Fortinet

Exam Questions NSE7_EFW-6.4

Fortinet NSE 7 - Enterprise Firewall 6.4

NEW QUESTION 1
View the exhibit, which contains a partial routing table, and then answer the question below.

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

A. Source IP address 10.1.0.24, Destination IP address 10.72.3.20.
B. Source IP address 10.72.3.27, Destination IP address 10.1.0.52.
C. Source IP address 10.72.3.52, Destination IP address 10.1.0.254.
D. Source IP address 10.73.9.10, Destination IP address 10.72.3.15.

Answer: BC

NEW QUESTION 2
Refer to the exhibit, which contains partial output from an IKE real-time debug.

Which two statements about this debug output are correct? (Choose two.)

A. The remote gateway IP address is 10.0.0.1.
B. The initiator provided remote as its IPsec peer ID.
C. It shows a phase 1 negotiation.
D. The negotiation is using AES128 encryption with CBC hash.

Answer: BC

NEW QUESTION 3
What is the purpose of an internal segmentation firewall (ISFW)?

A. It inspects incoming traffic to protect services in the corporate DMZ.
B. It is the first line of defense at the network perimeter.
C. It splits the network into multiple security segments to minimize the impact of breaches.
D. It is an all-in-one security appliance that is placed at remote sites to extend the enterprise network.

Answer: C

Explanation:
ISFW splits your network into multiple security segments. They serve as a breach containers from attacks that come from inside.

NEW QUESTION 4
Examine the following partial output from two system debug commands; then answer the question below.

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

Answer: AC

NEW QUESTION 5
Examine the following partial output from a sniffer command; then answer the question below.

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.

Answer: D

Explanation:
https://kb.fortinet.com/kb/documentLink.do?externalID=11655

NEW QUESTION 6
Which statement about memory conserve mode is true?

A. A FortiGate exits conserve mode when the configured memory use threshold reaches yellow.
B. A FortiGate starts dropping all the new and old sessions when the configured memory use threshold reaches extreme.
C. A FortiGate starts dropping new sessions when the configured memory use threshold reaches red
D. A FortiGate enters conserve mode when the configured memory use threshold reaches red

Answer: C

NEW QUESTION 7
View the exhibit, which contains the partial output of an IKE real time debug, and then answer the question below.

The administrator does not have access to the remote gateway. Based on the debug output, what configuration changes can the administrator make to the local gateway to resolve the phase 1 negotiation error?

A. Change phase 1 encryption to AESCBC and authentication to SHA128.
B. Change phase 1 encryption to 3DES and authentication to CBC.
C. Change phase 1 encryption to AES128 and authentication to SHA512.
D. Change phase 1 encryption to 3DES and authentication to SHA256.

Answer: B

NEW QUESTION 8
View the exhibit, which contains the output of a real-time debug, and then answer the question below.

Which of the following statements is true regarding this output? (Choose two.)

A. This web request was inspected using the root web filter profile.
B. FortiGate found the requested URL in its local cache.
C. The requested URL belongs to category ID 52.
D. The web request was allowed by FortiGate.

Answer: BC

NEW QUESTION 9
View the exhibit, which contains an entry in the session table, and then answer the question below.

Which one of the following statements is true regarding FortiGate's inspection of this session?

A. FortiGate applied proxy-based inspection.
B. FortiGate forwarded this session without any inspection.
C. FortiGate applied flow-based inspection.
D. FortiGate applied explicit proxy-based inspection.

Answer: A

Explanation:
https://kb.fortinet.com/kb/viewContent.do?externalId=FD30042

NEW QUESTION 10
Examine the output of the 'get router info bgp summary' command shown in the exhibit; then answer the question below.

Which statement can explain why the state of the remote BGP peer 10.200.3.1 is Connect?

A. The local peer is receiving the BGP keepalives from the remote peer but it has not received any BGP prefix yet.
B. The TCP session for the BGP connection to 10.200.3.1 is down.
C. The local peer has received the BGP prefixed from the remote peer.
D. The local peer is receiving the BGP keepalives from the remote peer but it has not received the OpenConfirm yet.

