

# Fortinet

## Exam Questions FCP\_FMG\_AD-7.6

FCP - FortiManager 7.6 Administrator



**NEW QUESTION 1**  
Refer to the exhibits.

**Diagnose output**

```
FortiManager # get system status
Platform Type           : FMG-VM64-KVM
Platform Full Name      : FortiManager-VM64-KVM
Version                 : v7.6.1-build3344 241023 (GA.M)
Serial Number           : FMG-VMTM24012945
BIOS version            : 04000002
```

**Diagnose output**

```
FortiManager # diagnose dvm device list
--- There are currently 5 devices/vdoms managed ---
--- There are currently 5 devices/vdoms count for license ---

TYPE          OID   SN              HA   IP           NAME          ADOM   IPS          FIRMWARE
fmgfaz-managed 230  FGVMO2TM24013423 -   10.0.13.254  FGVMO2TM24013423 root    7.0 MR6 (3401) N/A
|- STATUS: dev-db: not modified; conf: in sync; cond: OK; dm: retrieved; conn: up
|- vdom:[3]root flags:0 adom:root pkg:[never-installed]
unregistered   167  FGVMO2TM24013501 -   192.168.1.3  FGVMO2TM24013501 root    7.0 MR6 (3401) N/A
|- STATUS: dev-db: unknown; conf: out of sync; cond: unregistered; dm: none; conn: unknown
|- vdom:[3]root flags:0 adom:root pkg:[never-installed]
unregistered   209  FGVMO2TM24013502 -   192.168.1.101 FGVMO2TM24013502 root    7.0 MR6 (3401) N/A
|- STATUS: dev-db: unknown; conf: out of sync; cond: unregistered; dm: none; conn: unknown
|- vdom:[3]root flags:0 adom:root pkg:[never-installed]
unregistered   188  FGVMO2TM24013504 -   192.168.1.111 FGVMO2TM24013504 root    7.0 MR6 (3401) N/A
|- STATUS: dev-db: unknown; conf: out of sync; cond: unregistered; dm: none; conn: unknown
|- vdom:[3]root flags:0 adom:root pkg:[never-installed]
fmgfaz-model   262  -              -   -            HQ-NGFW      My_ADOM 7.0 MR6 (3401) N/A
|- STATUS: dev-db: unknown; conf: unknown; cond: unknown; dm: unknown; conn: unknown
|- vdom:[3]root flags:0 adom:My_ADOM pkg:[never-installed]

FortiManager # diagnose test deploymanager reloadconf 262
Retriving configuration file from FGT...
Error: Configuration file import error.
```

An administrator runs the reload failure command `diagnose test deploymanager reloadconf 262` on FortiManager. Why does the administrator receive an error message?

- A. The administrator must use the FortiGate name instead of the ID number.
- B. The administrator just recently added FortiGate HQ-NGFW as a model device.
- C. FortiManager requires the FortiGate serial number instead of the ID number.
- D. FortiManager does not support FortiOS version 7.0.

**Answer: B**

**Explanation:**

The error occurs because the FortiGate HQ-NGFW device with ID 262 is a newly added model device and has not yet been fully synchronized or installed with a configuration package, which causes the reload configuration command to fail.

**NEW QUESTION 2**

The administrator uses FortiManager to push a CLI script using the Remote FortiGate Directly (via CLI) option to configure an IPsec VPN. However, when running the script, the administrator receives the following error:

```
config vpn ipsec phase2-interface [parameter(s) invalid. detail: object mismatch]
```

What must the administrator do to resolve the script error and successfully apply the IPsec configuration?

- A. Add the end command after finishing the IPsec phase 1-interface configuration block.
- B. Use IPsec templates to deploy provisioning templates.
- C. Add a second `config vpn ipsec phase2-interface` block without linking it to phase1.
- D. Run the script using the policy package or ADOM database method.

