

Exam Questions FCP_FMG_AD-7.4

FCP - FortiManager 7.4 Administrator

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NEW QUESTION 1

Which two statements about Security Fabric integration with FortiManager are true? (Choose two.)

- A. The Fabric View module enables you to generate the Security Fabric ratings for Security Fabric devices.
- B. The Security Fabric settings are part of the device-level settings.
- C. The Fabric View module enables you to view the Security Fabric ratings for Security Fabric devices.
- D. The Security Fabric license, group name, and password are required for the FortiManager Security Fabric integration.

Answer: AC

Explanation:

Two statements about Security Fabric integration with FortiManager that are true are:

? A. The Fabric View module enables you to generate the Security Fabric ratings for Security Fabric devices.

? C. The Fabric View module enables you to view the Security Fabric ratings for Security Fabric devices.

Options B and D are incorrect because:

? B is misleading as the Security Fabric settings are generally configured and managed separately from other device-level settings.

? D is incorrect as there is no specific requirement for a Security Fabric license, group name, and password solely for FortiManager integration.

FortiManager References:

? Refer to FortiManager 7.4 Security Fabric Integration Guide: Managing Security Fabric and Generating Security Fabric Ratings.

NEW QUESTION 2

An administrator configures a new OSPF area on FortiManager and has not yet pushed the changes to the managed FortiGate device. In which database will the configuration be saved?

- A. Device-level database
- B. ADOM-level database
- C. Configuration-level database
- D. Revision history database

Answer: A

Explanation:

When an administrator configures a new OSPF area on FortiManager but has not yet pushed the changes to the managed FortiGate device, the configuration is saved in the Device-level database.

Explanation of Options:

? A. Device-level database:

? B. ADOM-level database:

? C. Configuration-level database:

? D. Revision history database:

NEW QUESTION 3

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

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

Answer: CD

Explanation:

The FortiGate-FortiManager (FGFM) protocol is used for communication between a FortiGate device and FortiManager. The keepalive messages are essential for maintaining communication and monitoring the health of the FortiGate devices connected to FortiManager. These messages provide important status information about the device. Here are the items included in an FGFM keepalive message:

? A. FortiGate IPS version

? B. FortiGate license information

? C. FortiGate configuration checksum

? D. FortiGate uptime

NEW QUESTION 4

In the event that one of the secondary FortiManager devices fails, which action must be performed to return the FortiManager HA manual mode to a working state?

- A. The FortiManager HA state transition is transparent to administrators and does not require any reconfiguration.
- B. Reboot the failed device to remove its IP from the primary device.
- C. Manually promote one of the working secondary devices to the primary role, and reboot the old primary device to remove the peer IP of the failed device.
- D. Reconfigure the primary device to remove the peer IP of the failed device.

Answer: C

Explanation:

When a secondary FortiManager device fails in HA manual mode, an administrator must manually promote one of the working secondary devices to the primary role and reboot the old primary device to remove the peer IP of the failed device. This ensures the HA configuration is updated correctly, and the network remains resilient.

Options A, B, and D are incorrect because:

? A suggests the transition is transparent, which is true only in automatic mode, not in manual mode.

? B and D imply simpler steps that do not fully address the HA reconfiguration process in manual mode.

FortiManager References:

? Refer to FortiManager 7.4 High Availability (HA) Configuration Guide: Manual Mode Configuration and Failover Procedures.

NEW QUESTION 5

Refer to the exhibit.

FortiManager script

Create New Script

Script Name

Routing

Comments

Type

CLI Script

Run script on

Device Database

Script details

Search...

1 config router prefix-list

2 edit public

3 config rule

4 edit 1

5 set prefix 0.0.0.0/0

6 set action permit

7 next

8 edit 2

9 set prefix 8.8.8.8/32

10 set action deny

11 end

Revert All Changes

Advanced Device Filters >

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

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

Answer: AD

Explanation:

If the script is run using the "Device Database" option on FortiManager, the following occurs:
? A.You must install these changes on a managed device using the Install Wizard.
? D.The device Config Status is tagged as Modified. Options B and C are incorrect because:
? Bsuggests a new revision history is created, but this only happens when changes are actually installed on the managed device.
? Cimplies the script is directly executed on the FortiGate, which is not the case when using the Device Database option.

FortiManager References:

? Refer to FortiManager 7.4 Administrator Guide: Scripting and Configuration Management.

NEW QUESTION 6

What must you consider before deciding to use FortiManager to manage a FortiAnalyzer device?

