



642-661^{Q&As}

CCIP Configuring BGP on Cisco Routers (BGP)

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QUESTION 1

The purpose of the bgp always-compare-med command is to compare the MED _____.

- A. Even if the routes originate in different ASs.
- B. Even if the routes originate from the same AS.
- C. Even if the routes have different AS-Path length.
- D. Last, after all other path attributes are compared.

Correct Answer: A

QUESTION 2

What is a key benefit of BGP dynamic update peer groups?

- A. Newly configured BGP neighbors have peer group template configurations dynamically applied.
- B. Dynamic update groups use BGP neighbor information to automatically calculate route reflector cluster configurations.
- C. Routing updates to the same destination are grouped to increase BGP efficiency.
- D. Neighbors in a peer group are no longer required to share the same outbound routing policies.
- E. BGP configurations are automatically optimized by routers which dynamically create BGP peer groups.

Correct Answer: D

QUESTION 3

Which of the following errors is the most common when configuring BGP routers within a transit AS?

- A. using BGP next-hop-self on the edge routers
- B. BGP to IGP redistribution errors
- C. IGP to BGP redistribution errors
- D. BGP synchronization enabled

Correct Answer: D

QUESTION 4

Lab



WGR1 and WGR2 are not able to establish BGP neighbor relationship between them. Use various show commands on the WGR1 router to troubleshoot the problem then use the proper configuration command(s) on the WGR1 to solve the problem.

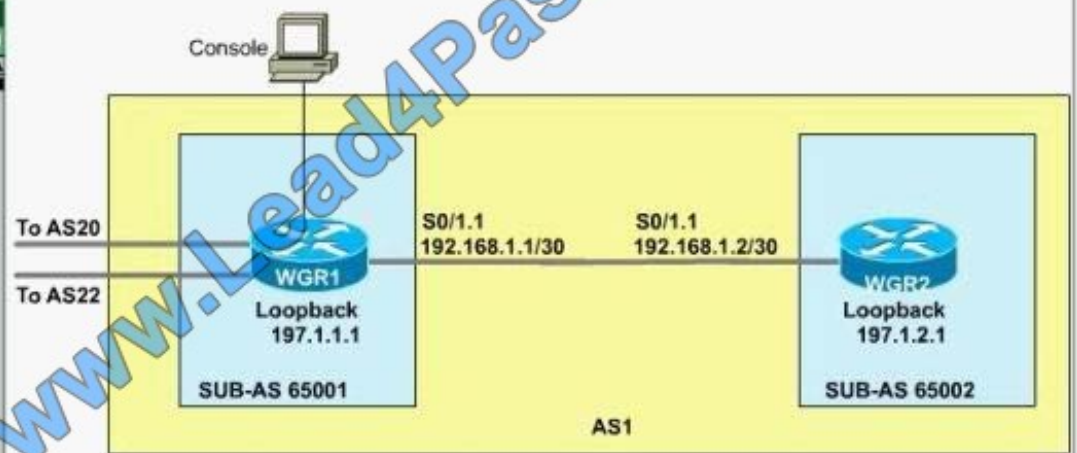
Note: The loopback interface is used to establish the BGP session between WGR1 and WGR2.

Enable secret password is cisco



Scenario 1 Version 1.0

You will have to scroll this window, and the one above, to view all of the instructions to perform the task.
Configure the router using the terminal emulation screen that opens when you click on the host computer.
Use the **Show Topology** button to leave the terminal emulation



Correct Answer: Check the answer in explanation.

Explanation

Explanation/Reference:

```
WGR1> enable
```

```
WGR1# config terminal
```

```
WGR1(config)# router bgp 65001
```

```
WGR1(config-router)# neighbor 197.1.2.1 ebgp multihop
```

```
WGR1(config-router)# end
```

```
WGR1# clear ip bgp * soft in
```

```
WGR1# show ip bgp
```

```
WGR1# copy run start
```



QUESTION 5

During the autonomous system number migration process, which BGP feature allows a BGP router to act as a router within one autonomous system to some BGP neighbors but also appear to be in another autonomous system to other neighbors?

- A. as-path-prepend
- B. Site-of-Origin (S00)
- C. AS override
- D. local-as
- E. remove-private-as

Correct Answer: D

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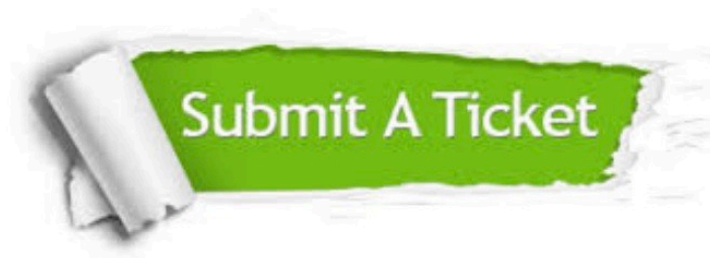
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