Fortinet

Exam Questions FCSS_LED_AR-7.6

FCSS - LAN Edge 7.6 Architect

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NEW QUESTION 1
You are configuring FortiAuthenticator to integrate with FSSO for user identification. To enable FortiAuthenticator to extract user information from syslog messages and inject it into FSSO, you have configured syslog matching rules.
What is the role of syslog matching rules in the process of injecting user information into FSSO?

A. To automatically update user group memberships in FSSO based on syslog events
B. To enforce user authentication policies based on syslog message contents
C. To define how syslog messages are parsed and extract user information, such as usernames and IP addresses
D. To filter and block irrelevant syslog messages from being processed by the FortiAuthenticator

Answer: C

NEW QUESTION 2
Refer to the exhibit.

WTP profile configuration

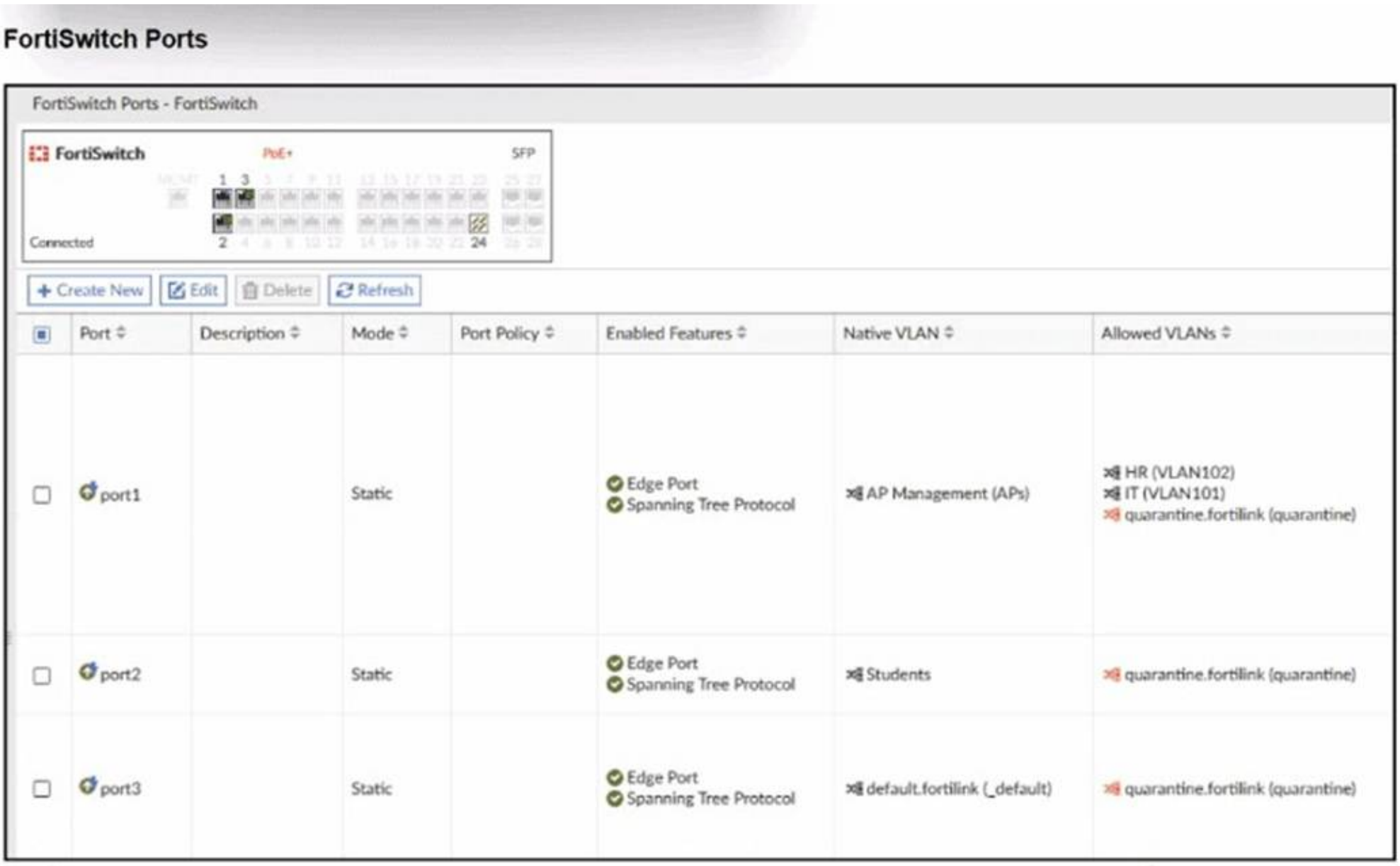
```
config wireless-controller wtp-profile
    edit "S231F"
        config platform
            set type 231F
        end
        set handoff-rssi 30
        set handoff-sta-thresh 30
        set ap-country US
        config radio-1
            set band 802.11n-2G
            set wids-profile "default-wids-apscan-enabled"
            set vap-all manual
            set vaps "Student01"
            set channel "1" "6" "11"
        end
        config radio-2
            set band 802.11ac-5G
            set channel-bonding 40MHz
            set wids-profile "default-wids-apscan-enabled"
            set darrp enable
            set arrp-profile "arrp-default"
            set vap-all manual
            set vaps "Student01"
            set channel "36" "44" "52"
        end
        config radio-3
            set mode disabled
        end
    next
end
```

