

7691X.exam

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7691X

Avaya Mobility Networking Solutions Troubleshooting and Maintenance

Version 1.0

Exam F

QUESTION 1

Refer to the exhibit.

RADIUS AAA Summary			TACACS+AAA Summary			Guest Manager AAA Summary		
+ User Authentication/Authorization Activity (last 200 records)								Auto-Refresh
Succeeded		Failed						
Timestamp	User/ MAC	Device Name	Device Type	Device Sub Type	Authentica tor	Policy Rule	Directory	Auth Protocol
2016-12-01 10:20:23	64A7DD 012325	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-12-01 10:19:41	64A7DD 012324	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-12-01 10:03:26	64A7DD 012325	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-12-01 10:02:47	64A7DD 012324	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-12-01 10:01:13	64A7DD 0337F2	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-12-01 10:01:13	64A7DD 0337F1	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-12-01 08:29:54	64A7DD 012325	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-12-01 08:29:23	64A7DD 012325	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-12-01 08:28:39	64A7DD 012324	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-12-01 08:28:39	64A7DD 0337F2	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-12-01 08:28:39	64A7DD 0337F1	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-11-30 16:40:59	64A7DD 012325	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-11-30 16:40:54	64A7DD 012324	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-11-30 16:40:54	64A7DD 0337F2	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-11-30 16:40:54	64A7DD 0337F1	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-11-30 16:33:31	64A7DD 012325	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-11-30 16:32:58	64A7DD 012324	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-11-30 16:32:57	64A7DD 0337F1	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-11-30 16:32:57	64A7DD 0337F2	64A7DD 012325	FA client	wlan-9100	4850-IDE4	rule2		NONE/MAC_ AUTH
2016-11-30 13:46:41	ide4				10.4.10.30	Example -Allow- Rule	ADstore1	NONE/PAP

When troubleshooting the Wireless Access Points, what information can be determined from the exhibit?

- A. There are 30 Access Points which are currently monitored by IDE.
- B. The Access Points are authenticated through Active Directory (AD).
- C. The Access Points are authenticated using Ignition Server (Radius Server).
- D. The Access Points are authenticated using Ignition Server (Tacacs + Server).

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

WLAN Clients failed to obtain the IP address in External Captive Portal Setup.

What is causing this problem?



- A. The External Captive Portal is not running.
- B. The external DHCP server may not be functional or reachable.
- C. The built-in DHCP server will get disabled whenever the External Captive Portal is enabled.
- D. The Access Portal does not redirect the clients to the External Captive Portal.

