NSE7_EFW^{Q&As}

NSE7 Enterprise Firewall - FortiOS 5.4

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QUESTION 1

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
2.101400 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 2

A FortiGate is configured as an explicit web proxy. Clients using this web proxy are reposting DNS errors when accessing any website. The administrator executes the following debug commands and observes that the n-dns-timeout counter is increasing:

```
# diagnose test application wad 2200
# diagnost test application wad 104
DNS Stats:
n_dns_reqs=878  n_dns_fails=2  n_dns_timeout=875
n_dns_success=0

n_snd_retries=0 n_snd_fails=0  n_snd_success=0  n_dns_overflow=0
n_build_fails=0
```

What should the administrator check to fix the problem?

A. The connectivity between the FortiGate unit and the DNS server.

B. The connectivity between the client workstations and the DNS server.

C. That DNS traffic from client workstations is allowed by the explicit web proxy policies.

D. That DNS service is enabled in the explicit web proxy interface.

Correct Answer: AB

QUESTION 3

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:

```
config user ldap
    edit "WindowsLDAP"
        set server "10.0.1.10"
        set cnid "cn"
        set dn "cm=user, dc=trainingAD, dc=training, dc=lab"
        set type regular
        set username "cn=administrator, cn=users, dc=trainingAD,
dc=training, dc=lab"
        set password xxxxx
    next
end
```

```
#diagnose debug application fnband -1
#diagnose debug enable
#diagnose test authserver ldap WindowsLDAP student password
fnbamd_fam.c[1819] handle_req-Rcvd auth req 4 for student in WindowsLDAP
opt=27 prot=0
fnbamd_fsm.c[336]_compose_group_list_from_req_Group'WindowsLDAP'
fnbamd_pop3.c[573]fnband_pop3_Start-student
fnbamd_cfg.c[932]fnband_cfg-get_ldap_ist_by_server-Loading LDAP server
'WindowsLDAP'
fnbamd_ldap.c[992]resolve_ldap_FQDN-Resolved address 10.0.1.10, result 10.0.1.10
fnbamd_fsm.c[428]create_auth_session-Total 1 server s to try
fnbamd_ldap.c[1700]fnbamd_ldap_get_result-Error in ldap result:49
(Invalid credentials)
fnbamd_ldap.c[2028]fnbamd_ldap_get_resuilt_Auth denied
fnbamd_auth.c[2188]fnbamd_auth_poll_ldap-Result for ldap svr 10.0.1.10 is denied
fnbamd_comm.c[169]fnbamd_comm_send_result-sending result 1 for req 4
fnbamd_fsm.c[568]destroy_auth_session-delete session 4
authenticate 'student' against 'WindowsLDAP' failed!
```

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

A. cnid.

B. username.

C. password.

D. dn.

Correct Answer: BC

QUESTION 4

When does a RADIUS server send an Access-Challenge packet?

A. The server does not have the user credentials yet.

B. The server requires more information from the user, such as the token code for two-factor authentication.

C. The user credentials are wrong.

D. The user account is not found in the server.

Correct Answer: B

QUESTION 5

Examine the output from the \\'diagnose debug authd fsso list\\' command; then answer the question below.

\# diagnose debug authd fsso list --FSSO logons-IP: 192.168.3.1 User: STUDENT Groups: TRAININGAD/USERS Workstation: INTERNAL2. TRAINING. LAB The IP address 192.168.3.1 is NOT the one used by the workstation INTERNAL2. TRAINING. LAB.

What should the administrator check?

A. The IP address recorded in the logon event for the user STUDENT.

B. The DNS name resolution for the workstation name INTERNAL2. TRAINING. LAB.

C. The source IP address of the traffic arriving to the FortiGate from the workstation INTERNAL2. TRAINING. LAB.

D. The reserve DNS lookup forthe IP address 192.168.3.1.

Correct Answer: C