Answer: B

Explanation:
http://www.ciscopress.com/articles/article.asp?p=2756480&seqNum=4

NEW QUESTION 10
Examine the following partial outputs from two routing debug commands; then answer the question below:

Why the default route using port2 is not displayed in the output of the second command?

A. It has a lower priority than the default route using port1.
B. It has a higher priority than the default route using port1.
C. It has a higher distance than the default route using port1.
D. It is disabled in the FortiGate configuration.

Answer: C

Explanation:
http://kb.fortinet.com/kb/viewContent.do?externalId=FD32103

NEW QUESTION 12
Which of the following statements are true regarding the SIP session helper and the SIP application layer gateway (ALG)? (Choose three.)

A. SIP session helper runs in the kernel; SIP ALG runs as a user space process.
B. SIP ALG supports SIP HA failover; SIP helper does not.
C. SIP ALG supports SIP over IPv6; SIP helper does not.
D. SIP ALG can create expected sessions for media traffic; SIP helper does not.
E. SIP helper supports SIP over TCP and UDP; SIP ALG supports only SIP over UDP.

Answer: BCD

NEW QUESTION 14
Refer to the exhibit, which contains partial output from an IKE real-time debug.

Based on the debug output, which phase 1 setting is enabled in the configuration of this VPN?

A. auto-discovery-shortcut
B. auto-discovery-forwarder
C. auto-discovery-sender
D. auto-discovery-receiver

Answer: C

NEW QUESTION 16
What global configuration setting changes the behavior for content-inspected traffic while FortiGate is in system conserve mode?

A. av-failopen
B. mem-failopen
C. utm-failopen
D. ips-failopen

Answer: A

Explanation:
https://help.fortinet.com/fos50hlp/54/Content/FortiOS/fortigate-security-profiles-54/Other_Profile_Consideratio

NEW QUESTION 18
View the exhibit, which contains the output of get sys ha status, and then answer the question below.

Which statements are correct regarding the output? (Choose two.)

A. The slave configuration is not synchronized with the master.
B. The HA management IP is 169.254.0.2.
C. Master is selected because it is the only device in the cluster.
D. port 7 is used the HA heartbeat on all devices in the cluster.

Answer: AD

NEW QUESTION 22
View the exhibit, which contains the partial output of an IKE real-time debug, and then answer the question below.

Why didn’t the tunnel come up?

A. The pre-shared keys do not match.
B. The remote gateway’s phase 2 configuration does not match the local gateway’s phase 2 configuration.
C. The remote gateway’s phase 1 configuration does not match the local gateway’s phase 1 configuration.
D. The remote gateway is using aggressive mode and the local gateway is configured to use man mode.

Answer: C

NEW QUESTION 27
An administrator added the following Ipsec VPN to a FortiGate configuration:
configvpn ipsec phasel -interface edit "RemoteSite"
set type dynamic
set interface "portl" set mode main
set psksecret ENC LCVkCiK2E2PhVUzZe next
end
config vpn ipsec phase2-interface edit "RemoteSite"
set phasel name "RemoteSite" set proposal 3des-sha256
next end
However, the phase 1 negotiation is failing. The administrator executed the IKF real time debug while attempting the Ipsec connection. The output is shown in the exhibit.

What is causing the IPsec problem in the phase 1 ?

A. The incoming IPsec connection is matching the wrong VPN configuration
B. The phrase-1 mode must be changed to aggressive
C. The pre-shared key is wrong
D. NAT-T settings do not match

Answer: C

NEW QUESTION 32
An administrator has configured a dial-up IPsec VPN with one phase 2, extended authentication (XAuth) and IKE mode configuration. The administrator has also enabled the IKE real time debug:
diagnose debug application ike-1 diagnose debug enable
In which order is each step and phase displayed in the debug output each time a new dial-up user is connecting to the VPN?

