



# 642-887<sup>Q&As</sup>

Implementing Cisco Service Provider Next-Generation Core Network Services

**Pass Cisco 642-887 Exam with 100% Guarantee**

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

<https://www.geekcert.com/642-887.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 configuration set enables outbound label filtering so that only peer 192.168.10.1 receives label advertisements in an MPLS environment?

- A. 

```
mpls ldp
  label
    accept
    for pfx_acl from 192.168.10.1

  ipv4 access-list pfx_acl
    10 permit ip host 10.0.0.0 any
  ipv4 access-list peer_acl
    10 permit ip host 192.168.10.1 any
```
- B. 

```
mpls ldp
  label
    accept
    for peer_acl from 192.168.10.1

  ipv4 access-list pfx_acl
    10 permit ip any host 10.0.0.0
  ipv4 access-list peer_acl
    10 permit ip host 192.168.10.1 any
```
- C. 

```
mpls ldp
  label
    advertise
    for pfx_acl to peer_acl
    interface TenGigabitEthernet3/1

  ipv4 access-list pfx_acl
    10 permit ip host 10.0.0.0 any
  ipv4 access-list peer_acl
    10 permit ip host 192.168.10.1 any
```
- D. 

```
mpls ldp
  label
    advertise
    disable
    for pfx_acl to peer_acl
    interface TenGigabitEthernet3/1

  ipv4 access-list pfx_acl
    10 permit ip host 10.0.0.0 any
  ipv4 access-list peer_acl
    10 permit ip host 192.168.10.1 any
```

A. B. C. D.

A. Option A



- B. Option B
- C. Option C
- D. Option D

Correct Answer: C

### QUESTION 2

When configuring LLQ (strict priority queue) on a traffic class using the Cisco IOS XR priority command on a Cisco ASR9K router, which additional QoS command is required for this traffic class?

- A. shape
- B. police
- C. random-detect
- D. bandwidth

Correct Answer: B

The Low Latency Queueing feature brings strict priority queueing to Class-Based Weighted Fair Queueing (CBWFQ).

### QUESTION 3

Refer to the exhibit.

```
ip explicit-path name LSP1 enable
  next-address 10.1.1.1

interface Tunnel100
  ip unnumbered Loopback0
  tunnel destination 192.168.1.2
  tunnel mode mpls traffic-eng
  tunnel mpls traffic-eng bandwidth 65000
  tunnel mpls traffic-eng path-option 1 explicit name
```



Which result occurs from this configuration?

- A. The tunnel comes up because of the explicit path configuration and disregards all CSPF calculations
- B. If the explicit path becomes unavailable, the tunnel falls back to dynamic routing paths
- C. If the explicit path becomes unavailable, the tunnel fails
- D. The traffic through the tunnel is limited to 65,000 Kbps of bandwidth

Correct Answer: B



#### QUESTION 4

Refer to the exhibit.

```
policy-map wred
  class wred
    bandwidth 10000
    random-detect precedence 0 30
```



This WRED policy configuration is implemented on an IOS XR router. What is the measurement of the numbers in the random-detect precedence command?

- A. bytes
- B. number of packets
- C. kilobytes
- D. milliseconds

Correct Answer: B

#### QUESTION 5

Which three statements are correct regarding ping mpls command operations? (Choose three.)

- A. MPLS OAM has to be enabled on the router using the mpls oam command.
- B. They use a 127/8 address as the destination address in the MPLS echo request packet.
- C. They use ICMP echo request and ICMP echo reply packets.
- D. They are used to test for a broken LSP.
- E. If there is a broken LSP, instead of using label switching, the packet can still be forwarded based on the destination IP address in the mpls ping echo request packet.

Correct Answer: ABD

How MPLS Ping works?

MPLS Ping doesn't rely on ICMP echo messages. Instead it uses UDP protocol with both source and destination port as 3503 and relies on MPLS Echo request and MPLS Echo reply.

When MPLS ping is triggered from any MPLS router, it will generate UDP segment with source/destination port as 3503. The source address will be selected as usual while the destination address will be 127.0.0.1. The IP TTL will be set to 1.

Below is a sample IP format when MPLS Ping is originated from R5 to 150.1.6.6/32,



```

0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+
|Version|  IHL  |Type of Service|                Total Length  |
+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+
|          Identification          |Flags|      Fragment Offset  |
+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+
|  TTL=1   |   Protocol=UDP   |                Header Checksum  |
+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+
|                                     150.1.5.5  |
+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+
|                                     127.0.0.1  |
+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+
|                                     Options      |      Padding  |
+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+

```

Now the originating LSR will look into the LFIB and populate the label header with respective labels to reach the FEC, in our case 150.1.6.6/32. R4 on receiving the MPLS packet will be able to send to the actual destination only if the LSP is end to end. If the LSP is broken between R4 and R6, R4 will look into the destination IP address which will be 127.0.0.1 and won't be able to perform IP forwarding. As per RFC 1812, a router should not forward any packet that has destination address of 127.0.0.0/8

[642-887 VCE Dumps](#)

[642-887 Study Guide](#)

[642-887 Exam Questions](#)



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

## Try our product !

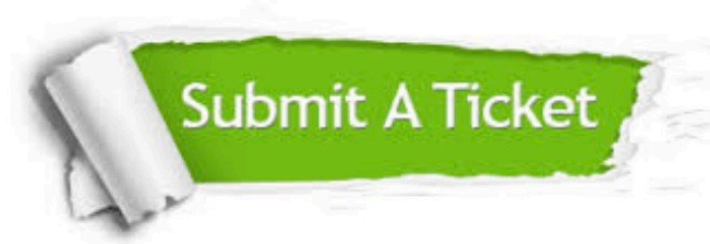
- 100% Guaranteed Success
- 100% Money Back Guarantee
- 365 Days Free Update
- Instant Download After Purchase
- 24x7 Customer Support
- Average 99.9% Success Rate
- More than 800,000 Satisfied Customers Worldwide
- Multi-Platform capabilities - [Windows](#), [Mac](#), [Android](#), [iPhone](#), [iPod](#),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

## Need Help

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



 <b>One Year Free Update</b> <p>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>	 <b>Money Back Guarantee</b> <p>To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.</p>	 <b>Security &amp; Privacy</b> <p>We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information &amp; 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 © geekcert, All Rights Reserved.