Correct Answer: C

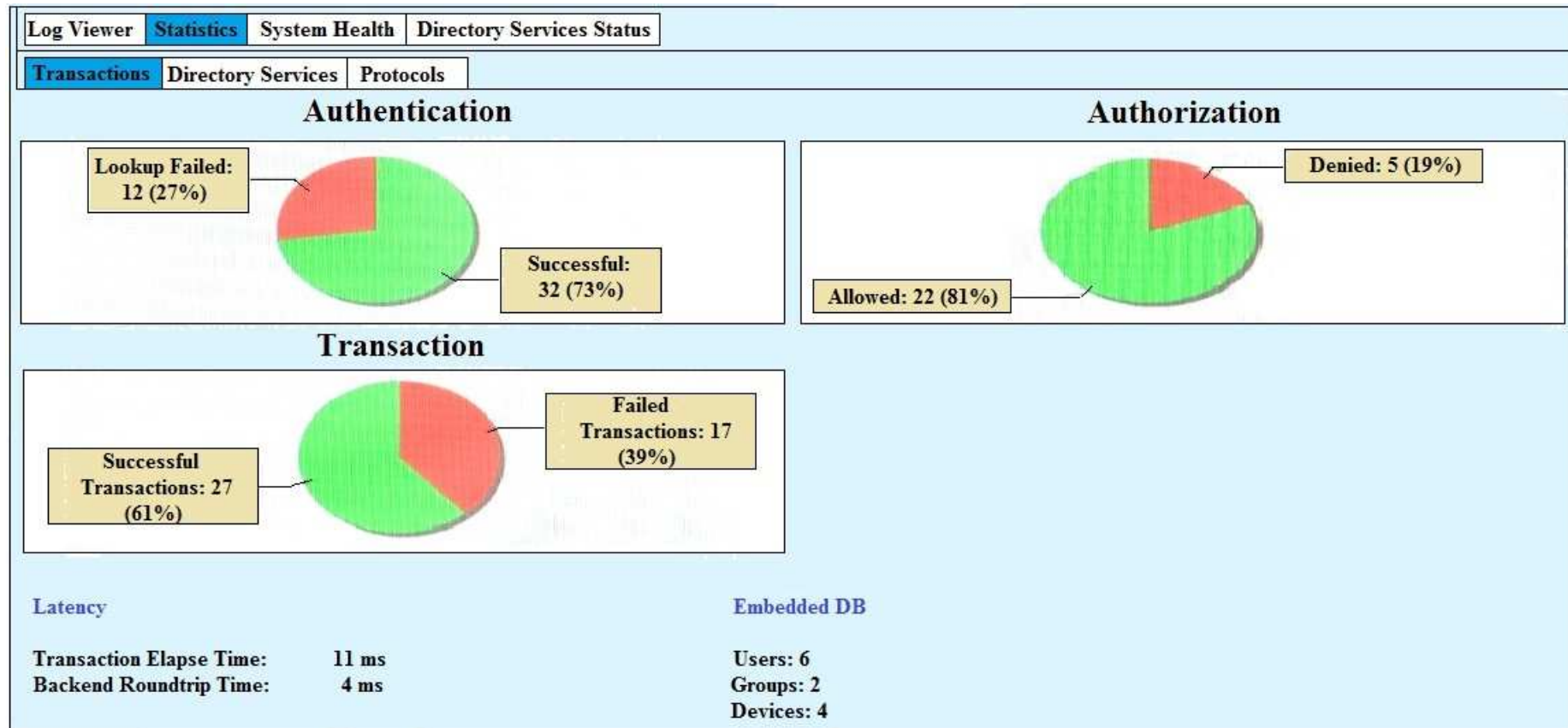
Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

Refer to the exhibit.



The customer IT supervisor wants to know the total number of authentication failures on their IDE server, to confirm if it is functioning properly. The IT engineer has shared this exhibit with the IT supervisor.

What information can be gathered from this exhibit?

- A. Access Portal; Monitoring Statistics
- B. Guest Manager; Monitoring Statistics
- C. Ignition Server; Monitoring Statistics
- D. Ignition Server; Monitoring Log viewer

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

In the event of a fault in Ignition Server, you generate a trouble ticket file that Avaya support staff can use to diagnose the problem.

Which process is needed to generate a trouble ticket for the Ignition Server?

- A. Ignition Dashboard > Troubleshooting > Trouble Ticket
- B. Ignition Dashboard > Monitoring > Trouble Ticket
- C. Ignition Dashboard > Actions > Trouble Ticket
- D. Ignition Dashboard > Trouble Ticket

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

An Administrator has completed the Wireless Orchestration System configuration.

Which parameter does WOS use to discover WLAN 9100 series Access Points?

- A. DHCP Records
- B. DNS Records
- C. ARP Records
- D. IP Records

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

You are the administrator and a new employee has just joined your organization's Accounts Group.

Which command is used to assign the new employee's workstation to Accounts Group on Wireless Access point?



- A. #assign-sta-group <macaddress> <group-name>
- B. #assign stn grp <macaddress> <group-name>
- C. #assign-station-group <macaddress> <group-name>
- D. #assign-stn-group <macaddress> <group-name>

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

A customer has a License Certificate which includes the License Activation Code.

From which portal can the customer request WLAN 9100 Licenses?

- A. <http://licenses.wifi.avaya.com>
- B. <http://avaya.licenses.com>
- C. <http://support.avaya.com>
- D. <http://avaya.wlan.licenses.com>

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.avayadatalicensing.com/>

QUESTION 8

Refer to the exhibit.

```
Diagnostic file already exists. It will be overwritten
Do you want to proceed? [yes/no]: yes
Generating diagnostic log file .....OK
```

Which CLI command is used to obtain the Wireless Access Point diagnostic log shown in the exhibit?

