Vendor: Aruba

Exam Code: ACMP_6.3

Exam Name: Aruba Certified Mobility Professional 6.3

Version: Demo

QUESTION 1
Which of the following Aruba controllers is able to provide IEEE 802.3af? (Choose two)

A. 3200
B. 620
C. 650
D. 6000 with M3
E. 7000

Correct Answer: BC

QUESTION 2
What is the maximum number of remote APs supported by a 3600 controller?

A. 512
B. 1024
C. 128
D. 256
E. 2048

Correct Answer: A

QUESTION 3
Which dual radio access point models support concurrent operations in the 2.4Ghz band as well as the 5Ghz band? (Choose three)

A. AP-92
B. AP-93
C. AP-105
D. AP-224
E. AP-135

Correct Answer: CDE

QUESTION 4
Which of the following APs do NOT support dual radio operations? (Choose two)

A. AP 93
B. AP 105
C. RAP 3WN
D. AP 224
E. AP 135

Correct Answer: AC

QUESTION 5
Centralized licensing is not in use on an Aruba based network which has a Master and three local controllers. No APs terminate on the Master controller. Roles and Firewall policies need to be created and applied, hence PEF-NG license is required

On which controller should the license be installed?

A. Only the master controller since role and firewall policies are created here.
B. Only the local controllers since firewall policies are applied here
C. The master and all three local controllers

D. This isn't the correct license for this purpose, use PEF-VPN license

E. This is not needed because PEF-NG is part of base OS

Correct Answer: C

QUESTION 6
What information do you need to generate a feature license key for an Aruba controller?

A. The controller's MAC address and the feature description.

B. Controller's MAC address and the certificate number

C. Controller's Serial Number and the feature description

D. Controller's Serial Number and the certificate number

E. Controller's MAC address and Serial Number

Correct Answer: D

QUESTION 7
What are the PEF-NG license limits based on?

A. Number of APs

B. One license per controller

C. Number of users

D. Number of local controllers

E. Master Controller total user count

Correct Answer: A

QUESTION 8
Which of the following licenses are consumed by Mesh APs advertising an SSIDs?

A. AP license

B. Mesh license

C. PEF-V license

D. No license is required

E. RAP License

Correct Answer: A

QUESTION 9
The permanent licenses on the controller will be deleted with the use of which command?

A. Delete license

B. Write erase

C. Licenses cannot be deleted once activated

D. Write erase all

E. Reboot delete all

Correct Answer: D

QUESTION 10
A network administrator wants to terminate VPN sessions on a local controller in the DMZ.
Which statement is true about the PEF-VPN license?

A. It is only applied to the master controller

B. It is only applied to the DMZ controller.

C. It is based on the number of APs

D. One license is needed on the master and the DMZ local

E. It is distributed by the license server as needed

Correct Answer: D

QUESTION 11
What is the best practice regarding licensing for a backup master to support Master Redundancy in a network without centralized licensing?

A. Backup master only requires the AP license

B. Supported limits and installed licenses should be the same on primary master and backup Master

C. Licenses are pushed from the primary to the backup Master along with the configuration

D. The Backup Master does not require licenses to support master redundancy

E. On the backup only one license of each type is needed.

Correct Answer: B

QUESTION 12
Which of the following licenses can be included in the licensing pool for centralized licensing? (Choose three)

A. Factory default licenses

B. PEFNG license

C. Evaluation licenses

D. RFProtect license

E. PEFV license

Correct Answer: BCD

QUESTION 13
By default Centralized licensing messages between master controllers are sent _____.

A. In the clear unencrypted

B. Using CPSec

C. Using IPSec site to site VPN tunnels

D. Encrypted using GRE

E. PAPI

Correct Answer: A

QUESTION 14
Which of the following will occur if a master license server fails with no standby server present? (Choose two)

A. Local controllers licenses will continue to be valid for 30 days

B. Local controllers will immediately remove all installed licenses

C. No licenses will be sent to any new controllers that come online

D. All licenses go back into the pool for redistribution

E. A Local Controller elects itself master license server

Correct Answer: AC

QUESTION 15
Which may be applied directly to an VLAN interface? (Choose three)

A. Access List (ACL)

B. Firewall Policy

C. Roles

D. AAA profiles

E. RF Plan Map

Correct Answer: ABD

QUESTION 16
When creating a firewall rule on an Aruba controller, which parameter is optional?