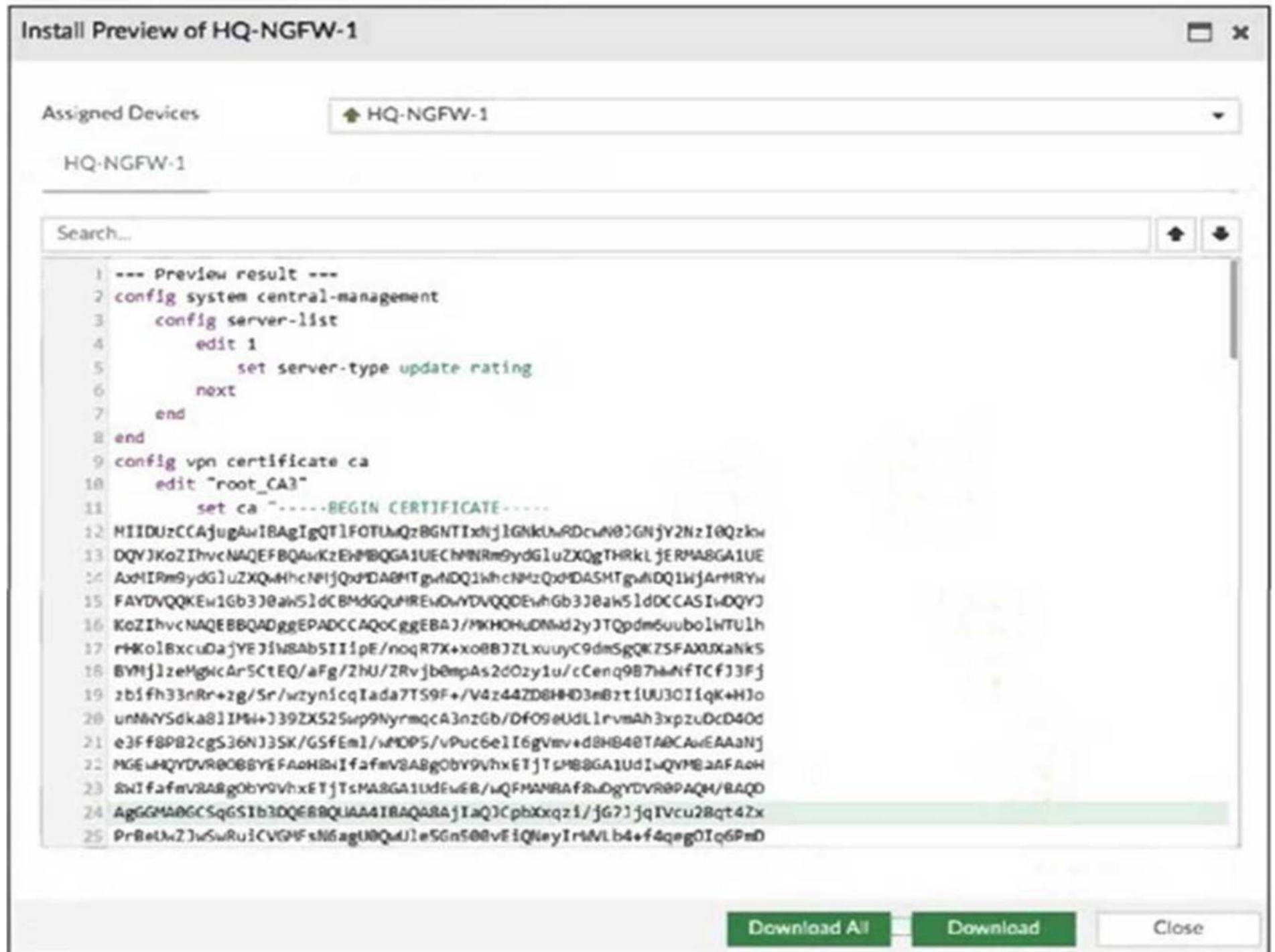
**Answer: D**

**Explanation:**

Running the script through the policy package or ADOM database method allows FortiManager to properly interpret object relationships and dependencies in the IPsec configuration, preventing object mismatch errors when pushing complex VPN settings directly via CLI.