- A. runtest > diagnostics
- B. runtest > diagnostic-log
- C. runtest > diagnosticlogs
- D. runtest > diagnostics-log

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Which on-premise product provisions, manages, and controls guest users and BYOD access, with minimal to no assistance from IT?

- A. Ignition Access portal
- B. Avaya CNP
- C. Ignition Guest manager
- D. Wireless Orchestration System

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

During the D7 – Prevent Recurrences stage, which step is important?

- A. Gather the network information for the root cause analysis.
- B. Implement the recommendations on the customer system.
- C. Share the resolution with the customer.
- D. Document your recommendations.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://global8d.guru/process/d7-prevent-recurrence/>

QUESTION 11

Which three areas of Ignition Dashboard are used as the management tool for Ignition Server implementation? (Choose three.)

- A. Integration
- B. Administration
- C. Troubleshooting
- D. Configuration
- E. Monitoring

Correct Answer: CDE

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://downloads.avaya.com/css/P8/documents/100160971> (See page no: 38)

QUESTION 12

Which 8D Troubleshooting methodology corresponds to the Global Support Services troubleshooting methodology step of Hypothesis Testing?

- A. D3 Containment D4 Triggers/Root Cause

- B. D1 Form Team, D2 Define Problem
- C. D6 Implement Corrective Actions
- D. D5 Choose Corrective Actions

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www.brooks.com/my-brooks/suppliers/~media/Files/Suppliers/Documents/5 Why Root Cause Corrective Actions.pdf>

QUESTION 13

For a complete picture of the WLAN network, what information should be available? (Choose three.)

- A. Total WAPs deployed
- B. Total firewalls deployed
- C. List of the routers
- D. IDE components deployed
- E. Device inventory list

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

You have deployed a WLAN solution in an enterprise.

To ease fault detection and management, which two configuration recommendations do you need to know? (Choose two.)

- A. details of WOS platform to notify critical alarms
- B. details about Wireless Authentication Protocols
- C. details about NTP Servers
- D. details of System Hostnames

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

Which three advanced RF capabilities of WLAN 9100 will let you optimize your wireless spectrum to ensure a high quality of user experience for your Wi-Fi users? (Choose three.)

- A. Bonjour Optimization
- B. Honeypot Support
- C. Software Programmable Radios
- D. Load sharing across Radios
- E. High Availability across Radios

Correct Answer: ACD

Section: (none)

Explanation

Explanation/Reference:

Explanation: Avaya WLAN 9100 improves the user experience by maximizing the use of RF resources. Whether you require roaming assistance for sticky clients, Bonjour optimization, softwareprogrammable radios, load balancing across radios, or HoneyPot support, the advanced RF capabilities of WLAN 9100 will let you optimize your wireless spectrum to ensure a high quality user experience for your mobile users.

QUESTION 16

Which statement describes the D3 - Develop Interim Containment Actions stage of 8D Troubleshooting methodology?



- A. Perform this step only if there is a way to limit the scope of the problem without destroying information needed to determine the root cause.
- B. Use information collected while describing the problem and troubleshooting the issue, as well as develop and test a problem hypothesis
- C. Go beyond the symptoms and document what is and is not working. Be specific. Provide as much needed information as available.
- D. Follow best practices when designing, deploying, maintaining, and documenting the mobility network.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

What are the two key advantages of an Avaya Identity Engine solution? (Choose two.)

- A. It has identity and device based network access control by policy processing.
- B. It is flexible in securing the network access by support of the mostly used protocols and mechanisms.
- C. It integrates third party vendors AAA servers to consolidate network access policies.
- D. It can automatically send fabric attach configuration to edge devices with identity policies.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

Reference: <file:///C:/Users/abdullah/Downloads/AvayaIdentityEnginesPortfolioDN5115.pdf>

QUESTION 18

From which portal do customers or partners get free 30-day trial licenses for the Identity Engines portfolio?