A. Phase1; IKE mode configuration; XAuth; phase 2.
B. Phase1; XAuth; IKE mode configuration; phase2.
C. Phase1; XAuth; phase 2; IKE mode configuration.
D. Phase1; IKE mode configuration; phase 2; XAuth.

Answer: B

Explanation:
https://help.fortinet.com/fos50hlp/54/Content/FortiOS/fortigate-ipsecvpn-54/IPsec_VPN_Concepts/IKE_Packet

NEW QUESTION 33
Two independent FortiGate HA clusters are connected to the same broadcast domain. The administrator has reported that both clusters are using the same HA virtual MAC address. This creates a duplicated MAC address problem in the network. What HA setting must be changed in one of the HA clusters to fix the problem?

A. Group ID.
B. Group name.
C. Session pickup.
D. Gratuitous ARPs.

Answer: A

Explanation:
https://help.fortinet.com/fos50hlp/54/Content/FortiOS/fortigate-high-availability-52/HA_failoverVMAC.htm

NEW QUESTION 35
Four FortiGate devices configured for OSPF connected to the same broadcast domain. The first unit is elected as the designated router The second unit is elected as the backup designated router Under normal operation, how many OSPF full adjacencies are formed to each of the other two units?

A. 1
B. 2
C. 3
D. 4

Answer: B

NEW QUESTION 39
Which two tasks are automated using the Install Wizard on FortiManager? (Choose two.)

A. Preview pending configuration changes for managed devices.
B. Add devices to FortiManager.
C. Import policy packages from managed devices.
D. Install configuration changes to managed devices.
E. Import interface mappings from managed devices.

Answer: AD

Explanation:
https://help.fortinet.com/fmgr/50hlp/56/5-6-2/FortiManager_Admin_Guide/1000_Device%20Manager/1200_ins
There are 4 main wizards:Add Device: is used to add devices to central management and import their configurations.
Install: is used to install configuration changes from Device Manager or Policies & Objects to the managed devices. It allows you to preview the changes and, if the administrator doesn't agree with the changes, cancel and modify them.
Import policy: is used to import interface mapping, policy database, and objects associated with the managed devices into a policy package under the Policy & Object tab. It runs with the Add Device wizard by default and may be run at any time from the managed device list.
Re-install policy: is used to perform a quick install of the policy package. It doesn't give the ability to preview the changes that will be installed to the managed device.

NEW QUESTION 41
View the exhibit, which contains the output of a debug command, and then answer the question below.

What statement is correct about this FortiGate?

A. It is currently in system conserve mode because of high CPU usage.
B. It is currently in FD conserve mode.
C. It is currently in kernel conserve mode because of high memory usage.
D. It is currently in system conserve mode because of high memory usage.

Answer: D

NEW QUESTION 46
Examine the output of the 'get router info ospf interface' command shown in the exhibit; then answer the question below.

Which statements are true regarding the above output? (Choose two.)

A. The port4 interface is connected to the OSPF backbone area.
B. The local FortiGate has been elected as the OSPF backup designated router.
C. There are at least 5 OSPF routers connected to the port4 network.
D. Two OSPF routers are down in the port4 network.

Answer: AC

Explanation:
on BROADCAST network there are 4 neighbors, among which 1*DR +1*BDR. So our FG has 4 neighbors, but create adjacency only with 2 (with DR and BDR). 2 neighbors DRother (not down).

NEW QUESTION 48
Which statement is true regarding File description (FD) conserve mode?

A. IPS inspection is affected when FortiGate enters FD conserve mode.
B. A FortiGate enters FD conserve mode when the amount of available description is less than 5%.
C. FD conserve mode affects all daemons running on the device.
D. Restarting the WAD process is required to leave FD conserve mode.

Answer: B

NEW QUESTION 49
View the following FortiGate configuration.

All traffic to the Internet currently egresses from port1. The exhibit shows partial session information for Internet traffic from a user on the internal network:

If the priority on route ID 1 were changed from 5 to 20, what would happen to traffic matching that user's session?