Which shows the WTP profile configuration.
The AP profile is assigned to two FAP-231F APs that are installed in an open plan area. The first AP has 32 clients associated with the 5 GHz radios and 22 clients associated with the 2.4 GHz radio. The second AP has 12 clients associated with the 5 GHz radios and 20 clients associated with the 2.4 GHz radio.
A dual-band-capable client enters the area near the first AP and the first AP measures the new client at - 3 3 dBm signal strength. The second AP measures the new client at -43 dBm signal strength.
If the new client attempts to conned to the student 01 wireless network, which AP radio will the client be associated with?

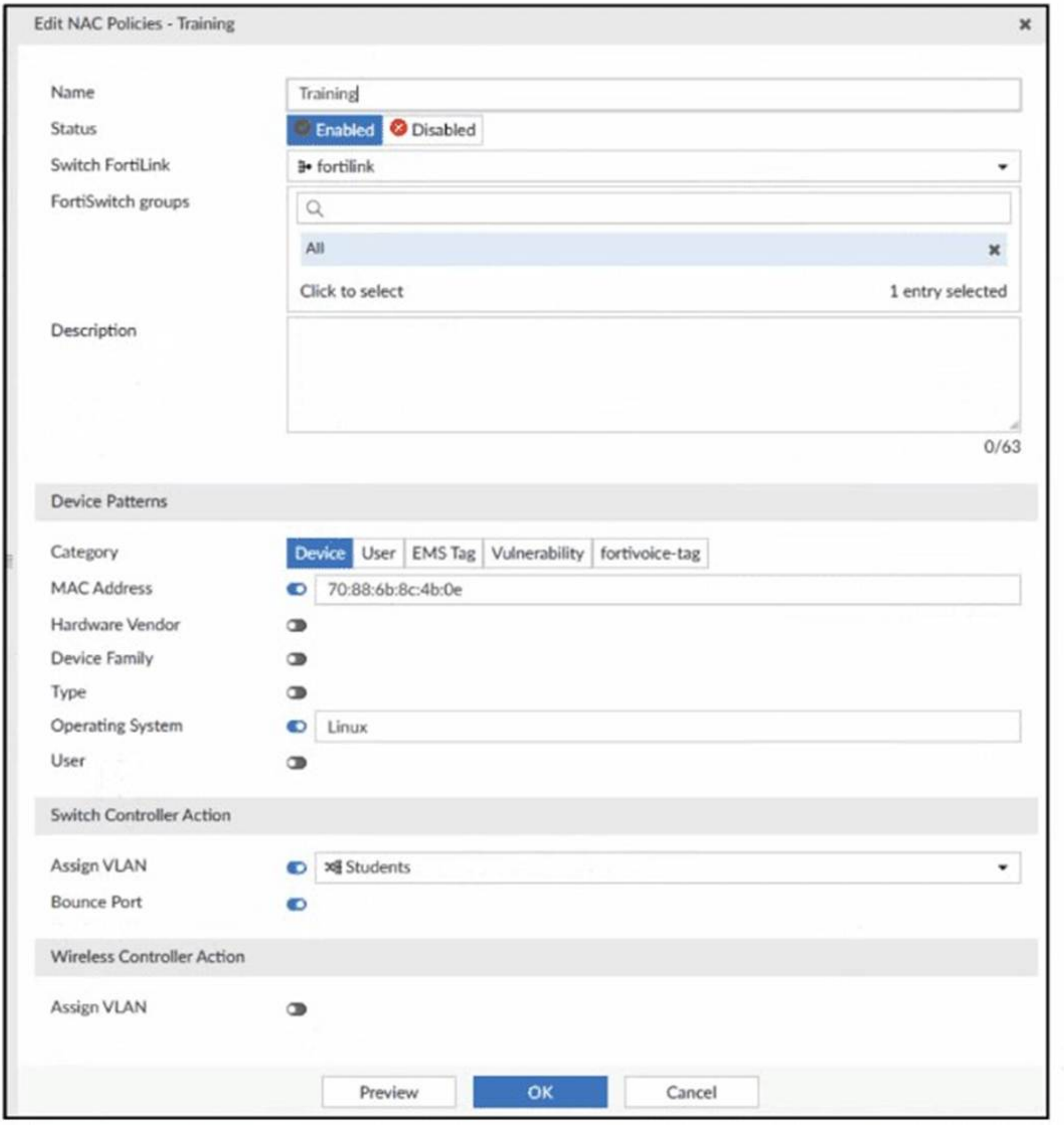
A. The first AP 2.4 GHz interface provides a stronger signal, which clients often prioritize.
B. The first AP 5 GHz interface because it has a stronger signal.
C. The second AP 5 GHz interface has fewer clients, which ensures better performance despite the weaker signal.
D. The second AP 2.4 GHz interface is preferred over 5 GHz for better speed and lower interference.