- A. www.avaya.com
- B. www.plds.avaya.com
- C. www.support.avaya.com
- D. [www.avaya.com /identitytrial](http://www.avaya.com/identitytrial)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: https://support.avaya.com/public/index?page=content&id=SOLN229886&group=UG_PUBLIC

QUESTION 19

Refer to the exhibit.



Monitor > Overview > Access Points > Status up

i VMware tools are not installed. Please install VMware tools on your WOS Virtual Appliance.
[Details](#)

Refresh

Reboot

Assign to Profile

Pull Diagnostic Logs

Pull Config

Packet Capture

Configure ▼

		Hostname	Management IP Address	Location	Model	Stations	Access Point OS Version	Profile
		A272445012324	10.200.4.201		WAP912	0	7.2.8 (Jul 17 2015), Build: S494	Lab-4-Profile

What does the green symbol beside the Access Point on WOS Web interface indicate?

- A. The Access Point is busy.
- B. The Access Point is not ready.
- C. The Access Point is down.
- D. The Access Point is up.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

Refer to the exhibit.

Fabric Attach Status

State

enabled

Element Type

FA Client - Wireless Access Point Type 1

Element State

untagged

Management VLAN

0

Element Gig1 Mac Address

64:a7:dd:01:23:24

Element Gig2 Mac Address

64:a7:dd:01:23:25

Message Auth Key

Default

enabled

FA Client - Wireless Access Point Type 1

untagged

0

64:a7:dd:01:23:24

64:a7:dd:01:23:25

Default

Fabric Attach Elements

Interface	IP Address	Type	Mgmt VLAN	MAC Address	Last Update
gig2	10.4.10.50	FA Proxy No Auth	2041	6c:a8:49:65:00:00	27
gig1	10.4.10.50	FA Proxy No Auth	2041	6c:a8:49:65:00:00	6
10.4.10.50	FA Proxy No Auth	2041	6c:a8:49:65:00:00	27	
10.4.10.50	FA Proxy No Auth	2041	6c:a8:49:65:00:00	6	

Which component is referred to as the FA Client?

- A. Access Point
- B. Ignition Server
- C. ERS switch
- D. VSP switch

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

What is the default IP address assigned to the Wireless Orchestration System (WOS) application?

- A. 192.168.1.3/24
- B. 192.168.1.10/30
- C. 192.168.1.1/24
- D. 192.168.1.10/24

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://downloads.avaya.com/css/P8/documents/100181422>

QUESTION 22

To determine the Tx and Rx thresholds for the Access Point, which command can be run on the Access Point?

- A. show radio
- B. show aip
- C. show api
- D. show iap

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

IDE Licenses files are bound to which two components? (Choose two.)

- A. Ignition Analytics
- B. Access Portal
- C. Guest Manager
- D. Ignition Dashboard

E. Ignition Server

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

Refer to the exhibit.

```
70:62:b8:ab:68:e0 10.200.243.106 fe80::1875:c718:9908:e0f D-Link Guest488ID
243 0 iapl 72.2 72.2 -47 0:00:02
```

Which CLI command produces the output in the exhibit?

- A. show associated-stations
- B. show conntrack
- C. show capabilities
- D. show contact-info

Correct Answer: B

Section: (none)

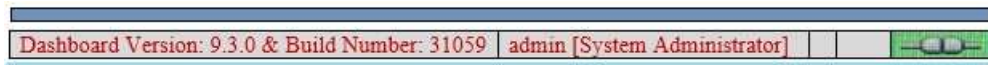
Explanation

Explanation/Reference:

QUESTION 25

Refer to the exhibit.





What can be determined from the Ignition Dashboard screen shown in the exhibit?

- A. It is connected successfully to Ignition Analytics as admin.
- B. It is connected successfully to Ignition Server as admin.
- C. It is connected successfully to Access Portal as admin.
- D. It is connected successfully to Guest Manager as admin.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://downloads.avaya.com/css/P8/documents/101032210>

QUESTION 26

Refer to the exhibit.