- A. Confirm that FortiManager has enough storage capacity for the expected logs.
- B. Ensure that FortiAnalyzer features are installed in advance.
- C. Check whether FortiManager is part of a high availability (HA) cluster.
- D. Determine whether the VDOMs of the same FortiGate will be assigned to different ADOMs.

Answer: B

Explanation:

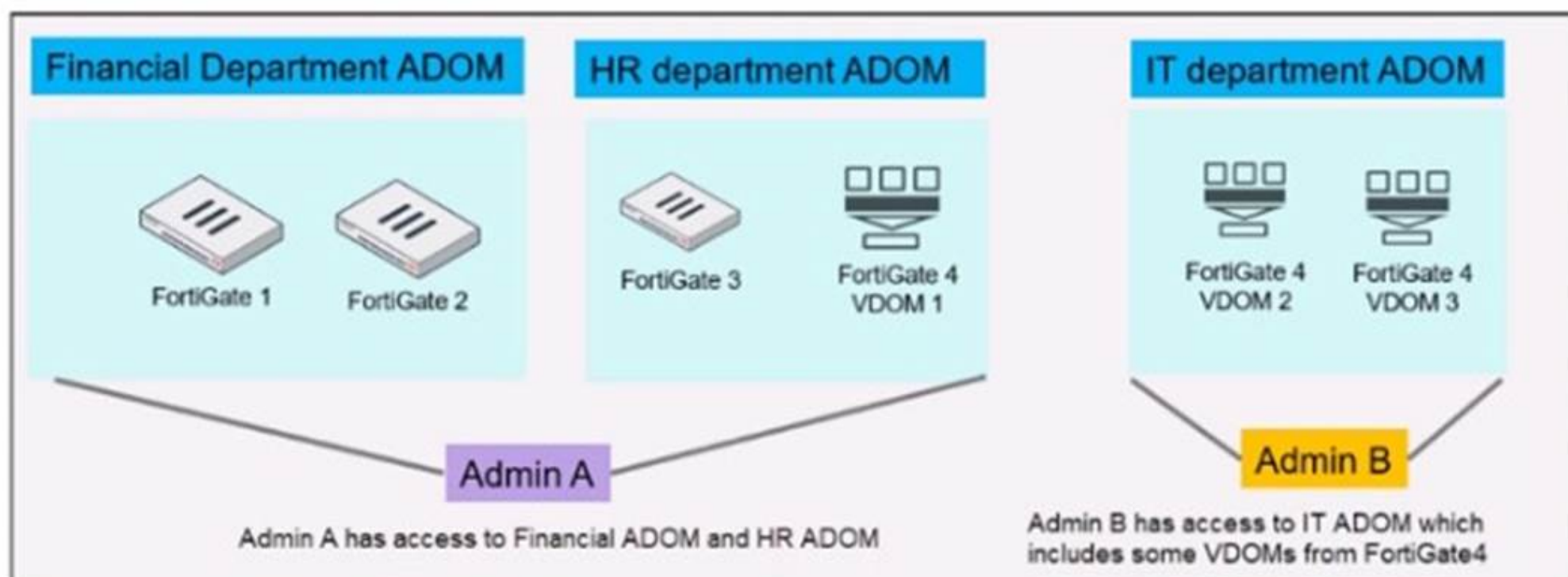
When deciding to use FortiManager to manage a FortiAnalyzer device, you must ensure certain conditions are met so that the integration works seamlessly. One key aspect to consider is whether the necessary FortiAnalyzer features are enabled on FortiManager.

Explanation of Options:

- ? A. Confirm that FortiManager has enough storage capacity for the expected logs.
- ? B. Ensure that FortiAnalyzer features are installed in advance.
- ? C. Check whether FortiManager is part of a high availability (HA) cluster.
- ? D. Determine whether the VDOMs of the same FortiGate will be assigned to different ADOMs.

NEW QUESTION 7

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. The FortiManager administrator must set the ADOM device mode to Advanced
- B. Policies and objects databases can be shared between the Financial and HR ADOMs.
- C. An administrator with the super user profile can access all the VDOMs.
- D. The administrator must configure FortiManager in workspace normal mode.

Answer: AC

Explanation:

Based on the exhibit, the FortiManager administrator is setting up three ADOMs (Administrative Domains) that correspond to different departments (Financial, HR, and IT). Each ADOM has specific FortiGate devices or VDOMs (Virtual Domains) assigned to it, with different administrators managing the ADOMs.