A. The session would remain in the session table, and its traffic would still egress from port1.
B. The session would remain in the session table, but its traffic would now egress from both port1 and port2.
C. The session would remain in the session table, and its traffic would start to egress from port2.

D. The session would be deleted, so the client would need to start a new session.

Answer: A

Explanation:
http://kb.fortinet.com/kb/documentLink.do?externalID=FD40943

NEW QUESTION 52
A FortiGate device has the following LDAP configuration:

The LDAP user student cannot authenticate. The exhibit shows the output of the authentication real time debug while testing the student account:

Based on the above output, what FortiGate LDAP settings must the administer check? (Choose two.)

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

Answer: BC

Explanation:
https://kb.fortinet.com/kb/viewContent.do?externalId=13141

NEW QUESTION 55
Refer to the exhibit, which contains the output of diagnose sys session list.

If the HA ID for the primary unit is zero (0), which statement about the output is true?

A. This session cannot be synced with the slave unit.
B. The inspection of this session has been offloaded to the slave unit.
C. The master unit is processing this traffic.
D. This session is for HA heartbeat traffic.

Answer: C

NEW QUESTION 56
Refer to the exhibit, which contains partial outputs from two routing debug commands.

Why is the port2 default route not in the second command's output?

A. It has a higher priority value than the default route using port1.
B. It is disabled in the FortiGate configuration.
C. It has a lower priority value than the default route using port1.
D. It has a higher distance than the default route using port1.

Answer: D

NEW QUESTION 61
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: AB

NEW QUESTION 66
An administrator has configured a FortiGate device with two VDOMs: root and internal. The administrator has also created and inter-VDOM link that connects both VDOMs. The objective is to have each VDOM advertise some routes 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.

Answer: BDE

NEW QUESTION 71
Examine the output of the 'diagnose ips anomaly list' command shown in the exhibit; then answer the question below.

Which IP addresses are included in the output of this command?

A. Those whose traffic matches a DoS policy.
B. Those whose traffic matches an IPS sensor.
C. Those whose traffic exceeded a threshold of a matching DoS policy.
D. Those whose traffic was detected as an anomaly by an IPS sensor.

Answer: A

NEW QUESTION 73
How does FortiManager handle FortiGuard requests from FortiGate devices, when it is configured as a local FDS?

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

Answer: A

NEW QUESTION 78
View the exhibit, which contains the output of a BGP debug command, and then answer the question below.

Which of the following statements about the exhibit are true? (Choose two.)

A. For the peer 10.125.0.60, the BGP state of is Established.
B. The local BGP peer has received a total of three BGP prefixes.
C. Since the BGP counters were last reset, the BGP peer 10.200.3.1 has never been down.
D. The local BGP peer has not established a TCP session to the BGP peer 10.200.3.1.

Answer: AD

NEW QUESTION 82
Which real time debug should an administrator enable to troubleshoot RADIUS authentication problems?

A. Diagnose debug application radius -1.
B. Diagnose debug application fnbamd -1.
C. Diagnose authd console –log enable.
D. Diagnose radius console –log enable.

Answer: B

Explanation:
https://kb.fortinet.com/kb/documentLink.do?externalID=FD32838

NEW QUESTION 83
An administrator cannot connect to the GIU of a FortiGate unit with the IP address 10.0.1.254. The administrator runs the debug flow while attempting the connection using HTTP. The output of the debug flow is shown in the exhibit:

Based on the error displayed by the debug flow, which are valid reasons for this problem? (Choose two.)

A. HTTP administrative access is disabled in the FortiGate interface with the IP address 10.0.1.254.
B. Redirection of HTTP to HTTPS administrative access is disabled.
C. HTTP administrative access is configured with a port number different than 80.
D. The packet is denied because of reverse path forwarding check.

Answer: AC

NEW QUESTION 86
View the exhibit, which contains the partial output of a diagnose command, and then answer the question below.

Based on the output, which of the following statements is correct?

