



642-747^{Q&As}

Implementing Cisco Unified Wireless Mobility Services

Pass Cisco 642-747 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.lead4pass.com/642-747.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





QUESTION 1

Which option describes Cisco support of Distributed Antenna Systems?

- A. requires DAS integration vendor
- B. requires disabled Cisco WLC RRM service
- C. requires Cisco WCS antenna gain adjustment
- D. requires disabled CleanAir services
- E. requires disabled ClientLink services

Correct Answer: A

QUESTION 2

What is the correct usage of a wildcard or wildcards for configuration of MAC filtering when using the Cisco 3300 Series MSE with Cisco WCS v7.0?

- A. aa:11:bb:22::
- B. aa:11:bb:22*
- C. aa:11:bb:22:*
- D. aa:11:bb:22**

Correct Answer: C

QUESTION 3

What are the recommended RFID timeout configuration values for Cisco WLC v7.0 to ensure that tags are detected?

- A. minimum of two times and maximum of four times the shortest tag interval that is found in the RFID population
- B. minimum of two times and maximum of four times the longest tag interval that is found in the RFID population
- C. minimum of three times and maximum of eight times the shortest tag interval that is found in the RFID population
- D. minimum of three times and maximum of eight times the longest tag interval that is found in the RFID population
- E. minimum of 6 times and maximum of 12 times the shortest tag interval that is found in the RFID population
- F. minimum of 6 times and maximum of 12 times the longest tag interval that is found in the RFID population

Correct Answer: D



QUESTION 4

Which option should be the RSSI (dBm) level for a site survey for location services only?

- A. -65
- B. -67
- C. -72
- D. -75
- E. -80

Correct Answer: C

QUESTION 5

A MAP currently has an AWPP parent route value of 100. What is the minimum value that is required for the MAP to change the preferred parent?

- A. 75
- B. 90
- C. 110
- D. 125

Correct Answer: D

QUESTION 6

Which view does Cisco WCS v7.0 have of a connected Cisco WGB?

- A. as a regular wireless client
- B. not viewed directly; only the connected clients behind the Cisco WGB
- C. as an autonomous AP
- D. as a Cisco WGB client and connected clients behind the Cisco WGB
- E. only as a Cisco WGB client with no connected clients

Correct Answer: D

QUESTION 7

Which option should be the RSSI (dBm) cell edge for a site survey for a wireless network of data, voice, and location services?



- A. -65
- B. -67
- C. -72
- D. -75
- E. -80

Correct Answer: B

QUESTION 8

Which two are supported operating systems for installation of Cisco WCS v7.0? (Choose two.)

- A. Windows Server 2003 - 32 bit
- B. Windows Server 2003 - 64 bit
- C. Windows Server 2008 - 32 bit
- D. Windows Server 2008 - 64 bit
- E. Windows 7 Professional or above - 32 bit
- F. Windows 7 Professional or above - 64 bit
- G. Red Hat Linux Enterprise Server 5.X - 32 bit
- H. Red Hat Linux Enterprise Server 5.X - 64 bit

Correct Answer: AG

QUESTION 9

GPS systems are an example of which location tracking?

- A. AoA
- B. RSS lateration
- C. TDoA
- D. ToA

Correct Answer: D

QUESTION 10

Which three options describe ways in which the Cisco Compatible Extensions S36 message is used in Cisco WLC



v7.0? (Choose three.)

- A. for WGB location
- B. by Cisco WCS for calibration
- C. for location tracking of wireless tags
- D. only on 802.11b/g/n
- E. on 802.11a/b/g/n
- F. by Cisco Compatible Extensions v4 and above
- G. by Cisco Compatible Extensions v2 and above

Correct Answer: BEG

QUESTION 11

Which problem develops when antennas are located too close to or too high from the device that is being tracked for location services?

- A. There is an inconsistent rate of RSSI change per unit of distance.
- B. There is an inconsistent rate of SNR change per unit of distance.
- C. SNR becomes too great.
- D. PER becomes too great.
- E. RSSI becomes too low.