Explanation of Options:

- ? A. The FortiManager administrator must set the ADOM device mode to Advanced.
- ? B. Policies and objects databases can be shared between the Financial and HR ADOMs.
- ? C. An administrator with the super user profile can access all the VDOMs.
- ? D. The administrator must configure FortiManager in workspace normal mode.

Conclusion:

- ? A is correct because Advanced mode is necessary for managing VDOMs within ADOMs.
- ? C is correct because a super user can access all VDOMs and ADOMs without restrictions.

NEW QUESTION 8

Refer to the exhibit which shows the Download Import Report.


```
Start to import config from device(Remote-FortiGate) vdom(root) to
adom(root), package(Remote-FortiGate_root)

"firewall address",SKIPPED,"(name=all, oid=2309, DUPLICATE)"

"firewall address",FAIL,"(name=REMOTE_SUBNET, oid=2311,
reason=interface((firewall address:REMOTE_SUBNET) any<-port6) binding
fail)"

"firewall policy",FAIL,"(name=1, oid=3070, reason=interface(interface binding
contradiction. detail: (firewall address:REMOTE_SUBNET) any<-port6) binding
fail)"
```

Why is FortiManager failing to import firewall policy ID 1?

- A. Policy ID 1 is configured from the interface any to port6. FortiManager rejects the request to import this policy because the any interface does not exist on FortiManager
- B. Policy ID 1 for this managed FortiGate already exists on FortiManager in the policy package named Remote-FortiGate.
- C. Policy ID 1 has an address object that already exists in the ADOM database with any as the interface association, and conflicts with the address object interface association locally on FortiGate.
- D. Policy ID 1 does not have the ADOM Interface mapping configured on FortiManager.

Answer: A

Explanation:

? Option A: Policy ID 1 is configured from the interface any to port6. FortiManager rejects the request to import this policy because the any interface does not exist on FortiManager. This is the correct answer. FortiManager fails to import firewall policy ID 1 because it cannot map the "any" interface to a valid interface in its ADOM database. The error indicates that there is a binding failure due to an interface mismatch.

Explanation of Incorrect Options:

? Option B: Policy ID 1 for this managed FortiGate already exists on FortiManager in the policy package named Remote-FortiGate is incorrect because the error is related to interface mapping, not a duplicate policy ID.

? Option C: Policy ID 1 has an address object that already exists in the ADOM database with any as the interface association and conflicts with the address object interface association locally on FortiGate is incorrect because the error specifies an interface issue, not an address object conflict.

? Option D: Policy ID 1 does not have the ADOM Interface mapping configured on FortiManager is incorrect because the error directly mentions a binding failure due to the "any" interface.

FortiManager References:

? For more information, refer to the "Device Manager" section and "Configuration Import and Mapping" in the FortiManager Administration Guide.

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          ADOM74      6.00741 (regular) 7.0 MR4 (2463)
|- STATUS: dev-db: not modified; conf: in sync; cond: OK; dm: retrieved; conn: up
|- vdom:[3]root flags:0 adom:ADOM74 pkg:[unknown]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          ADOM74      6.00741 (regular) 7.0 MR4 (2463)
|- STATUS: dev-db: not modified; conf: in sync; cond: OK; dm: autoupdated; conn: up
|- vdom:[3]root flags:1 adom:ADOM74 pkg:[out-of-sync]ISFW
```

C)

```
FortiManager # 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          ADOM74      6.00741 (regular) 7.0 MR4 (2463)
|- STATUS: dev-db: not modified; conf: in sync; cond: OK; dm: installed; conn: up
|- vdom:[3]root flags:0 adom:ADOM74 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          ADOM74      6.00741 (regular) 7.0 MR4 (2463)
|- STATUS: dev-db: not modified; conf: in sync; cond: OK; dm: installed; conn: up
|- vdom:[3]root flags:0 adom:ADOM74 pkg:[imported]ISFW
```

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

Answer: A

Explanation:

When a FortiGate device, like the ISFW (Internal Segmentation Firewall), is moved from one ADOM to another in FortiManager, the status of the device in the new ADOM will temporarily show some level of inconsistency or unknown state until the ADOM fully syncs and integrates the device. In the provided options, we are analyzing the FortiManager diagnose dvm device list output for the ISFW device.

Explanation of the Outputs:

- ? Option A:
- ? Option B:
- ? Option C:
- ? Option D:

Conclusion:

The output that is displayed immediately after moving the ISFW device from one ADOM to another is Option A, where the package status is still unknown (pkg: [unknown]) because FortiManager has not yet fully synchronized the device's configuration in the new ADOM.

NEW QUESTION 10

An administrator wants to create a policy on an ADOM that is in backup mode and install it on a FortiGate device in the same ADOM. How can the administrator perform this task?

- A. The administrator must use the Policy & Objects section to create a policy first.
- B. The administrator must use a FortiManager script.
- C. The administrator must disable the FortiManager offline mode first.
- D. The administrator must change the ADOM mode to Advanced to bring the FortiManager online.

Answer: B

Explanation:

To create and install a policy on a FortiGate device in an ADOM (Administrative Domain) that is in backup mode, the administrator must use a FortiManager script. This is because backup mode restricts direct configuration changes, and scripts can be used to push specific configuration changes without altering the ADOM mode.

Options A, C, and D are incorrect because:

- ? A requires the ADOM to be in normal or advanced mode to create policies directly in the Policy & Objects section.
- ? C suggests disabling offline mode, which is irrelevant to the backup mode configuration.
- ? D implies changing the ADOM mode, which is unnecessary if using a script to perform the task.

FortiManager References:

? Refer to FortiManager 7.4 Administrator Guide: Working with ADOMs and Using Scripts for managing policies in backup mode.

NEW QUESTION 10

Refer to the exhibit.

FortiManager CLI output