A. Destination

B. Service

C. Source

D. Log

E. Action

Correct Answer: D

QUESTION 17
An administrator creates a WLAN with an unmodified default AAA profile. What is the default role the user is placed in?

A. default-logon

B. logon

C. guest-logon

D. default-ap

E. AP-Role

Correct Answer: B

QUESTION 18
What is the first role a user is given when a user associates to an open WLAN?

A. The guest post authentication role

B. The initial role in the captive portal profile

C. The role in the server group profile

D. The initial role in the AAA profile

E. The initial role in the 802.1x profile

Correct Answer: D

QUESTION 19
Which of the following could be used to set a user's post-authentication role or VLAN association?
(Choose two)

A. AAA default role for authentication method

B. Server Derivation Rule

C. Vendor Specific Attributes

D. AP Derivation Rule

E. The Global AAA profile

Correct Answer: BC

QUESTION 20
Which describe "roles" as used on Aruba Mobility Controllers? (Choose two)

A. Roles are assigned to users.

B. Roles are applied to interfaces.

C. Policies are built from roles.

D. A user can belong to only one role at a time.

E. Roles are a set of authentication rules

Correct Answer: AD

QUESTION 21
Which netdestination aliases are built into the controller? (Choose three)

A. logon

B. any

C. user

D. guest

E. localip

Correct Answer: BCE

QUESTION 22
What are aliases used for?

A. Improve controller performance

B. Simplify the configuration process

C. Tie IP addresses to ports

D. Assign rules to policies

E. Assign policies to roles

Correct Answer: B

QUESTION 23
Which of the following firewall rules allows a user to initiate an ICMP session to other devices? (Choose two)

A. localip any svc-icmp permit

B. user any svc-icmp permit

C. user user svc-icmp permit

D. any any svc-icmp permit

E. mswitch any svc-icmp permit

Correct Answer: BD

QUESTION 24
The Aruba Policy Enforcement Firewall (PEF-NG) module supports destination network address translation (dst-nat).

Which is the default use of this statement in an Aruba controller configuration?

A. Source the IP addresses of users to specific IP address

B. Redirect HTTP sessions to Captive Portal

C. Redirect Access Points to another Aruba controller

D. Provide a telnet connection to the controller

E. Redirect a SSH session to terminate on the controller

Correct Answer: B

QUESTION 25
The Aruba Policy Enforcement Firewall (PEF) module supports source network address translation (src-nat).

Which is a use of this statement in an Aruba configuration?

A. Provide a single source IP address for users in a role
B. Redirect Captive Portal HTTP sessions
C. Redirect Access Points to another Aruba controller
D. Provide IP addresses to clients
E. Redirects clients to Aruba Firewall

Correct Answer: A

QUESTION 26
The network administrator wishes to terminate the VPN encryption on the Aruba controller.

When writing a firewall rule to accomplish the task of automatically moving the VPN traffic for the wireless clients from a third party VPN concentrator to an Aruba controller, which action needs to be configured in the rule?

A. redirect to IPSec Group
B. source NAT
C. destination NAT
D. redirect to tunnel
E. redirect to GRE

Correct Answer: C

QUESTION 27
Review the following truncated output from an Aruba controller for this item.

(example) #show rights logon

access-list List

Position Name   Location
-------- ----   --------
1   logon-control
2   captiveportal

logon-control

Priority Source Destination Service Action
-------- ------ ----------- ------- ------
1   user   any   udp 68   deny
2   any   any   svc-icmp permit
3   any   any   svc-dns   permit
4   any   any   svc-dhcp permit
5   any   any   svc-natt permit

captiveportal

Priority Source Destination Service   Action
-------- ------ ----------- -------   ------
1   user   controller   svc-https   dst-nat 8081
2   user   any   svc-http   dst-nat 8080
3   user   any   svc-https   dst-nat 8081
4   user   any   svc-http-proxy1 dst-nat 8088
5   user   any   svc-http-proxy2 dst-nat 8088
6   user   any   svc-http-proxy3 dst-nat 8088

Based on the above output from an Aruba controller, an unauthenticated user assigned to the logon role attempts to start an http session to IP address 172.16.43.170.