Correct Answer: A

QUESTION 12

A wireless client is having difficulty associating. What is the most likely cause, given the output of the following debug?

```
DOT1X-1-MAX_EAPOL_KEY_RETRANS_FOR_MOBILE: MAX EAPOL-Key M1 retransmissions reached for mobile  
xx:xx:xx:xx:xx
```

- A. Cisco WLC is not requesting authentication.
- B. Cisco WLC has no RADIUS entry to direct authentication.
- C. Cisco WLC is timing out waiting for authentication.
- D. The Cisco WLC authentication type is incompatible with the client.

Correct Answer: C



QUESTION 13

An engineer discovers four templates from a production controller, then redeploys those templates to twelve other controllers. On two of those controllers, the template application is failing. What is the cause of the failure?

- A. The applied controllers code versions do not match that of the controller used to discover the templates.
- B. The templates are duplicates of existing templates on the controllers.
- C. Templates can only be deployed to ten controllers at a time.
- D. The two failing controllers were manually configured previously and must have templates discovered before applying new templates.

Correct Answer: B

QUESTION 14

What is the recommended procedure for changing the BGN in a mesh network that is running version 7.0 while maintaining connectivity to relevant APs?

- A. Start with the most distant AP and work toward the RAP, configuring the RAP last.
- B. Configure the RAP first, and then work from the most distant AP toward the RAP.
- C. Configure groups of APs that have formed parent/child/neighbor relationships as groups within the mesh, and then configure the RAP.
- D. Configure secondary BGN throughout the mesh network, and then delete the original BGN.

Correct Answer: A

QUESTION 15

Which two licenses are needed to enable ELM scanning and CleanAir RF interferer detection services for the Cisco 3300 Series MSE v7.0? (Choose two.)

- A. context-ware for ELM
- B. wIPS for ELM
- C. Cisco tag license for ELM
- D. partner tag license for ELM
- E. context-aware for CleanAir
- F. wIPS for CleanAir
- G. Cisco tag license for CleanAir

Correct Answer: BE



QUESTION 16

In which two locations can you find a new Cisco 3300 Series MSE v7.0 code that is used for MSE verification and installation? (Choose two.)

- A. Cisco MSE /opt/backup
- B. Cisco MSE /opt/installers
- C. Cisco MSE /opt/download
- D. Cisco WCS location of TFTP folder
- E. Cisco WCS location of FTP folder

Correct Answer: BE

QUESTION 17

Which two statements correctly describe the installation of Cisco WCS v7.0? (Choose two.)

- A. Only the TFTP folder location is required.
- B. Only the FTP folder location is required.
- C. Both TFTP and FTP folders are required and must be in unique separate locations.
- D. Both TFTP and FTP folders are required and can share the location.
- E. The storage folder location is required to be located in the Cisco WCS program folder for proper operation.
- F. The storage folder location should not be located in the Cisco WCS program folder.

Correct Answer: DF

QUESTION 18

A MSE is sometimes showing a tag on the wrong floor of a multifloor warehouse. What technology would improve location performance?

- A. Chokepoint transmitters
- B. Spectrum Intelligence
- C. Adaptive WIPS
- D. Additional MSE

Correct Answer: A



QUESTION 19

Which two options describe the ability to schedule AP power status? (Choose two.)

- A. switch management configuration of respective switch port PoE status connected to AP
- B. Cisco WLC v7.0 configuration for time of day for combined AP radio status
- C. Cisco WLC v7.0 configuration for time of day for individual AP radio status
- D. Cisco WCS v7.0 configuration for time of day for combined AP radio status
- E. Cisco WCS v7.0 configuration for time of day for individual AP radio status

Correct Answer: AD

QUESTION 20

Context-aware usage has been deployed on a Cisco MSE 3310 that is licensed to maximum capacity. Approximately 900 wireless clients are currently being tracked. New services need to be added for 500 RFID tags based on RSSI and 500 RF interferers tracked via CleanAir. What should be changed regarding the Cisco 3300 Series MSE v7.0?

- A. Add a second Cisco MSE 3310 with a license for RFID tags, and then add a license for CleanAir to either the original or new Cisco MSE.
- B. Replace Cisco MSE 3310 with MSE 3355 with a license for CleanAir and tags, and then move the license from Cisco MSE 3310 to MSE 3355 for context-aware.
- C. Add a CleanAir and RFID tag license to Cisco MSE 3310.
- D. Add only an RFID tag license to Cisco MSE 3310.
- E. Add only a CleanAir license to Cisco MSE 3310.
- F. Increase only the context-aware license.
- G. No license is required.