**NEW QUESTION 3**  
Refer to the exhibit.

**FortiManager—HQ-NGFW-1 install preview**



An administrator assigned a new policy package to FortiGate HQ-NGFW-1. In the installation preview, they noticed some settings they did not modify and are unsure about the changes. Based on the exhibit, which two things will happen if they continue with the installation? (Choose two.)

- A. FortiGate HQ-NGFW-1 can use FortiManager firmware templates to upgrade firmware and ratings.
- B. FortiGate HQ-NGFW-1 can contact the FortiManager acting as FortiGuard Distribution Server (FDS) to download FortiGuard updates.
- C. FortiGate HQ-NGFW-1 will use the root\_CA3 certificate in firewall address objects or policies.
- D. FortiManager will install the CA certificate named root\_CA3 to authenticate FortiGate-to-FortiManager communication protocol (FGFM) tunnel connections with FortiGate HQ-NGFW-1.

**Answer:** BD

**Explanation:**

The configuration includes a server-list with server-type set to "update rating," which enables FortiGate HQ-NGFW-1 to contact FortiManager as a FortiGuard Distribution Server (FDS) for FortiGuard updates. The installation includes a root\_CA3 certificate, which FortiManager will install on FortiGate HQ-NGFW-1 to authenticate FGFM tunnel connections between the devices.

**NEW QUESTION 4**

An administrator wants to configure and manage multiple objects in the FortiManager database and give access to other users who work in the same database. To stay in control of the changes made to firewall policies by other team members, the administrator needs a setup where all modifications go through a central check before they can be installed. How can the administrator create this setup?

- A. Enable the prompt asking the administrator to accept firewall policies changes before saving.
- B. Enable the workspace (for all ADOMs) to control all changes made by any administrator.
- C. Enable device lock and the advanced mode feature in the ADOM.
- D. Enable workflow mode and the ADOM lock feature.

**Answer:** D

**Explanation:**

Enabling workflow mode along with the ADOM lock feature ensures that all configuration changes go through a centralized review and approval process before installation, allowing controlled and coordinated management of firewall policies by multiple administrators.

**NEW QUESTION 5**

What is the best explanation of how FortiManager helps with mass provisioning?

- A. It upgrades the OS of each FortiGate device.
- B. It provides local FortiGuard Distribution Server (FDS) services to the network.
- C. It uses templates to configure the same settings on many devices simultaneously.
- D. It sends email alerts when new devices connect.

**Answer: C**

**Explanation:**

FortiManager helps with mass provisioning by using templates that allow administrators to configure the same settings on multiple FortiGate devices simultaneously, streamlining deployment and management.

**NEW QUESTION 6**

Refer to the exhibits.

**FortiManager device database**

The screenshot shows the FortiManager device database interface. On the left, a sidebar lists managed devices: BR1-FGT-1, HQ-NGFW-1, Local-Firewall, and Remote-Firewall. The main area features two donut charts: 'Connectivity' (2 Connection, 2 Model Device) and 'Device Conf' (Synchronized, Modified). Below the charts is a table with columns: Device Name, Config Status, Provisioning Templates, and Policy Package Status.

Device Name	Config Status	Provisioning Templates	Policy Package Status
BR1-FGT-1	✓ Synchronized	✓ default	BR1-FGT-1
HQ-NGFW-1	▲ Modified	▲ default	✓ HQ-NGFW-1
Local-Firewall	▲ Modified	▲ default	▲ Central
Remote-Firewall	▲ Modified	▲ default	▲ Central

**Installation Targets Central policy package**

The screenshot shows the 'Installation Targets Central policy package' interface. It includes a table with columns: Installation Target, Config Status, and Policy Package Status.