What will happen?

A. the user's traffic will be passed to the IP address because of the policy statement:
    user any svc-http dst-nat 8080
B. the user's traffic will be passed to the IP address because of the policy statement:
    user any svc-https dst-nat 8081
C. the user's traffic will be passed to the IP address because of the policy statement:
    user any svc-http-proxy1 dst-nat 8088
D. the user will not reach the IP address because of the policy statement:
    user any svc-http dst-nat 8080
E. the user will not reach the IP address because of the implicit deny any any at the end of the policy.

Correct Answer: D

QUESTION 28
Refer to the following configuration segment for this item.

ip access-list session anewone
user network 172.16.1.0 255.255.255.0 any permit
user host 172.16.1.1 any deny
user any any permit

An administrator wants users to have access to all destinations except 172.16.1.1. Based on the above
Aruba Mobility Controller configuration segment, which statements best describe this policy? (Choose two)

A. The rule user host 172.16.1.1 any deny is redundant because of the implicit deny all at the end.
B. The rule user network 172.16.1.0 255.255.255.0 any permit is redundant.
C. The two rules user network 172.16.1.0 255.255.255.0 any permit and user host 172.16.1.1 any deny
   need to be re-sequenced.
D. The last statement user any any permit is not required
E. The last statement should be any any any deny

Correct Answer: BC

QUESTION 29
Refer to the following configuration segment for this item.

netdestination "internal"
no invert
network 172.16.43.0 255.255.255.0 position 1
range 172.16.11.0 172.16.11.16 position 2
!
ip access-list session "My-Policy"
alias "user" alias "internal" service_any permit queue low !

A user frame is evaluated against this firewall policy with the following attributes:

Source IP: 172.17.49.3 Destination IP: 10.100.86.37 Destination Port: 80

Referring to the above file segment, how will the frame be handled by this firewall policy?

A. The frame will be dropped because of the implicit deny all at the end of the netdestination definition.
B. The frame will be dropped because of the implicit deny all at the end of the firewall policy.
C. The frame will be forwarded because of the implicit permit all at the end of the firewall policy.
D. The frame will be passed because there is no service specified in the firewall policy.
E. The frame will be dropped because there is no service specified in the firewall policy.

Correct Answer: B

QUESTION 30
ip access-list session anewone
     user network 10.1.1.0 255.255.255.0 any permit
     user any any permit
     host 10.1.1.1 host 10.2.2.2 any deny

A user sends a frame with the following attributes:

Source IP: 10.1.1.1 Destination IP: 10.2.2.2 Destination Port: 25

Based on the above Mobility Controller configuration file segment, what will this policy do with the user frame?

A. The frame is discarded because of the implicit deny all at the end of the policy.
B. The frame is discarded because of the statement:
    user host 10.1.1.1 host 10.2.2.2 deny.
C. The frame is accepted because of the statement:
    user any any permit.
D. The frame is accepted because of the statement:
    user network 10.1.1.0 255.255.255.0 any permit.
E. This is not a valid policy.

Correct Answer: C

QUESTION 31
ip access-list session anewone
  user network 10.1.1.0 255.255.255.0 any permit
  user host 10.1.1.1 any deny
  user any any permit

Referring to the above portion of a Mobility Controller configuration file, what can you conclude? (Choose two)

A. This is a session firewall policy.
B. This is an extended Access Control List (ACL).
C. Any traffic going to destination 10.1.1.1 will be denied.
D. Any traffic going to destination 10.2.2.2 will be denied.
E. Any traffic going to destination 172.16.100.100 will be permitted.

Correct Answer: AE

QUESTION 32
Which of these are NOT a client attribute that can be configured in user derivation rules?