```
FortiManager # execute top
top - 13:08:23 up 1 day,  1:01,  0 users,  load average: 2.40, 3.19, 3.34

Tasks: 188 total,   2 running, 186 sleeping,   0 stopped,   0 zombie

%Cpu(s): 15.4 us,  7.7 sy,  0.0 ni, 76.9 id,  0.0 wa,  0.0 hi,  0.0 si,  0.0 st

MiB Mem : 7955.5 total,  2235.6 free,  2895.6 used,  2824.1 buff/cache

MiB Swap: 2048.0 total,  2048.0 free,    0.0 used.  4011.0 avail Mem

  PID USER      PR  NI   VIRT   RES %CPU  %MEM     TIME+ S COMMAND
 1163 root       20   0   17.6m   2.1m  7.1   0.1   0:00.05 R top
    1 root       20   0 602.2m 14.9m  0.0   0.7   0:11.67 S /bin/initXXXXXXXXXX
    2 root       20   0    0.0m   0.0m  0.0   0.0   0:00.00 S [kthreadd]
 1462 root       20   0 303.2m 248.0m  0.0   3.1   0:14.72 S fwmsvrd
 1463 root       20   0 288.2m 232.3m  0.0   2.9   0:16.47 S fgdlinkd
 1465 root       20   0 383.7m 328.0m  0.0   4.1   0:15.26 S fgdsvr
 1467 root       20   0  84.0m  23.6m  0.0   0.3   0:00.06 S /bin/fgdhttpd
 1468 root       20   0  63.9m  13.1m  0.0   0.2   0:13.00 S fgdupd
 1469 root       20   0  63.5m  12.6m  0.0   0.2   0:00.07 S fmtr_svr
 1470 root       20   0   6.3m   3.5m  0.0   0.0   0:00.09 S /bin/webconsole
 1471 root       20   0 996.4m 850.6m  0.0  10.7   0:00.01 S srchd
 1475 root       20   0 996.4m 120.6m  0.0   1.5   0:00.00 S fclinkd
```

What percent of the available RAM is being used by the process in charge of downloading the web and email filter databases from the public FortiGuard servers?

- A. 2.9
- B. 3.1
- C. 1.5
- D. 4.1

Answer: A

Explanation:

In the exhibit, the FortiManager CLI output displays the results of the `top` command, which shows system processes, CPU usage, and memory (RAM) usage. We are specifically looking for the process responsible for downloading the web and email filter databases from the public FortiGuard servers. This process is typically handled by the `fgdlinkd` process.

Key information from the output:

? The `fgdlinkd` process is listed with a PID of 1463.

? The `%MEM` column shows that this process is using 2.9% of the available RAM.

Evaluation of Options:

? A. 2.9: This is incorrect. The `fgdlinkd` process, which handles the web and email filter database downloads, is using 2.9% of the available memory, as indicated in the `%MEM` column.

? B. 3.1: This is incorrect. The 3.1% memory usage belongs to the `fwmsvrd` process, not the `fgdlinkd` process.

? C. 1.5: This is incorrect. The 1.5% memory usage belongs to the `fclinkd` process, not the `fgdlinkd` process.

? D. 4.1: This is incorrect. The 4.1% memory usage belongs to the `fgdsvr` process, not the `fgdlinkd` process.

NEW QUESTION 12

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