NAME      ADOM    IPS          FIRMWARE
fmgfaz-managed 325    FGVM010000077646 -    10.0.1.200 ISFW      ADOM76  7.00741 (regular) 7.0 MR6 (2463)
|- STATUS: dev-db: not modified; conf: in sync; cond: OK; dm: autoupdated; conn: up
|- vdom:[3]root flags:1 adom:ADOM76 pkg:[out-of-sync]ISFW
```

B)

```
FortiManager # diagnose dvm device list ISFW
--- There are currently 4 devices/vdoms managed ---
--- There are currently 4 devices/vdoms count for license ---

TYPE          OID    SN              HA    IP          NAME      ADOM    IPS          FIRMWARE
fmgfaz-managed 325    FGVM010000077646 -    10.0.1.200 ISFW      ADOM76  7.00741 (regular) 7.0 MR6 (2463)
|- STATUS: dev-db: not modified; conf: in sync; cond: OK; dm: installed; conn: up
|- vdom:[3]root flags:0 adom:ADOM76 pkg:[imported]ISFW
```

C)

```
FortiManager # diagnose dvm device list ISFW
--- There are currently 4 devices/vdoms managed ---
--- There are currently 4 devices/vdoms count for license ---

TYPE          OID    SN              HA    IP          NAME      ADOM    IPS          FIRMWARE
fmgfaz-managed 325    FGVM010000077646 -    10.0.1.200 ISFW      ADOM76  7.00741 (regular) 7.0 MR6 (2463)
|- STATUS: dev-db: not modified; conf: in sync; cond: OK; dm: installed; conn: up
|- vdom:[3]root flags:0 adom:ADOM76 pkg:[never-installed]
```

D)

```
FortiManager # diagnose dvm device list ISFW
--- There are currently 4 devices/vdoms managed ---
--- There are currently 4 devices/vdoms count for license ---

TYPE          OID    SN              HA    IP          NAME      ADOM    IPS          FIRMWARE
fmgfaz-managed 325    FGVM010000077646 -    10.0.1.200 ISFW      ADOM76  7.00741 (regular) 7.0 MR6 (2463)
|- STATUS: dev-db: not modified; conf: in sync; cond: OK; dm: retrieved; conn: up
|- vdom:[3]root flags:0 adom:ADOM76 pkg:[unknown]ISFW
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer: C**

**Explanation:**

Right after moving the ISFW device to a new ADOM, the status typically shows the policy package as never-installed, indicating that the device has been assigned to the new ADOM but no policy package has yet been installed in that ADOM.

**NEW QUESTION 7**

Refer to the exhibit.

## FortiManager address object

Edit Address - LAN
✕

Category

Address ▼

Name

LAN

Color

Change

Type i

Subnet ▼

IP/Netmask

Interface

any ▼

Static Route Configuration

Comments

0/255

Add To Groups

Click to select

Advanced Options >

Per-Device Mapping ▼

+ Create New
✎ Edit
🗑 Delete

Search... 🔍 ✖

<input type="checkbox"/>	Mapped Device <span style="float: right;">⇅</span>	Details <span style="float: right;">⇅</span>	
<input type="checkbox"/>	BR1-FGT-1 [root]	IP/Netmask: 10.10.10.5/255.255.255.255	
<input type="checkbox"/>	HQ-NGFW-1 [root]	IP/Netmask: 172.16.5.20/255.255.255.255	
<input type="checkbox"/>	Remote-Firewall [root]	IP/Netmask: 21.21.2.5/255.255.255.255	

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An administrator has created a firewall address object that is used in multiple policy packages for multiple FortiGate devices in an ADOM. After the installation operation is performed, which IP/netmask will be installed on Remote-Firewall [VDM1] for the LAN firewall address object?

- A. 21.21.2.5/255.255.255.255
- B. 172.16.5.20/255.255.255.255
- C. 172.16.5.0/255.255.255.0
- D. 10.10.10.5/255.255.255.255

Answer: A

**Explanation:**

The per-device mapping overrides the global IP/netmask setting for the firewall address object. For the device "Remote-Firewall," the mapped IP/netmask is 21.21.2.5/255.255.255.255, so this value will be installed on Remote-Firewall [VDM01].

**NEW QUESTION 8**

Refer to the exhibit.

**FortiManager script**

Which two results occur if you run the script using the Device Database option? (Choose two.)

- A. The device Config Status is tagged as Modified.
- B. The script history shows the successful installation of the script on the remote FortiGate.
- C. The successful execution of a script on the Device Database creates a new revision history.
- D. The administrator must install these changes on a managed device using the Install Wizard.

**Answer:** AD

**Explanation:**

Running a script on the Device Database marks the configuration as modified but does not immediately apply changes to the device. The administrator must use the Install Wizard to push and install these changes from the Device Database onto the managed device.

**NEW QUESTION 9**

Refer to the exhibits.

**Firewall policies**

	#	Name	From	To	Source	Destination	Schedule
<input type="checkbox"/>	1	Internet	port4	port2	Internal HR_user	all	always
<input type="checkbox"/>	2	FMG Administration	port2	port6	all	VIP-FMG	always
<input type="checkbox"/>	3	Internal FMG access	port4	port6	all	all	always
<input type="checkbox"/>	4	FMG outside access	port6	port2	HQ-FMG-1	all	always

**Installation target**

Installation Target	Config Status	Policy Package Status
<input type="checkbox"/> Installation Target		
<input type="checkbox"/> HQ-NGFW-1	✓ Synchronized	⚠ HQ-NGFW-1

**BR1-FGT-1 FortiTokens**

Type	Serial Number	Status	User
<input type="checkbox"/> Mobile Token	FTKMOB4A9AC5C56D	Available	*
<input type="checkbox"/> Mobile Token	FTKMOB4AE1B8B609	Available	*

An administrator needs to push a FortiToken Mobile to assign it to HR\_user in the HQ-NGFW-1. However, when installing the policy package, they receive the following error message:

**Copy device global objects**

**Vdom copy failed:**  
**error -999 -**

```
Copy objects for vdom root
"firewall policy", "1", id=5532, COMMIT FAIL - invalid value - prop[user fortitoken]:
Mobile FortiToken FTKMOB4A9AC5C56D used by user local HR_user could not be found at
device
"user local", "FTKMOB4A9AC5C56D", id=5586, COMMIT FAIL - invalid value - prop[user
fortitoken]: Mobile FortiToken FTKMOB4A9AC5C56D used by user local HR_user could not
be found at device
```

Why is the administrator not able to install the FortiToken on the HQ-NGFW-1 firewall?

- A. The administrator must use a user local meta field to assign FortiToken.
- B. The administrator must use a valid FortiToken that exists on HQ-NGFW-1.
- C. The administrator must use a metadata variable to assign the same FortiToken to multiple users in FortiManager.
- D. The administrator must use per-device mapping to assign the FortiToken to HQ-NGFW-1.

**Answer: B**

**Explanation:**

The error occurs because the FortiToken used (FTKMOB4A9AC5C56D) must already exist and be registered on the FortiGate device HQ-NGFW-1. FortiManager cannot push or create new FortiTokens on the device; the token must be valid and present on the FortiGate before it can be assigned to a user.

**NEW QUESTION 10**

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