NSE7 Q&As

Fortinet Troubleshooting Professional

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Exam Code: NSE7

Exam Name: Fortinet Troubleshooting Professional

Q&As: Demo

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Exam Code: NSE7

Exam Name: Fortinet Troubleshooting Professional

Q&As: 30

QUESTION 1
A FortiGate device has the following LDAP configuration:

config user ldap
edit "WindowsLDAP"
set server "10.0.1.10"
set cnid "cn"
set dn "cn=Users, dc=trainingAD, dc=training, dc=lab"
set type regular
set username "dc=trainingAD, dc=training, dc=lab"
set password NSE7x
next
end

The administrator executed the 'dsquery' command in the Windows LDAP server 10.0.1.10, and got the following output:

>dsquery user -samid administrator
"CN=Administrator, CN=Users, DC=trainingAD, DC=training, DC=lab"

Based on the output, what FortiGate LDAP setting is configured incorrectly?

A. cnid.
B. username.
C. password.
D. dn.

Correct Answer: A

QUESTION 2
Examine the IPsec configuration shown in the exhibit; then answer the question below.

An administrator wants to monitor the VPN by enable the IKE real time debug using these commands:

diagnose vpn ike log-filter src-addr4 10.0.10.1
diagnose debug application ike -1
diagnose debug enable

The VPN is currently up, there is no traffic crossing the tunnel and DPD packets are being interchanged between both Ipsec gateways. However, the IKE real time debug does NOT show any output.

Why isn't there any output?

A. The IKE real time debug shows the phases 1 and 2 negotiations only. It does not show any more output once the tunnel is up.
B. The log-filter setting is set incorrectly. The VPN's traffic does not match this filter.
C. The IKF real time debug shows the phase 1 negotiation only. For information after that, the administrator must use the IPsec real time debug instead: diagnose debug application ipsec
D. The IKE real time debug shows error messages only. If it does not provide any ourput, it indicates that the tunnel is operating normally.

Correct Answer: A

QUESTION 3
Examine the following partial output from two system debug commands; then answer the question below.

diagnose hardware sysinfo memory
MemTotal: 3092728 kB
MemFree: 1954204 kB
MemShared: 0 kB
Buffers: 284 kB
Cached: 143004 kB
SwapCached: 0 kB
Active: 34092 kB
Inactive: 109256 kB
HighTotal 1179648 kB
HighFree: 853516 kB
LowTotal: 1913080 kB
LowFree: 1100688 kB
SwapTotal: 0 kB
SwapFree: 0 kB
diagnose hardware sysinfo shm
SHM counter: 285
SHM allocated: 6823936
SHM total: 623452160
concervemode: 0
shm last entered: n/a
system last entered: n/a
SHM FS total: 639725568
SHM FS free: 632614912
SHM FS avail: 632614912
SHM FS alloc: 7110656

Which of the following statements are true regarding the above outputs? (Choose two.)

A. The unit is running a 32-bit FortiOS
B. The unit is in kernel conserve mode
C. The Cached value is always the Active value plus the Inactive value
D. Kernel indirectly accesses the low memory (LowTotal) through memory paging

Correct Answer: BD

QUESTION 4
Examine the following partial output from a sniffer command; then answer the question below.
# diagnose sniff packet any `icmp' 4
interfaces=[any]
filters=[icmp]
2.101199 wan2 in 192.168.1.110 -> 4.2.2.2: icmp: echo request 2.1011400 wan1 out 172.17.87.16 -> 4.2.2.2: icmp: echo request .....

2.123500 wan2 out 4.2.2.2 -> 192.168.1.110: icmp: echo reply 244 packets received by filter
5 packets dropped by kernel

What is the meaning of the packets dropped counter at the end of the sniffer?

A. Number of packets that didn't match the sniffer filter.
B. Number of total packets dropped by the FortiGate.
C. Number of packets that matched the sniffer filter and were dropped by the FortiGate.
D. Number of packets that matched the sniffer filter but could not be captured by the sniffer.

Correct Answer: C

QUESTION 5
What configuration changes can reduce the memory utilization in a FortiGate? (Choose two.)

A. Reduce the session time to live.
B. Increase the TCP session timers.
C. Increase the FortiGuard cache time to live.
D. Reduce the maximum file size to inspect.

Correct Answer: BD

QUESTION 6
An administrator has configured a FortiGate device with two VDOMs: root and internal. The administrator has also created an inter-VDOM link that connects both VDOMs. The objective is to have each VDOM advertise some routers to the other VDOM via OSPF through the inter-VDOM link. What OSPF configuration settings must match in both VDOMs to have the OSPF adjacency successfully forming? (Choose three.)

A. Router ID.
B. OSPF interface area.
C. OSPF interface cost.
D. OSPF interface MTU.
E. Interface subnet mask.

Correct Answer: BCD

QUESTION 7
Examine the following traffic log; then answer the question below.

date-20xx-02-01 time=19:52:01 devname=master device_id="NSE7x" log_id=0100020007 type=event subtype=system pri critical vd=root service=kernel status=failure msg="NAT port is exhausted."

What does the log mean?

A. There is not enough available memory in the system to create a new entry in the NAT port table.
B. The limit for the maximum number of simultaneous sessions sharing the same NAT port has been reached.
C. FortiGate does not have any available NAT port for a new connection.
D. The limit for the maximum number of entries in the NAT port table has been reached.

Correct Answer: B

QUESTION 8
Which the following events can trigger the election of a new primary unit in a HA cluster? (Choose two.)

A. Primary unit stops sending HA heartbeat keepalives.
B. The FortiGuard license for the primary unit is updated.

C. One of the monitored interfaces in the primary unit is disconnected.

D. A secondary unit is removed from the HA cluster.

Correct Answer: AB

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