A. MAC address
B. DHCP option value
C. BSSID
D. Filter ID
E. encryption

Correct Answer: D

QUESTION 33
What are the types of user derivation rules that can be applied to a user? (Choose two)

A. SSID
B. MAC
C. VLAN

D. Role

E. AP

Correct Answer: CD

QUESTION 34
Which is a Device Specific Attribute that can be evaluated in a user derivation rule?

A. user login name
B. authentication server
C. location by AP Name
D. controller Loopback address
E. controller IP

Correct Answer: C

QUESTION 35
Which match condition can be used by a server derivation rule? (Choose two)

A. greater than
B. less than
C. inverse of
D. contains
E. equals

Correct Answer: DE

QUESTION 36
An administrator wants to assign a VLAN to a user based upon the authentication process using Vendor Specific Attributes (VSA). Where are Aruba Vendor Specific Attribute (VSA) values provisioned?

A. controller
B. client
C. RADIUS server
D. Internal user database
E. Option 60 of DHCP reply

Correct Answer: C

QUESTION 37
View the Server group screen shot above.

Server Group > CorporateServers   Show Reference   Save As   Reset

Fail Through	☐

Servers

Name	Server-Type	trim-FQDN	Match-Rule	Actions			
RadiusNY1	Radius	No		Edit	Delete	▲	▼
RadiusMiami	Radius	No		Edit	Delete	▲	▼

New

Server Rules

Priority	Attribute	Operation	Operand	Type	Action	Value	Validated	Actions

New

A company has provisioned the same VAP, AAA and SSID profiles at both its Miami and NY offices. This Server Group is applied for 802.1x authentication at both locations. The user's credentials are only found in the Miami Radius server "RadiusMiami". There is no Radius synchronization and both servers are reachable. What happens when the user attempts to authenticate?

A. The controller recognizes the users Domain and sends the authentication request directly to RadiusMiami.

B. The request is initially sent to RadiusNY1 then RadiusNY1 redirects the controller to send the authentication request to RadiusMiami

C. RadiusNY1 receives the request and returns a deny. No other action is taken.

D. RadiusNY1 receives the request and returns a deny. The authentication request will then be sent to RadiusMiami.

E. The RadiusNY1 sends the request to RadiusMiami that replies to the controller

Correct Answer: C

QUESTION 38
View the Server group and User Roles screen shots above.

Server Group > SG-NY

Fail Through ☐

Servers

Name	Server-Type	trim-FQDN	Match-Rule	Actions
RadiusNY	Radius	No		Edit Delete ▲ ▼

New

Server Rules

Priority	Attribute	Operation	Operand	Type	Action	Value	Validated	Actions
1	Filter-Id	value-of		String	set role		Yes	Delete ▲ ▼

New

User Roles | S

Name
Emp
Employee
authenticated
cpbase
default-via-role
default-vpn-role
denyall
guest
guest-logon
logon
voice

A user associated to an SSID with 802.1x using this server group. RadiusNY returned a standard radius attribute of filter-Id with a value of "employee". The user was placed in the guest Role.
What statements below are correct? (Choose two)

A. The user was placed in the 802.1x authentication default Role guest
B. The user was placed in the initial Role guest
C. Role derivation failed because roles are case sensitive
D. Role derivation failed because the incorrect operation "value-of" was used
E. 802.1x authentication failed so the user was automatically placed in the guest Role

Correct Answer: AC

QUESTION 39
View the Server group and User Roles screen shots above.

Server Group > SG-NY

Fail Through	☐

Servers

Name	Server-Type	trim-FQDN	Match-Rule	Actions
RadiusNY	Radius	No		Edit Delete ▲ ▼

New

Server Rules

Priority	Attribute	Operation	Operand	Type	Action	Value	Validated	Actions
1	Filter-Id	value-of		String	set role		Yes	Delete ▲ ▼
2	Filter-Id	equals	employee	String	set role	Emp	Yes	Delete ▲ ▼

New

User Roles   S

Name
Emp
Employee
authenticated
cpbase
default-via-role
default-vpn-role
denyall
guest
guest-logon
logon
voice

A user associated to an SSID with 802.1x using this server group. RadiusNY returned a standard radius attribute of filter-Id with a value of "employee".
What Role will the user get?