Correct Answer: G

QUESTION 21

Which changes in context-aware location services using the Cisco 3300 Series MSE v7.0 have the greatest impact to reduce the database size?

- A. restricting to a single location device type
- B. restricting the number of devices that are being tracked
- C. restricting the history archive
- D. scheduled database cleanup



E. scheduled backup

Correct Answer: C

QUESTION 22

Which two parameters can be indicated in the Cisco WCS v7.0 link color status between two mesh access points? (Choose two.)

- A. RSSI
- B. PER
- C. SNR
- D. hello keepalive packet status
- E. packet error status

Correct Answer: BC

QUESTION 23

What are two limitations of using a Mesh AP as a workgroup bridge? (Choose two.)

- A. There is a limit of 20 wired client devices.
- B. Multiple VLANs are not supported for wireless clients.
- C. A limited subset of Layer 2 security types are supported for wireless clients of a WGB.
- D. Only factory configured Mesh APs can support WGB mode.
- E. Mesh APs configured in WGB mode do not answer S36 radio measurement requests.

Correct Answer: AB

QUESTION 24

What is the recommended limit of outdoor MAPs to one RAP?

- A. 4
- B. 8
- C. 15
- D. 20
- E. 32



Correct Answer: D

QUESTION 25

Which method is used by Cisco WLC v7.0 for the autoinstall process?

- A. CAPWAP discovery broadcast
- B. IP address stored in NVRAM
- C. DNS "cisco-capwap-controller"
- D. DHCP option 150
- E. DHCP option 43
- F. DHCP option 60

Correct Answer: D

QUESTION 26

What is the maximum capacity of Cisco WCS Navigator when implemented with a Cisco Unified Wireless Network that is running version 7.0?

- A. 10 Cisco WCS servers with 20,000 APs
- B. 20 Cisco WCS servers with 20,000 APs
- C. 20 Cisco WCS servers with 30,000 APs
- D. 30 Cisco WCS servers with 30,000 APs

Correct Answer: C

QUESTION 27

Which location-tracking solution requires clock synchronization on receivers only?

- A. cell of origin
- B. modified cell of origin
- C. AoA
- D. ToD
- E. TDoA
- F. RSS trilateration



Correct Answer: E

QUESTION 28

A WLAN was installed at a high AP density. DTPC is lowering the transmit power of many APs too low. What change in DTPC transmit power threshold must be made to allow APs to globally increase AP transmit power by 3dBm?

- A. from -70dBm to -67dBm
- B. from -70dBm to -73dBm
- C. from 70dBm to 67dBm
- D. from 70dBm to 73dBm

Correct Answer: A

QUESTION 29

Which two statements describe the difference between a Cisco WGB and a universal WGB in a wireless network? (Choose two.)

- A. Universal WGB associates with its own MAC address on behalf of its wired clients.
- B. Cisco WGB associates with its own MAC address on behalf of its wired clients.
- C. Universal WGB associates using one of the wired client MAC addresses.
- D. Cisco WGB associates using one of the wired client MAC addresses.

Correct Answer: BC

QUESTION 30

What is the maximum number of APs that are supported in a mobility group using Cisco WLC 2500?

- A. 24
- B. 72
- C. 1200
- D. 2400
- E. 3600

Correct Answer: C



To Read the [Whole Q&As](#), please purchase the [Complete Version](#) from [Our website](#).

Try our product !

100% Guaranteed Success
100% Money Back Guarantee
365 Days Free Update
Instant Download After Purchase
24x7 Customer Support
Average 99.9% Success Rate
More than 800,000 Satisfied Customers Worldwide
Multi-Platform capabilities - [Windows](#), [Mac](#), [Android](#), [iPhone](#), [iPod](#), [iPad](#), [Kindle](#)

We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications. You can view Vendor list of All Certification Exams offered:

<https://www.lead4pass.com/allproducts>

Need Help

Please provide as much detail as possible so we can best assist you.
To update a previously submitted ticket:



 <p>One Year Free Update Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.</p>	 <p>Money Back Guarantee To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.</p>	 <p>Security & Privacy We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information & peace of mind.</p>
---	---	--

Any charges made through this site will appear as Global Simulators Limited.
All trademarks are the property of their respective owners.
Copyright © lead4pass, All Rights Reserved.