Answer: C

NEW QUESTION 3
Refer to the exhibits.



NAC policy



A NAC policy has been configured to apply traffic that flows through FortiSwitch port 2. Traffic that meets the NAC policy criteria will be assigned to the Students VLAN. However, the NAC policy does not seem to be taking effect.
Which configuration is missing?

A. Port2 Access mode should be set to NAC mode.
B. The MAC address or OS might be misconfigured for the connected device.
C. Port2 Access mode should be set to Port Policy mode.
D. The Students VLAN should be set to Allowed VLANs instead of Native VLAN.

Answer: A

NEW QUESTION 4
You are troubleshooting a Syslog-based single sign-on (SSO) issue on FortiAuthenticator, where user authentication is not being correctly mapped from the syslog messages. You need a tool to diagnose the issue and understand the logs to resolve it quickly.
Which tool in FortiAuthenticator can you use to troubleshoot and diagnose a Syslog SSO issue?

A. Debug logs > Remote Servers > Syslog Viewer
B. Parsing Test Tool

C. Debug logs > SSO Sessions page
D. Debug logs > Single Sign-On > Syslog SSO

Answer: D

NEW QUESTION 5
Refer to the exhibits.

FortiGate VLAN AP settings

```
config system interface
    edit "APs"
        set vdom "root"
        set ip 10.10.100.254 255.255.255.0
        set allowaccess ping
        set alias "AP Management"
        set device-identification enable
        set role lan
        set snmp-index 118
        set ip-managed-by-fortiipam disable
        set interface "fortilink"
        set vlanid 100
    next
end
```

DHCP configuration

```
config system dhcp server
    edit 7
        set dns-service default
        set default-gateway 10.10.100.254
        set netmask 255.255.255.0
        set interface "APs"
        config ip-range
            edit 1
                set start-ip 10.10.100.1
                set end-ip 10.10.100.253
            next
        end
    next
end
```

FortiSwitch port1 VLAN AP assignment

```
config switch-controller managed-switch
    edit "FortiSwitch"
        set sn "S224EPTF19006016"
        set fsw-wan1-peer "fortilink"
        set fsw-wan1-admin enable
        set poe-detection-type 2
        set version 1
        set max-allowed-trunk-members 8
        set pre-provisioned 1
        set dynamic-capability 0x00000000000000001551027757ddfff7
        config ports
            edit "port1"
                set poe-capable 1
                set vlan "APs"
                set allowed-vlans "VLAN102" "VLAN101" "quarantine"
                set untagged-vlans "quarantine"
                set export-to "root"
                set mac-addr 04:d5:90:39:7d:8e
            next
```

A FortiSwitch is successfully managed by a FortiGate. FortiAP is connected to port1 of the managed FortiSwitch. On FortiGate, the VLAN AP is configured to detect and manage FortiAP, along with a DHCP server for the VLAN AP. Additionally, the VLAN AP is assigned to port1 of FortiSwitch. However. FortiGate is unable to detect or manage FortiAP.
Which FortiGate misconfiguration is preventing the detection of FortiAP?