Installation Target	Config Status	Policy Package Status
BR1-FGT-1	✓ Synchronized	BR1-FGT-1
Local-Firewall	Unknown	▲ Central
Remote-Firewall	Unknown	▲ Central

An administrator has been asked to install the same policies from a central policy package onto the BR1-FGT- 1 firewall. The administrator added BR1-FGT-1 as a target in the central policy package installation. What should the administrator do when reinstalling the central policy package on the BR1-FGT-1 firewall?

- A. Assign only one policy package to the firewall because FortiManager does not allow more than one policy package assigned per device at the same time.
- B. Import the policy package to change the unknown status and synchronize the policy package.
- C. Use the install wizard to install the central policy package on the BR1-FGT-1 firewall.
- D. First resolve the modified status in the configuration and provisioning templates to allow a smooth installation.

**Answer: C**

**Explanation:**

Using the Install Wizard is the recommended method to reinstall the central policy package on the BR1-FGT- 1 firewall, ensuring all settings, installation targets, and dependencies are correctly processed during installation.

**NEW QUESTION 7**

An administrator is copying a system template profile between ADOMs by running the following command:  
 execute fmprofile export-profile ADOM 3547 /tmp/Backup\_File  
 output dump to file: [/tmp/Backup\_File]  
 Where does this command export the system template profile from?

- A. FortiManager /tmp/Backup\_File folder

- B. FortiManager ADOM policy database
- C. ADOM device database
- D. FortiManager configuration backup file

**Answer:** B

**Explanation:**

The command exports the system template profile from the FortiManager ADOM policy database, which stores the configuration templates for devices within that ADOM.

**NEW QUESTION 8**

Refer to the exhibits.

**Device Revision Diff wizard**

An administrator needed to recover all the configurations related to the user, Support. The configurations were saved in configuration revision ID 9. The administrator reverted the configuration using the Configuration Revision History window and received the CLI output shown in the exhibit. What can you conclude from the CLI output?

- A. The administrator set the flag to 0 to prevent configuration overrides.
- B. The administrator reinstalled the policy package.
- C. The administrator needs to retrieve the device to correctly detect the FortiGate firmware version.
- D. The administrator installed only the device-level configuration.

**Answer:** C

**Explanation:**

The CLI output shows the status "dev-db: not modified; conf: in sync; cond: OK; dm: installed," but the firmware version for the device is listed as "[unknown]." This indicates that FortiManager has not properly detected the FortiGate firmware version, likely because the device needs to be retrieved to update its information.

**NEW QUESTION 9**

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 10**

A service provider administrator has assigned a global policy package to a managed customer ADOM named My\_ADOM. The customer administrator has access only to My\_ADOM.

How can the customer administrator edit the global header policy of the global policy package?

- A. The customer administrator can edit the header policy by using workspace mode on the global ADOM.
- B. The customer administrator can edit the header policy by using workflow mode on the global ADOM and My\_ADOM.
- C. The service provider administrator can unlock the global policy from the global ADOM to authorize changes to the customer administrator.
- D. The customer administrator cannot edit the global header policy; only the service provider administrator can make changes from the global ADOM.