A. The User will get the Emp Role
B. The User will get the 802.1x authentication default Role
C. The User will get the employee Role
D. The User will get the Employee Role
E. The User will get the initial Role

Correct Answer: B

QUESTION 40
Which profiles are required in an AP Group to enable an SSID with VLAN 1, WPA2 and LMSIP? (Choose three)

A. Virtual-AP profile
B. WLAN profile
C. 802.1x authentication profile
D. AP System Profile
E. SSID Profile

Correct Answer: ADE

QUESTION 41
A user connected to a Captive Portal VAP successfully. When the user opens their browser and tries to access their homepage, they get redirected as expected to another URL on the Aruba Controller. However, they see an error message that web authentication has been disabled. What might be a cause of this?

A. Captive Portal has not been assigned in the SSID profile.
B. The Captive portal profile has not been assigned to the AAA profile.
C. A server group has not been assigned to the captive portal profile.
D. An initial role has not been assigned to the AAA profile.
E. The Captive portal profile has not been assigned to the initial role.

Correct Answer: E

QUESTION 42
Which of the following will accept named VLANs as a parameter? (Choose three)

A. Virtual AP profile
B. User derivation rule for a single VLAN
C. Server derivation rule for a single VLAN
D. Server derivation rule for a VLAN Pool
E. Access VLAN for a VLAN Pool

Correct Answer: ABC

QUESTION 43
A customer has a remote AP deployment, where each remote AP has an IPSEC VPN tunnel with L2TP to the controller. 1 of the remote APs is stuck in the user table and hasn't yet transitioned to the AP active table in the controller. The customer suspects that the AP is not setting up its VPN connection successfully. Which of the following commands might be useful in troubleshooting this? (Choose three)

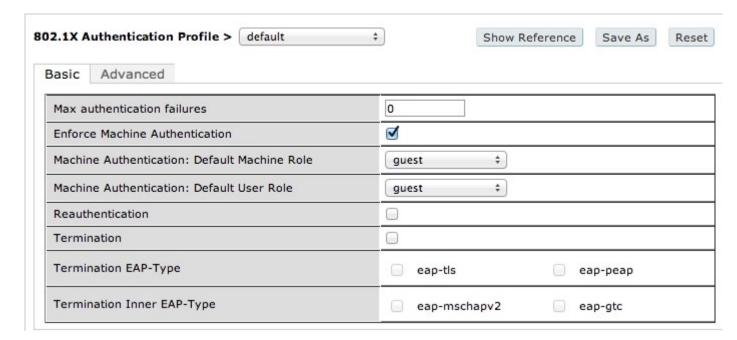A. Logging level debugging security process localdb
B. Logging level debugging security process l2tp
C. Logging level debugging security process dot1x
D. Logging level debugging security process crypto
E. Logging level debugging security process vpn

Correct Answer: ABD

QUESTION 44
The screen captures below show the 802.1X authentication profile and AAA profile settings for a VAP.

AAA Profile > default

Show Reference   Save As   Reset

Initial role	logon
MAC Authentication Default Role	guest
802.1X Authentication Default Role	employee
L2 Authentication Fail Through	☐
User idle timeout	☐ Enable seconds
RADIUS Interim Accounting	☐
User derivation rules	--NONE--
Wired to Wireless Roaming	☑
SIP authentication role	--NONE--
Device Type Classification	☑
Enforce DHCP	☐

802.1X Authentication Profile > default

Show Reference   Save As   Reset

Basic   Advanced

Max authentication failures	0
Enforce Machine Authentication	☑
Machine Authentication: Default Machine Role	guest
Machine Authentication: Default User Role	guest
Reauthentication	☐
Termination	☐
Termination EAP-Type	☐ eap-tls ☐ eap-peap
Termination Inner EAP-Type	☐ eap-mschapv2 ☐ eap-gtc

If machine authentication fails and user authentication passes, which role will be assigned?