A. Security Fabric is disabled in the administrative access options of the VLAN.
B. The FortiAP firmware is incompatible with the FortiGate firmware version.
C. The VLAN is not tagged correctly on the FortiSwitch uplink port.
D. The CAPWAP ports (UDP 5246 and 5247) are not open on FortiGate.

Answer: A

NEW QUESTION 6
Which VLAN is used by FortiGate to place devices that fail to match any configured NAC policies? CRSPAN

A. NAC
B. segment
C. Quarantine
D. Onboarding

Answer: D

NEW QUESTION 7
Why is it critical to maintain NTP synchronization between FortiGate and FortiSwitch when FortiLink is configured?

A. To facilitate synchronization of firmware updates across devices
B. To allow FortiSwitch to communicate with other FortiSwitche devices in the network.
C. To ensure accurate time for logs, authentication, and event correlation
D. To allow FortiSwitch to function in standalone mode if FortiGate becomes unavailable

Answer: C

NEW QUESTION 8
Which statement about generating a certificate signing request (CSR) for a CER certificate is true?

A. Inaccurate or missing fields in the CSR will prevent the CA from validating the request, leading to the rejection of the certificate and possible delays in the deployment process.
B. If key fields like the common name (CN) and organization (O) are incorrect, the certification authority (CA) will still issue the certificate, but it may not be trusted by certain applications or systems that rely on accurate field information for validation.
C. CSR fields are primarily used for internal recordkeeping by the requesting organization, and only the public key in the CSR must be accurate for successful certificate signing.
D. The fields in the CSR are primarily for documentation purposes; any missing or incorrect information will be automatically corrected by the CA during the signing process.

Answer: A

NEW QUESTION 9
You are deploying a FortiSwitch device managed by FortiGate in a secure network environment. To ensure accurate communication, you must identify which protocols are required for communication and control between FortiGate and FortiSwitch.
Which three protocols are used by FortiGate to manage and control FortiSwitch devices? (Choose three.)

A. SNMP can be used by FortiGate to manage FortiSwitch devices by monitoring their status.
B. UHTTPS is usea;by FortiGate to securely manage and configure FortiSwitch devices.
C. FortiGate uses the Fortilink protocol to establish communication with FortiSwitch.
D. CAPWAP is used to establish the control channel between FortiSwitch and FortiGate.
E. IGMP is required for managing communication between FortiGate and FortiSwitch devices in multicast environments.

