



## [Cisco 642-845](#)

**Exam Name:** *Optimizing Converged Cisco Networks*

**Q & A :** 176 Q&As

***Pdf Demo***

### **Quality and Value for the 642-845 Exam**

[Just4Exams Practice Exams](#) for Cisco CCNP 642-845 are written to the highest standards of technical accuracy, using only certified subject matter experts and published authors for development.

### **100% Guarantee to Pass Your 642-845 Exam**

If you do not pass the CCNP 642-845 exam on your first attempt using our Just4Exams **642-845 testing engine and pdf study guide**, we will give you a FULL REFUND of your purchasing fee.

### **Downloadable, Interactive 642-845 Testing engines and PDF Version**

Our Exam Preparation Material provides you everything you will need to take a [CCNP certification](#) examination. Details are researched and produced by [Cisco Certification](#) Experts who are constantly using industry experience to produce precise, and logical.

#### **Free 642-845 Exams:**

***This is demo only, this pdf do not include the questions and answers picture***

Exam : Cisco 642-845

Title : Optimizing Converged Cisco Networks

1. Which two statements are true about the function of CAC? (Choose two.)

- A. CAC provides guaranteed voice quality on a link.
- B. CAC artificially limits the number of concurrent voice calls.
- C. CAC is used to control the amount of bandwidth that is taken by a call on a link.
- D. CAC prevents oversubscription of WAN resources that is caused by too much voice traffic.
- E. CAC allows an unlimited number of voice calls while severely restricting, if necessary, other forms of traffic.
- F. CAC solves voice congestion problems by using QoS to give priority to UDP traffic.

Answer: BD

2. What are the steps for configuring stateful NBAR for dynamic protocols?

- A. Use the command `ip nbar protocol-discovery` to allow identification of stateful protocols. Use the command `ip nbar port-map` to attach the protocols to an interface.
- B. Use the command `match protocol rtp` to allow identification of real-time audio and video traffic. Use the command `ip nbar port-map` to extend the NBAR functionality for well-known protocols to new port numbers.
- C. Use the command `match protocol` to allow identification of stateful protocols. Use the command `ip nbar port-map` to attach the protocols to an interface.
- D. Configure a traffic class. Configure a traffic policy. Attach the traffic policy to an interface.
- E. Configure video streaming. Configure audio streaming. Attach the codec to an interface.

Answer: D

3. Which two statements are true about the implementation of QoS? (Choose two.)

- A. Implementing DiffServ involves the configuration of RSVP.
- B. Implementing IntServ allows QoS to be performed by configuring only the ingress and egress devices.
- C. Implementing IntServ involves the utilization of RSVP.
- D. Traffic should be classified and marked by the core network devices.
- E. Traffic should be classified and marked as close to the edge of the network as possible.

Answer: CE

4. Which codec standard would provide the highest voice-quality, mean opinion score (MOS)?

- A. G.711, PCM
- B. G.728, LDCELP
- C. G.729, CS-ACELP
- D. G.729A, CS-ACELP

Answer: A

5. Which two Cisco AutoQoS interface statements are true? (Choose two.)

- A. AutoQoS is supported on Frame Relay multipoint subinterfaces.
- B. AutoQoS is supported on low-speed ATM PVCs in point-to-point subinterfaces.
- C. AutoQoS is supported on serial PPP and HDLC interfaces.
- D. AutoQoS is supported only on Frame Relay main interfaces and not on any subinterface configuration.

Answer: BC

6. Which two QoS statements are true about the use of the SDM QoS wizard? (Choose two.)

- A. Business-critical traffic includes VoIP and voice signaling packets.
- B. SDM can be used to configure a basic QoS policy for incoming traffic on WAN interfaces and IPsec tunnels.
- C. SDM can provide QoS for real-time traffic and business-critical traffic.
- D. SDM creates a custom-queuing (CQ) or a priority-queuing (PQ) policy.
- E. SDM creates a low latency queuing (LLQ) service policy with its associated classes.
- F. When allocating bandwidth, values can be entered in either bandwidth percentage or kilobytes per second (kBps).

Answer: CE

7. Voice activity detection (VAD) suppresses the transmission of silence patterns. On average, and assuming that a link carries at least 24 calls, what percentage of total bandwidth could VAD save?

- A. 5
- B. 15
- C. 25
- D. 35
- E. 45
- F. 55

Answer: D

8. Which three configuration tasks are required to successfully deploy NBAR to recognize TCP and UDP stateful protocols? (Choose three.)

- A. Over leased lines, use the `multilink ppp` command to reduce latency and jitter, and to create Distributed Link Fragmentation and interleaving.
- B. Use the `service-policy` command to attach a traffic flow to an interface on the router.
- C. Use the `ip rsvp bandwidth` command to set a strict upper limit on the bandwidth NBAR uses, and to guarantee admission of any flows.
- D. Use the `policy-map` command to define one or more QoS policies (such as shaping, policing, and so on) to apply to traffic defined by a class map.
- E. Use the `random-detect dscp` command to modify the default minimum and maximum thresholds for the DSCP value.

F. Use the class-map command to define one or more traffic classes by specifying the criteria by which traffic is classified.

Answer: BDF

9. Which two wireless security statements are true? (Choose two.)

- A. A TACACS+ server is required to implement 802.1x.
- B. MIC protects against man-in-the-middle and replay attacks.
- C. The 802.1x standard provides encryption services for wireless clients.
- D. The AES (symmetric block cipher) is specified in the IEEE 802.11i specification.
- E. The IEEE 802.11i specification uses RC4 as its encryption mechanism.
- F. WPA requires TKIP and AES as encryption methods.

Answer: BD

10. Which two statements regarding the Wireless LAN Solution Engine (WLSE) are true? (Choose two.)

- A. To support fault and policy reporting, the WLSE requires a Wireless Control System (WCS).
- B. When WLSE detects an AP failure, it automatically increases the power and cell coverage of nearby APs.
- C. WLSE requires the 2700 location appliance to offer location tracking.
- D. WLSE can locate rogue APs and automatically shut them down.
- E. WLSE configuration is done using the command line interface (CLI) or a WEB based template.

Answer: BD

More [642-845 Braindumps](#) Information

#### **Related 642-845 Exams**

642-892	642-901	642-825	642-812	642-845
642-801	642-811	642-891	642-746	642-821
642-831	642-902	642-813	642-832	

#### **Other Cisco Exams**

642-971	650-251	642-311	642-241	642-144
350-022	646-096	642-381	642-055	350-
				001GB2312-
				LAB
350-021	642-564	646-204	642-321	642-551
642-356	642-143	642-067	642-587	642-541