



642-885^{Q&As}

Deploying Cisco Service Provider Advanced Routing

Pass Cisco 642-885 Exam with 100% Guarantee

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

<https://www.geekcert.com/642-885.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

Refer to the Cisco IOS-XR show output exhibit.

```
RP/0/RSP0/CPU0:P1#show bgp neighbors 10.1.1.1 configuration
Wed Oct 26 17:45:09.690 UTC
neighbor 10.1.1.1
  remote-as 64500
  update-source Loopback0 [ ]
  address-family IPv4 Unicast [ ]
```

Which statement is correct?

- A. The [] indicates the configuration has a problem
- B. The [] indicates the 10.1.1.1 neighbor peering session has not been established
- C. The [] indicates the configuration was not inherited from a group
- D. The [] indicates the configuration has not been committed
- E. The [] indicates the corresponding BGP peer configuration has a mismatch configuration

Correct Answer: C

show bgp neighbors configuration Use the show bgp neighbors command to display information about the BGP configuration for neighbors. Use the configuration option to display the effective configuration for the neighbor, including any settings that have been inherited from session groups, neighbor groups, or af-groups used by this neighbor. Use the inheritance option to display the session groups, neighbor groups, and af-groups from which this neighbor inherits configuration settings. The following example displays sample output from the show bgp af-group command using the configuration keyword. This example shows where each configuration item was inherited from. The default-originate command was configured directly on this address family group (indicated by []). The remove-private-as command was inherited from address family group GROUP_2, which in turn inherited from address family group GROUP_3:



```
RP/0/0/CPU0:router# show bgp af-group GROUP_1 configuration
```

```
af-group GROUP_1 address-family ipv4 unicast
  capability orf prefix-list both [a:GROUP_2]
  default-originate []
  maximum-prefix 2500 75 warning-only []
  policy POLICY_1 in [a:GROUP_2 a:GROUP_3]
  remove-private-AS [a:GROUP_2 a:GROUP_3]
  send-community-ebgp [a:GROUP_2]
  send-extended-community-ebgp [a:GROUP_2]
```



QUESTION 2

Which mechanism is used by an IPv6 multicast receiver to join an IPv6 multicast group?

- A. IGMP report
- B. IGMP join
- C. MLD report
- D. General query
- E. PIM join

Correct Answer: C

MLD Reports The processing of MLDv1 join messages is essentially the same as with IGMPv2. When no IPv6 multicast routers are detected in a VLAN, reports are not processed or forwarded from the switch. When IPv6 multicast routers are detected and an MLDv1 report is received, an IPv6 multicast group address and an IPv6 multicast MAC address are entered in the VLAN MLD database. Then all IPv6 multicast traffic to the group within the VLAN is forwarded using this address. When MLD snooping is disabled, reports are flooded in the ingress VLAN. When MLD snooping is enabled, MLD report suppression, called listener message suppression, is automatically enabled. With report suppression, the switch forwards the first MLDv1 report received by a group to IPv6 multicast routers; subsequent reports for the group are not sent to the routers. When MLD snooping is disabled, report suppression is disabled, and all MLDv1 reports are flooded to the ingress VLAN. The switch also supports MLDv1 proxy reporting. When an MLDv1 MASQ is received, the switch responds with MLDv1 reports for the address on which the query arrived if the group exists in the switch on another port and if the port on which the query arrived is not the last member port for the address.

QUESTION 3



A junior network engineer has just configured a new IBGP peering between two Cisco ASR9K PE routers in the network using the loopback interface of the router, but the IBGP neighborhood is not able to be established. Which two verification steps will be helpful in troubleshooting this problem? (Choose two.)

- A. Verify that the network command under router BGP is configured correct on each router for announcing the router's loopback interface in BGP
- B. Verify that the ibgp-multihop command under the BGP neighbor is configured correctly on each router
- C. Verify that the loopback interfaces are reachable over the IGP
- D. Verify that the update-source loopback command under the BGP neighbor is configured correctly on each router
- E. Verify that the ttl-security command under the BGP neighbor is configured correctly on each router to enable the router to send the BGP packets using a proper TTL value
- F. Verify that the UDP port 179 traffic is not being blocked by an ACL or firewall between the two IBGP peers

Correct Answer: CD

QUESTION 4

Select and Place:

Drag the IPv6 tunneling mechanisms on the left to match the correct manual or automatic tunneling category on the right.

IPv6-in-IPv4	Manually configured tunnel
6to4	Target
6RD	Target
GRE	Automatic tunnel
	Target
	Target

Correct Answer:

Drag the IPv6 tunneling mechanisms on the left to match the correct manual or automatic tunneling category on the right.

	Manually configured tunnel
	IPv6-in-IPv4
	GRE
	Automatic tunnel
	6RD
	6to4



QUESTION 5

When a BGP route reflector receives an IBGP update from a non-client IBGP peer, the route reflector will then forward the IBGP updates to which other router(s)?

- A. To the other clients only
- B. To the EBGP peers only
- C. To the EBGP peers and other clients only
- D. To the EBGP peers and other clients and non-clients

Correct Answer: C

[Latest 642-885 Dumps](#)

[642-885 PDF Dumps](#)

[642-885 VCE Dumps](#)



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:



 <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 © geekcert, All Rights Reserved.