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QUESTION 1

View the exhibit, which contains a partial web filter profile configuration, and then answer the question below.



Name

Comments 22/255

FortiGuard category based filter

Show Allow

- Bandwidth Consuming
 - File Sharing and Storage

Status URL Filter

Block invalid URLs

URL Filter

URL	Type	Action	Status
*dropbox.com	Wildcard	Block	Enable

Web content filter

Pattern Type	Pattern	Language	Action	Status
Wildcard	*dropbox*	Western	Exempt	Enable

Which action will FortiGate take if a user attempts to access www.dropbox.com, which is categorized as File Sharing and Storage?



- A. FortiGate will exempt the connection based on the Web Content Filter configuration.
- B. FortiGate will block the connection based on the URL Filter configuration.
- C. FortiGate will allow the connection based on the FortiGuard category based filter configuration.
- D. FortiGate will block the connection as an invalid URL.

Correct Answer: B

QUESTION 2

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.

Correct Answer: B

QUESTION 3

An LDAP user cannot authenticate against a FortiGate device. Examine the real time debug output shown in the exhibit when the user attempted the authentication; then answer the question below.

```
# debug application fnbamd -1
# diagnose debug enable
# diagnose test authserver ldap WindowsLDAP student password
fnbamd_fsm.c[1819] handle_req-Rcvd auth req 5 for student in WindowsLDAP opt=27 prot=0
fnbamd_fsm.c[336] __compose_group_list_from_req-Group 'WindowsLDAP'
fnbamd_pop3.c[573] fnbamd_pop3_start-student
fnbamd_cfg.c[932] __fnbamd_cfg_get_ldap_list_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[437] start_search_dn-base:'cn=user,dc=trainingAD,dc=training,dc=lab'
filter:cn=student
fnbamd_ldap.c[1730] fnbamd_ldap_get_result-Going to SEARCH state
fnbamd_fsm.c[2407] auth_ldap_result-Continue pending for req 5
fnbamd_ldap.c[480] get_all_dn-Found no DN
fnbamd_ldap.c[503] start_next_dn_bind-No more DN left
fnbamd_ldap.c[2028] fnbamd_ldap_get_result-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 5
fnbamd_fsm.c[568] destroy_auth_session-delete session 5
authenticate 'student' against 'WindowsLDAP' failed!
```

Based on the output in the exhibit, what can cause this authentication problem?

- A. User student is not found in the LDAP server.
- B. User student is using a wrong password.



- C. The FortiGate has been configured with the wrong password for the LDAP administrator.
- D. The FortiGate has been configured with the wrong authentication schema.

Correct Answer: A

QUESTION 4

Examine the following routing table and BGP configuration; then answer the question below.

```
#get router info routing-table all
*0.0.0.0/0 [10/0] via 10.200.1.254, port1
C10.200.1.0/24 is directly connected, port1
S192.168.0.0/16 [10/0] via 10.200.1.254, port1
# show router bgp
config router bgp
set as 65500
set router-id 10.200.1.1
set network import check enable
set ebgp-multipath disable
config neighbor
edit "10.200.3.1"
set remote-as 65501
next
end
config network
edit1
```

The BGP connection is up, but the local peer is NOT advertising the prefix 192.168.1.0/24. Which configuration change will make the local peer advertise this prefix?

- A. Enable the redistribution of connected routers into BGP.
- B. Enable the redistribution of static routers into BGP.
- C. Disable the setting network-import-check.
- D. Enable the setting ebgp-multipath.

Correct Answer: C

QUESTION 5

An administrator added the following Ipsec VPN to a FortiGate configuration: config vpn ipsec phase1 -interface

```
edit "RemoteSite" set type dynamic set interface "port1" set mode main set psksecret ENC LCVkCiK2E2PhVUzZe next
end config vpn ipsec phase2-interface edit "RemoteSite" set phase1 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.

```
ike 0: comes 10.200.3.1:500->10.200.1.1:500,ifindex=2...
ike 0: IKEv1 exchange=Identity Protection id=xxx/xxx len=716
ike 0:xxx/xxx:16: responder: main mode get 1st message...
ike 0:xxx/xxx:16: VID RFC 3947 4A131C81070358455C5728F20E95452F
...
ike 0:xxx/xxx:16: negotiation result
ike 0:xxx/xxx:16: proposal id = 1:
ike 0:xxx/xxx:16:   protocol id = ISAKMP:
ike 0:xxx/xxx:16:   trans_id = KEY_IKE.
ike 0:xxx/xxx:16:   encapsulation = IKE/none
ike 0:xxx/xxx:16:   type=OAKLEY_ENCRYPT_ALG, val=AES_CBC.
ike 0:xxx/xxx:16:   type=OAKLEY_HASH_ALG, val=SHA2_256.
ike 0:xxx/xxx:16:   type=AUTH_METHOD, val=PRESHARED_KEY.
ike 0:xxx/xxx:16:   type=OAKLEY_GROUP, val=MODP2048.
ike 0:xxx/xxx:16: ISAKMP SA lifetime=86400
ike 0:xxx/xxx:16: SA proposal chosen, matched gateway DialUpUsers
...
ike 0:DialUpUsers:16: sent IKE msg (ident_r1send): 10.200.1.1:500->10.200.3.1:500, len
id=xxx/xxx

ike 0: comes 10.200.3.1:500->10.200.1.1:500,ifindex=2...
ike 0: IKEv1 exchange=Identity Protection id=xxx/xxx len=380
ike 0:DialUpUsers:16: responder:main mode get 2nd message...
ike 0:DialUpUsers:16: NAT not detected
ike 0:DialUpUsers:16: sent IKE msg (ident_r2send): 10.200.1.1:500->10.200.3.1:500, len
id=xxx/xxx
ike 0:DialUpUsers:16: ISAKMP SA xxx/xxx key 16:3D33E2EF00BE927701B5C25B05A62415
ike 0: comes 10.200.3.1:500->10.200.1.1:500,ifindex=2...
ike 0: IKEv1 exchange=Identity Protection id=xxx/xxx len=108
ike 0:DialUpUsers:16: responder: main mode get 3rd message...
ike 0:DialUpUsers:16: probable pre-shared secret mismatch
ike 0:DialUpUsers:16: unable to parse msg
```

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

Correct Answer: C

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