A. Anti-reply is enabled.
B. DPD is disabled.
C. Quick mode selectors are disabled.
D. Remote gateway IP is 10.200.5.1.

Answer: A

NEW QUESTION 87
Examine the output of the ‘diagnose sys session list expectation’ command shown in the exhibit; than answer the question below.

Which statement is true regarding the session in the exhibit?

A. It was created by the FortiGate kernel to allow push updates from FotiGuard.
B. It is for management traffic terminating at the FortiGate.
C. It is for traffic originated from the FortiGate.
D. It was created by a session helper or ALG.

Answer: D

NEW QUESTION 89
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. DPD is disabled.
C. Remote gateway IP is 10.200.4.1.
D. Quick mode selectors are disabled.

Answer: AC

NEW QUESTION 94
Which two configuration settings change the behavior for content-inspected traffic while FortiGate is in conserve mode? (Choose two.)

A. IPS failopen
B. mem failopen
C. AV failopen
D. UTM failopen

Answer: AC

NEW QUESTION 95
A FortiGate has two default routes:

All Internet traffic is currently using port1. The exhibit shows partial information for one sample session of Internet traffic from an internal user:

What would happen with the traffic matching the above session if the priority on the first default route (IDd1) were changed from 5 to 20?

A. Session would remain in the session table and its traffic would keep using port1 as the outgoing interface.
B. Session would remain in the session table and its traffic would start using port2 as the outgoing interface.
C. Session would be deleted, so the client would need to start a new session.
D. Session would remain in the session table and its traffic would be shared between port1 and port2.

Answer: A

NEW QUESTION 100
View the exhibit, which contains a partial output of an IKE real-time debug, and then answer the question below.

Based on the debug output, which phase-1 setting is enabled in the configuration of this VPN?

A. auto-discovery-sender
B. auto-discovery-forwarder
C. auto-discovery-shortcut
D. auto-discovery-receiver

Answer: B

NEW QUESTION 102
Examine the following partial outputs from two routing debug commands; then answer the question below.
# get router info kernel
tab=254 vf=0 scope=0type=1 proto=11 prio=0 0.0.0.0/0.0.0.0/0->0.0.0.0/0 pref=0.0.0.0 gwy=10.200.1.254 dev=2(port1)
tab=254 vf=0 scope=0type=1 proto=11 prio=10 0.0.0.0/0.0.0.0/0->0.0.0.0/0 pref=0.0.0.0 gwy=10.200.2.254 dev=3(port2)
tab=254 vf=0 scope=253type=1 proto=2 prio=0 0.0.0.0/0.0.0.0/.->10.0.1.0/24 pref=10.0.1.254 gwy=0.0.0.0 dev=4(port3)
# get router info routing-table all s*0.0.0.0/0 [10/0] via 10.200.1.254, portl [10/0] via 10.200.2.254, port2, [10/0] dO.0.1.0/24 is directly connected, port3
dO.200.1.0/24 is directly connected, portl d0.200.2.0/24 is directly connected, port2
Which outbound interface or interfaces will be used by this FortiGate to route web traffic from internal users to the Internet?

A. port!
B. port2.
C. Both portl and port2.
D. port3.

Answer: B

NEW QUESTION 107
Refer to the exhibit, which shows a FortiGate configuration.

An administrator is troubleshooting a web filter issue on FortiGate. The administrator has configured a web filter profile and applied it to a policy; however, the web filter is not inspecting any traffic that is passing

through the policy.
What must the administrator change to fix the issue?

A. The administrator must increase webfilter-timeout.
B. The administrator must disable webfilter-force-off.
C. The administrator must change protocol to TCP.
D. The administrator must enable fortiguard-anycast.

Answer: D

NEW QUESTION 112
.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questons and Answers in PDF Format

NSE7_EFW-6.4 Practice Exam Features:

* NSE7_EFW-6.4 Questions and Answers Updated Frequently

* NSE7_EFW-6.4 Practice Questions Verified by Expert Senior Certified Staff

* NSE7_EFW-6.4 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* NSE7_EFW-6.4 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year