**Answer: D**

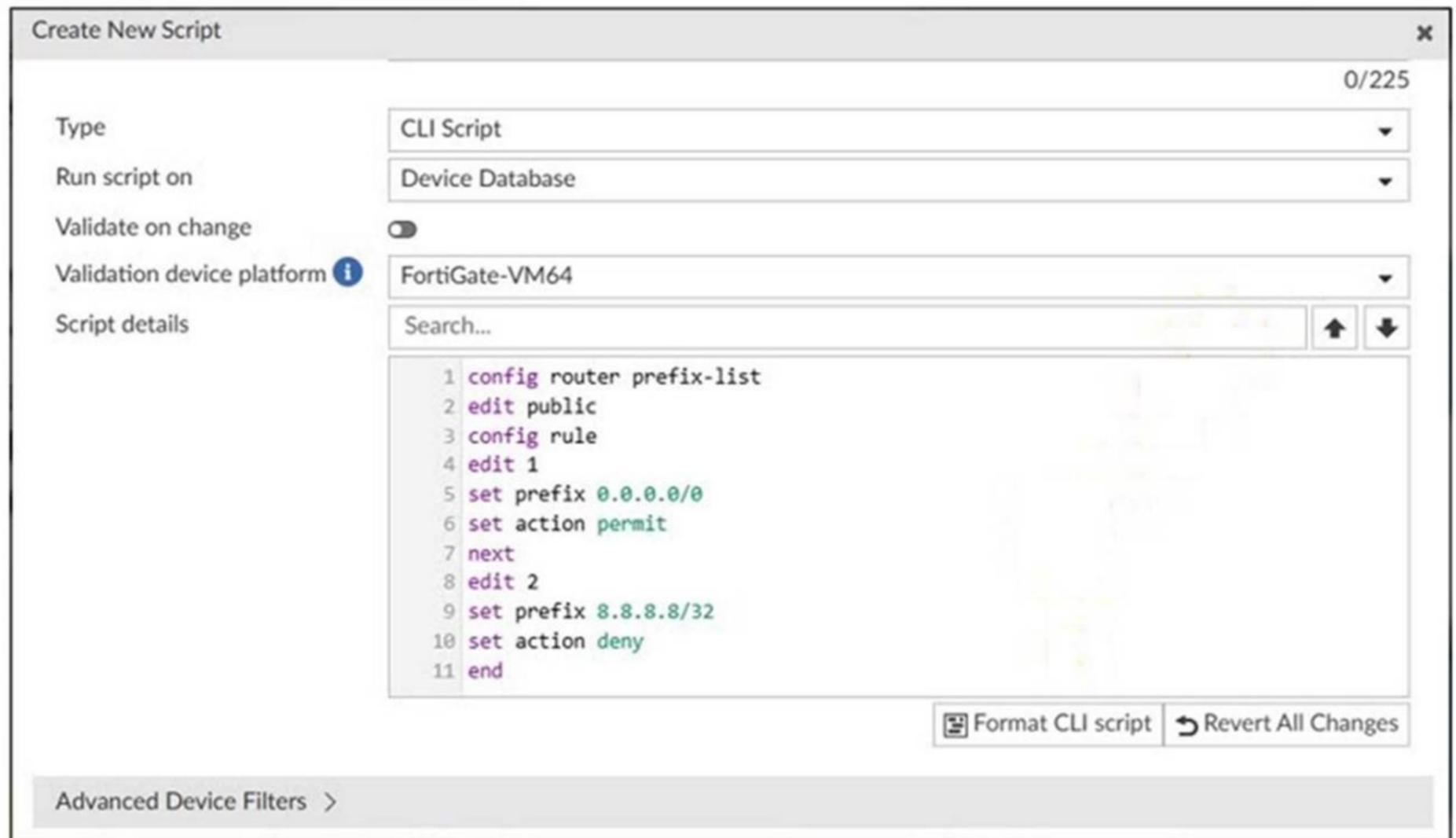
**Explanation:**

The global policy package is managed only from the global ADOM by the service provider administrator. Customer administrators with access solely to their ADOM (My\_ADOM) cannot edit the global header policy; such changes must be made by the service provider administrator in the global ADOM.

**NEW QUESTION 10**

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 12**

After correcting a policy package configuration issue, you want to prevent administrators from repeating the mistake that caused the issue. Which FortiManager approach best meets this need?

- A. Configure an TCL script to run locally on FortiManager for each FortiGate.
- B. Restrict administrators with an administration profile from viewing the revision history to limit who can make changes.
- C. Enable the change note to require administrators to add a note whenever they change object configurations.
- D. Enable a workflow requiring approval before installing policy packages on any FortiGate.

**Answer:** D

**Explanation:**

Enabling a workflow with approval ensures that any policy package changes must be reviewed and approved before installation, preventing administrators from repeating configuration mistakes and enforcing change control.

**NEW QUESTION 13**

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