A. employee
B. guest
C. contractor
D. logon
E. no role is assigned

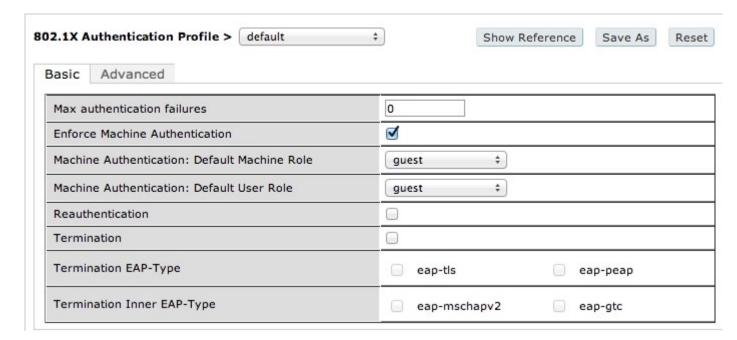**Correct Answer:** B

QUESTION 45
The screen captures above show the 802.1X authentication profile and AAA profile settings for a VAP.

AAA Profile > default

[Show Reference] [Save As] [Reset]

Initial role	logon
MAC Authentication Default Role	guest
802.1X Authentication Default Role	employee
L2 Authentication Fail Through	☐
User idle timeout	☐ Enable / seconds
RADIUS Interim Accounting	☐
User derivation rules	--NONE--
Wired to Wireless Roaming	☑
SIP authentication role	--NONE--
Device Type Classification	☑
Enforce DHCP	☐

802.1X Authentication Profile > default

[Show Reference] [Save As] [Reset]

Basic **Advanced**

Max authentication failures	0
Enforce Machine Authentication	☑
Machine Authentication: Default Machine Role	guest
Machine Authentication: Default User Role	guest
Reauthentication	☐
Termination	☐
Termination EAP-Type	☐ eap-tls ☐ eap-peap
Termination Inner EAP-Type	☐ eap-mschapv2 ☐ eap-gtc

If machine authentication passes and user authentication fails, which role will be assigned?

A. employee
B. guest
C. contractor
D. logon
E. no role is assigned

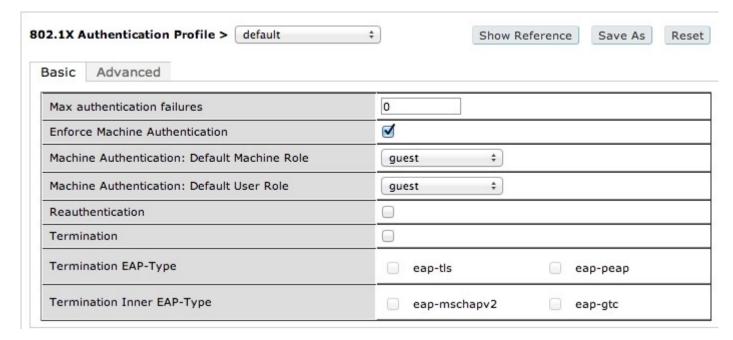**Correct Answer:** B

QUESTION 46
The screen captures above show the 802.1X authentication profile and AAA profile settings for a VAP.

AAA Profile > default

Initial role	logon
MAC Authentication Default Role	guest
802.1X Authentication Default Role	employee
L2 Authentication Fail Through	☐
User idle timeout	☐ Enable / seconds [ ]
RADIUS Interim Accounting	☐
User derivation rules	--NONE--
Wired to Wireless Roaming	☑
SIP authentication role	--NONE--
Device Type Classification	☑
Enforce DHCP	☐

802.1X Authentication Profile > default

Basic Advanced

Max authentication failures	0
Enforce Machine Authentication	☑
Machine Authentication: Default Machine Role	guest
Machine Authentication: Default User Role	guest
Reauthentication	☐
Termination	☐
Termination EAP-Type	☐ eap-tls ☐ eap-peap
Termination Inner EAP-Type	☐ eap-mschapv2 ☐ eap-gtc

If machine authentication fails and user authentication fails, which role will be assigned?

A. Employee
B. Guest
C. Captive Portal
D. Logon
E. No role will be assigned

Correct Answer: E

QUESTION 47
What can NOT be configured from the Aruba controller configuration wizards?

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