Date:	Monday, September 14, 2015
Customer Name and Contact Information:	
Subsystem: Where did the problem occur? Email, Website, Application, Connectivity	
Number of affected users:	
Location of affected users:	
Frequency of issue:	
New Installation / Configuration:	
Business Impact:	Critical / System Down, Significant Impact to Multiple Users, Significant Impact to Single User, Normal/Minor Impact, Low/Informational, Change Request.
Problem Description:	Describe the problem in detail. List specific services, addresses, or machines impacted. What steps has the customer taken to attempt to troubleshoot or resolve the issue? Include a network diagram if possible.
Associated Devices:	Devices and software versions, last update, configuration changes
Working Components:	Describe what is working. What can the customer access?
Timeline:	Describe the timeline of events. When did they begin? Were there any changes before the issue began?

What does the exhibit information represent?

- A. Site Survey Report
- B. Root Cause Analysis
- C. Initial Report
- D. Outage Report

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

Refer to the exhibit.

Gigabit Ethernet 1 Statistics		up, link up, 1000, full duplex	
Receive Bytes	2669118	Transmit Bytes	5072673
Receive Packets	11408	Transmit Packets	27852
Receive Compressed	0	Transmit Compressed	0
Receive Multicast	1673	Transmit Carrier Errors	0
Receive Dropped	0	Transmit Dropped	0
Receive FIFO Errors	0	Transmit FIFO Errors	0
Receive Frame Errors	0	Transmit Collisions	0
Receive Total Errors	0	Transmit Total Errors	0

Which kind of statistics are displayed in the exhibit?

- A. Wireless Access Point Network interface Statistics
- B. Wireless Router Internet Uplink Statistics
- C. Wireless Access Point RADIO interface Statistics
- D. Ethernet Switch Port Statistics

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

A Wireless Client is assigned to a specific network based on which three criteria? (Choose three.)

- A. Client signal strength
- B. Management VLAN if there is no VLAN mapped to SSID
- C. RADIUS attribute specifying VLAN
- D. VLAN mapped to the SSID
- E. Client device model type

Correct Answer: ACD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

What are the two port numbers used by RADIUS Server for authentication and accounting services?

- A. 2865 and 2866
- B. 4990 and 5500
- C. 1812 and 1813
- D. 1645 and 1646

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation: On all recent RADIUS server implementations, UDP/1812 is the authentication and authorization port, and UDP/1813 is the accounting port.

Reference: <https://supportforums.cisco.com/discussion/12293216/which-port-numbers-are-used-radius-accounting-and-radius-authentication>

QUESTION 30

Where do you check the status of a guest management user interface connection to Ignition Server?

- A. Guest Manager > Devices
- B. Administration > Account
- C. Connection > Appliance.



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- D. Connection > RADIUS

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://downloads.avaya.com/css/P8/documents/100160969>

QUESTION 31

Which two business problems can be resolved by Avaya Identity Engines? (Choose two.)

- A. Increases signal interferences as more users login to the Wi-Fi premises.
- B. Centralized policy management to improve and eliminate policy distribution costs.
- C. Quick and flexible integration with major enterprise directories.
- D. Network outages in an enterprise.

Correct Answer: BC

Section: (none)

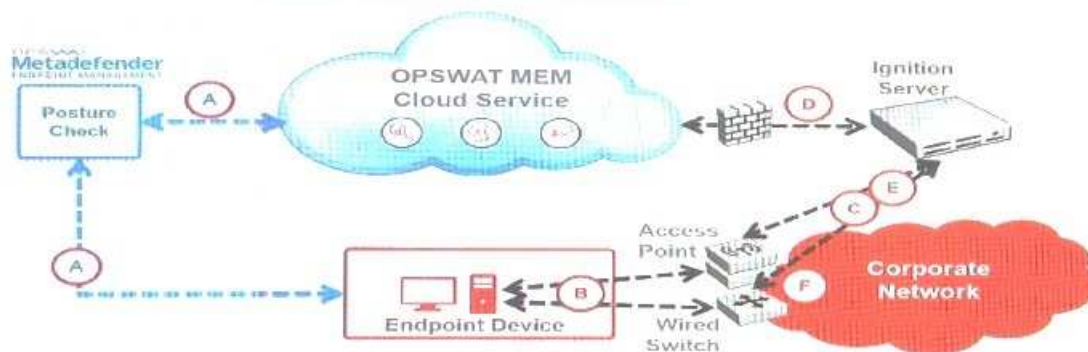
Explanation

Explanation/Reference:

QUESTION 32

Refer to the exhibit.

