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Fortinet NSE 7 - Enterprise Firewall 6.4

Fortinet NSE7_EFW-6.4

Version Demo

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QUESTION NO: 1

Refer to the exhibit, which contains the output of a debug command.

What can be concluded about the conserve mode shown in the exhibit?

- A. It is currently in memory conserve mode because of high memory usage.
- **B.** It is currently in extreme conserve mode because of high memory usage.
- C. It is currently in system conserve mode because of high CPU usage.
- **D.** It is currently in proxy conserve mode because of high memory usage.

ANSWER: A

Explanation:

Reference: https://www.fortinetguru.com/2017/09/fortigate-conserve-mode-changes-242562-386503/

FortiGate conserve mode changes (242562, 386503)

FortiGate conserve mode changes (242562, 386503)

The following changes were made to rework **conserve mode** and facilitate its implementation:

- Implemented CLI commands to configure extreme, red, and green memory
 usage thresholds in percentages of total RAM. Memory used is the criteria for
 these thresholds, and set at 95% (extreme), 88% (red) and 82% (green).
- Removed structure av_conserve_mode, other changes in kernel to obtain and set memory usage thresholds from the kernel
- Added conserve mode diagnostic command diag hardware sysinfo conserve, which displays information about memory conserve mode.
- Fixed conserve mode logs in the kernel
- Added conserve mode stats to the proxy daemon through command diag sys proxy stats all | grep conserve_mode

QUESTION NO: 2

Refer to the exhibit, which shows a partial routing table.

```
FGT # get router info routing-table all
...
Routing table for VRF=7
C 10.73.9.0/24 is directly connected, port2

Routing table for VRF=12
C 10.1.0.0/24 is directly connected, port3
S 10.10.4.0/24 [10/0] via 10.1.0.100, port3
C 10.64.1.0/24 is directly connected, port1

Routing table for VRF=21
S 10.1.0.0/24 [10/0] via 10.72.3.254, port4
C 10.72.3.0/24 is directly connected, port4
S 192.168.2.0/24 [10/0] via 10.72.3.254, port4
```

Assuming all the appropriate firewall policies are configured, which two pings will FortiGate route? (Choose two.)

A. Source IP address: 10.73.9.10, Destination IP address: 10.72.3.15

B. Source IP address: 10.72.3.52, Destination IP address: 10.1.0.254

C. Source IP address: 10.10.4.24, Destination IP address: 10.72.3.20

D. Source IP address: 10.1.0.10, Destination IP address: 10.64.1.52

ANSWER: B D

Explanation:

Only the source/destination pairs within the same VRF will be able to ping each other.

QUESTION NO: 3

How does FortiManager handle FortiGuard requests from FortiGate devices, when it is configured as a local FDS?

- A. FortiManager will respond to update requests only from a managed device.
- B. FortiManager can download and maintain local copies of FortiGuard databases.
- **C.** FortiManager does not support web filter rating requests.
- **D.** FortiManager supports only FortiGuard push update to managed devices.



ANSWER: B

Explanation:

Reference: https://docs.fortinet.com/document/fortimanager/6.0.6/cli-reference/330471/fds-setting#fds-setting

fds-setting

Use this command to set FDS settings

Syntax

```
config fmupdate fds-setting
  set fds-clt-ssl-protocol {sslv3 | tlsv1.0 | tlsv1.1
  set fds-ssl-protocol {sslv3 | tlsv1.0 | tlsv1.1 | tlsv1.2}
  set fmtr-log {alert | critical | debug | disable | emergency | error |
      info | notice | warn}
  set linkd-log {alert | critical | debug | disable | emergency | error
      info | notice | warn}
  set max-av-ips-version <integer>
  set max-work <integer>
  set send report {enable | disable}
  set send setup (enable | disable)
  set system-support-faz {4.x | 5.0 | 5.2 | 5.4 | 5.6 |
  set system-support-fct {4.x | 5.0 | 5.2 | 5.4 | 5.6
  set system-support-fgt {4.x | 5.0 | 5.2 | 5.4 |
  set system-support-fml {4.x | 5.x}
  set system-support-fsa {1.x | 2.x}
  set system-support-fsw {4.x | 5.0 | 5.2 | 5.4 | 5.6 | 6.0}
  set umsvc-log {alert | critical | debug | disable | emergency | error |
      info | notice | warn}
  set unreg-dev-option {add-service | ignore
  set User-Agent <text>
end
```

QUESTION NO: 4

Refer to the exhibit, which contains the partial output of a diagnose command.



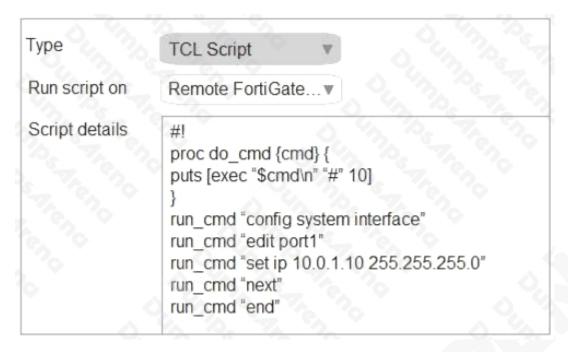
Based on the output, which two statements are correct? (Choose two.)

- A. Anti-replay is enabled
- **B.** The remote gateway IP is 10.200.4.1.
- **C.** DPD is disabled.
- **D.** Quick mode selectors are disabled.

ANSWER: A B

QUESTION NO: 5

Refer to the exhibit, which contains a TCL script configuration on FortiManager.



An administrator has configured the TCL script on FortiManager, but the TCL script failed to apply any changes to the managed device after being run.

Why did the TCL script fail to make any changes to the managed device?

- A. The TCL script must start with #include <>.
- **B.** The TCL command run_cmd has not been created.
- **C.** Changes to an interface configuration can be made only by a CLI script.
- D. Incomplete commands are ignored in TCL scripts.

ANSWER: B