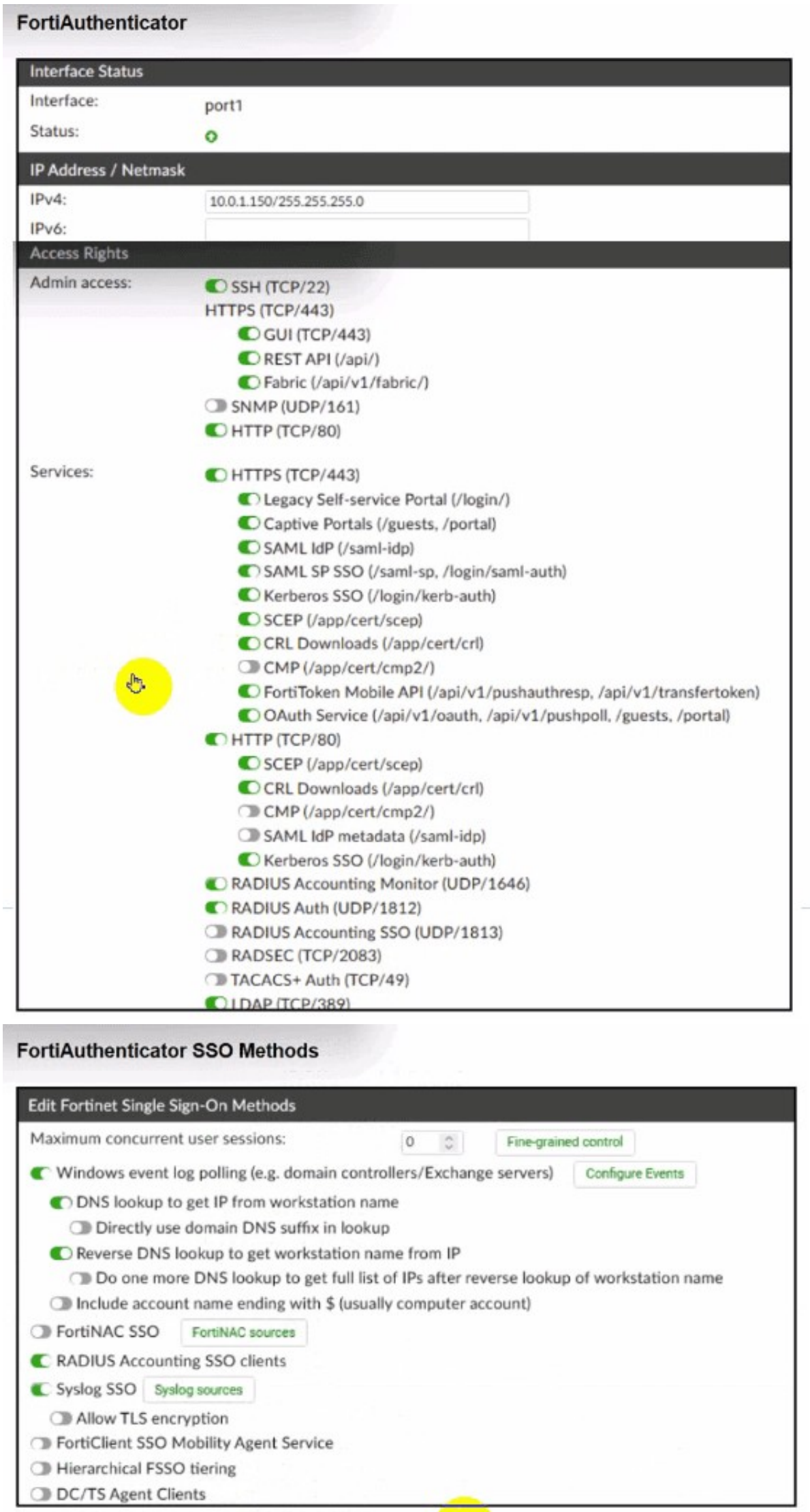
Answer: BCD

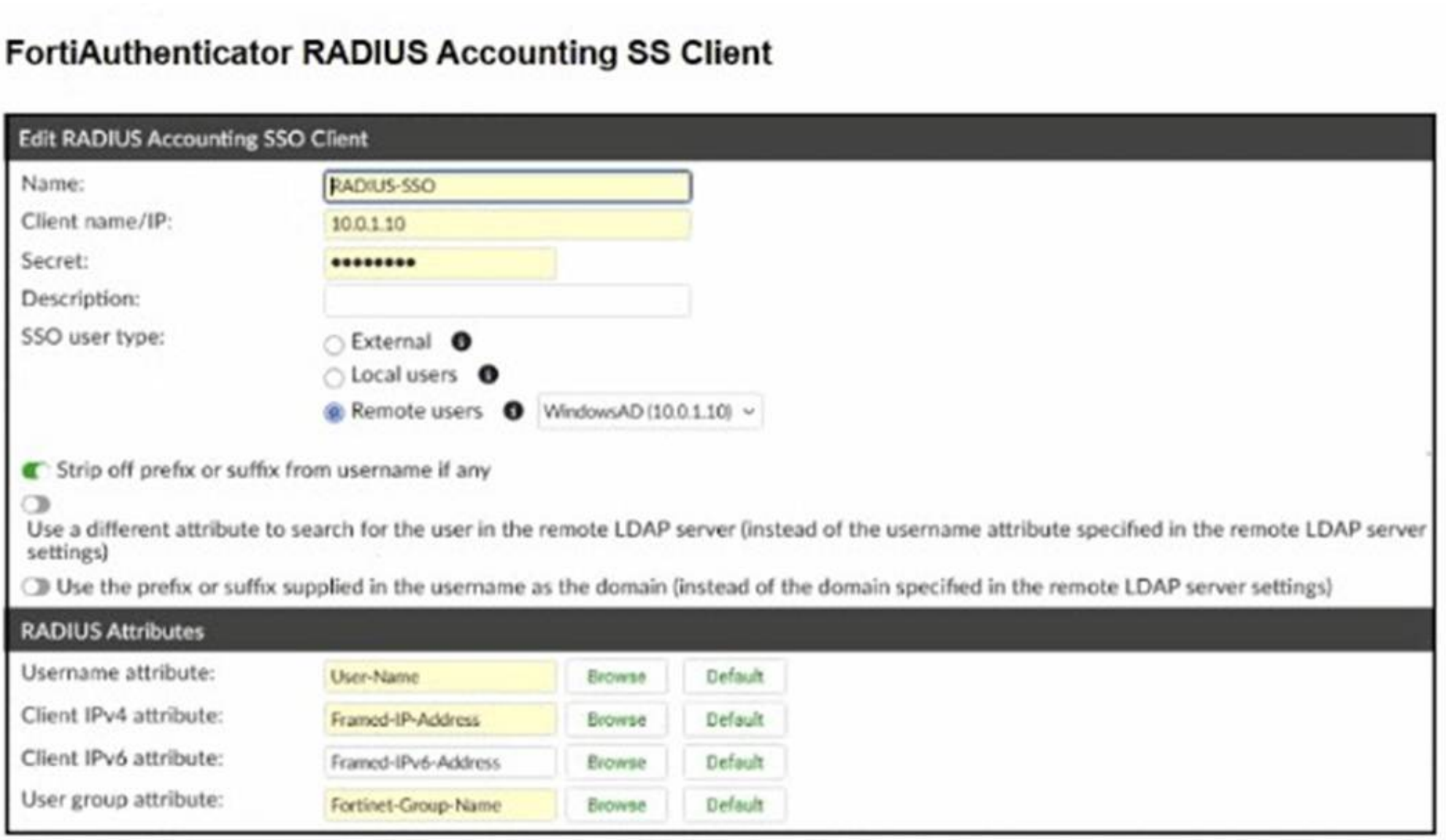
NEW QUESTION 10
What is the primary function of FortiLink NAC in a LAN environment?