OPSWAT Metadefender – Concept of Operation



Flow of Operations:

- A. OPSWAT agent reports endpoint device posture.
- B. Ignition Server Access Policy evaluates posture and responds to switch or access point with deny or allow and network service (VLAN or VLAN:ISID).
- C. User is granted access to the network.
- D. User gets authenticated by Ignition Server.
- E. Device posture caching is done in Ignition Server in parallel to other steps.

F. User connects to corporate network via wired switch or Access Point.

Given the diagram flow of operation from A to F, what is the correct sequence of operations?

- A. A, F, D, E, B, C
- B. A, B, C, F, D, E
- C. A, F, B, C, D, E
- D. A, F, D, C, E, B

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

Refer to the exhibit.

The screenshot shows the Mikrotik WinBox configuration interface. On the left is a navigation menu with categories: Access Point, Network, RF Monitor, Stations, Statistics, System Log, DS Event Log, Configuration (highlighted), Express Setup, and Network. Under 'Configuration', 'Interfaces' is selected, and 'Bonds & Bridging' is highlighted. The main panel displays the configuration for 'Interface: bond1'. The 'Bond' is 'bond1' and the 'Mode' is 'link-backup'. The 'Ports' are 'gig1' and 'gig2', and 'VLANs' are 'all'. A red box highlights the 'Bond Ports' section, which shows 'gig1' and 'gig2' both checked. The 'Bond Mode' is set to 'Active backup (gig ports fall over to each other)'. The 'Active Vlan' is 'All Vlan'. The 'Mirroring' is 'Disabled'.

What information can be understood from the WAP WMI Interface?

- A. bond1 has gig1 and gig2 in active-active mode.

- B. bond1 only contains gig1 interface.
- C. bond1 is enabled to capture only Mgmt VLAN.
- D. bond1 is enabled and Mirroring is disabled.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

Which two diagnostic views are provided by IDE Ignition Dashboard? (Choose two.)

- A. Access Point Log Debugger
- B. Directory Service Debugger
- C. Syslog information Debugger
- D. System MAC Tables
- E. Packet Captures

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

When performing test connections to Directory Services in Ignition Server, why do you receive the message, "Could not parse schema."?

- A. The Directory Services are not able to authenticate to the Ignition Server.
- B. The Ignition Server is incompatible with Directory Services.
- C. The Ignition Server Directory Services are not running.
- D. The Directory Services are not installed in the Ignition Server.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

When you click the Test Connections button in the Directory Services panel, Ignition Server returns the message, "Could not parse schema." If you see this message, it means that Ignition Server could not read the schema because Ignition Server is incompatible with your directory version or vendor, or because you have modified your schema in a manner that Ignition Server's parser cannot interpret.

Reference: <https://downloads.avaya.com/css/P8/documents/100122709> (p.447)

QUESTION 36

A company decided to add an extra wireless LAN for contractors to access certain parts of the corporate network.

In the existing network infrastructure, what are two reasons the SSID is not visible to contractors? (Choose two.)

- A. The SSID MAC Binding is enabled.
- B. The SSID security key is incorrect.
- C. The SSID broadcasting is disabled.
- D. The SSID is not configured properly.

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

Which two reasons explain why the Ignition Server RADIUS service cannot handle authentication requests from its client? (Choose two.)

- A. Ignition Server Data Elements are not present.
- B. Access policies are not defined for the server.
- C. The Ignition Server engine is not running.
- D. Ignition Server RADIUS Server is not bound to the correct port.
- E. Ignition Server dropped the request.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