A. To extend security policies across FortiGate firewalls only
B. To automate device onboarding and verify security posture
C. To manage FortiSwitch devices and apply manual firewall rules
D. To ensure devices are manually placed in VLANs based on their user roles

Answer: B

NEW QUESTION 10
Refer to the exhibits.





A company has multiple FortiGate devices deployed and wants to centralize user authentication and authorization. The administrator decides to use FortiAuthenticator to convert RSSO messages to FSSO, allowing all FortiGate devices to receive user authentication updates.
After configuring FortiAuthenticator to receive RADIUS accounting messages, users can authenticate, but FortiGate does not enforce the correct policies based on user groups. Upon investigation, the administrator discovers that FortiAuthenticator is receiving RADIUS accounting messages from the RADIUS server and successfully queries LDAP for user group information. But, FSSO updates are not being sent to FortiGate devices and FortiGate firewall policies based on FSSO user groups are not being applied.
What is the most likely reason FortiGate is not receiving FSSO updates?

A. The RADIUS Username and Client IPv4 attributes are not defined on FortiAuthenticator.
B. The LDAP server is not configured to retrieve group memberships for RSSO users.
C. FortiAuthenticator is missing the FSSO user group attribute in the configuration.
D. The FortiAuthenticator interface is not enabled to receive RADIUS accounting messages.

Answer: A

NEW QUESTION 11
A network administrator connects a new FortiGate to the network, allowing it to automatically discover andI register with FortiManager.
What occurs after FortiGate retrieves the FortiManager address?

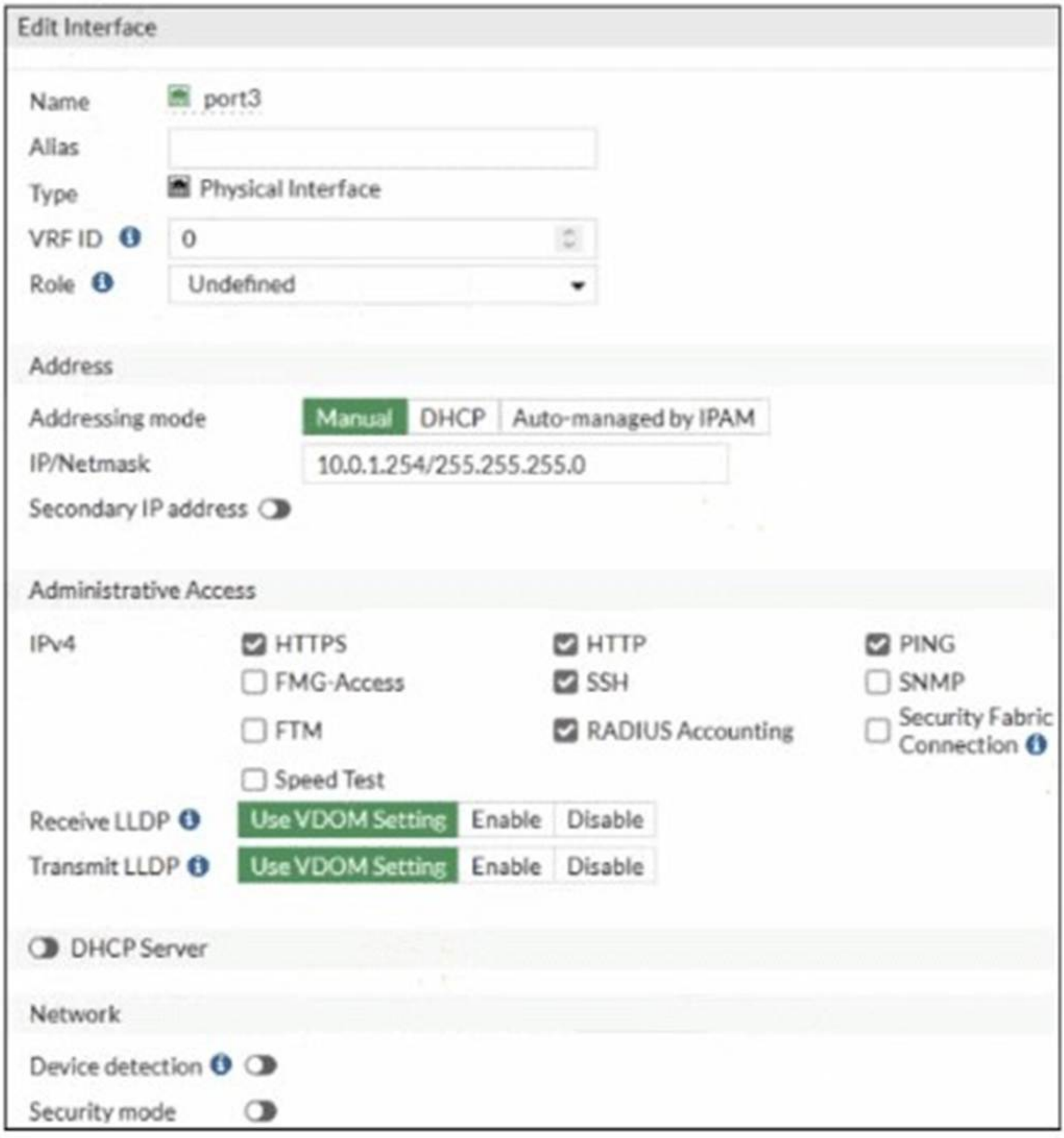
A. FortiGate establishes a secure tunnel to FortiManager over TCP port 541.
B. The device needs to be manually authorized on FortiManager.
C. FortiGate configures its interface settings based on a DHCP response from FortiManager.
D. FortiGate sends a discovery request to all devices on the local network using UDP port 1068.

Answer: A

NEW QUESTION 12
Refer to the exhibits.

FortiGate RSSO configuration

FortiGate interface configuration



Examine the FortiGate RSSO configuration shown in the exhibit.
FortiGate is set up to use RSSO for user authentication. It is currently receiving RADIUS accounting messages through port3. The incoming RADIUS accounting messages contain the username in the User-Name attribute and group membership in the Class attribute. You must ensure that the users are authenticated through these RADIUS accounting messages and accurately mapped to their respective RSSO user groups.
Which three critical configurations must you implement on the FortiGate device? (Choose three.)

A. The RADIUS Attribute Value setting configured for an RSSO user group should match the class RADIUS attribute value in the RADIUS accounting message.
B. RSSO user groups should be assigned to all firewall policies.
C. Device detection and Security Fabric Connection should be enabled on port3
D. The sso-attribute CLI setting in the RSSO agent configuration should be set to Class.
E. The rsso-endpoint-attribute CLI setting in the RSSO agent configuration should be set toUser-Name.

Answer: ADE

NEW QUESTION 15

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