



642-902^{Q&As}

Implementing cisco ip routing

Pass Cisco 642-902 Exam with 100% Guarantee

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

<https://www.pass4lead.com/642-902.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

If a metric is not specified for routes that are redistributed into OSPF, the default metric that is assigned to the routes is 20, except for redistributed BGP routes. What is the metric that is assigned to redistributed BGP routes?

- A. 0
- B. 1
- C. 10
- D. 200

Correct Answer: B

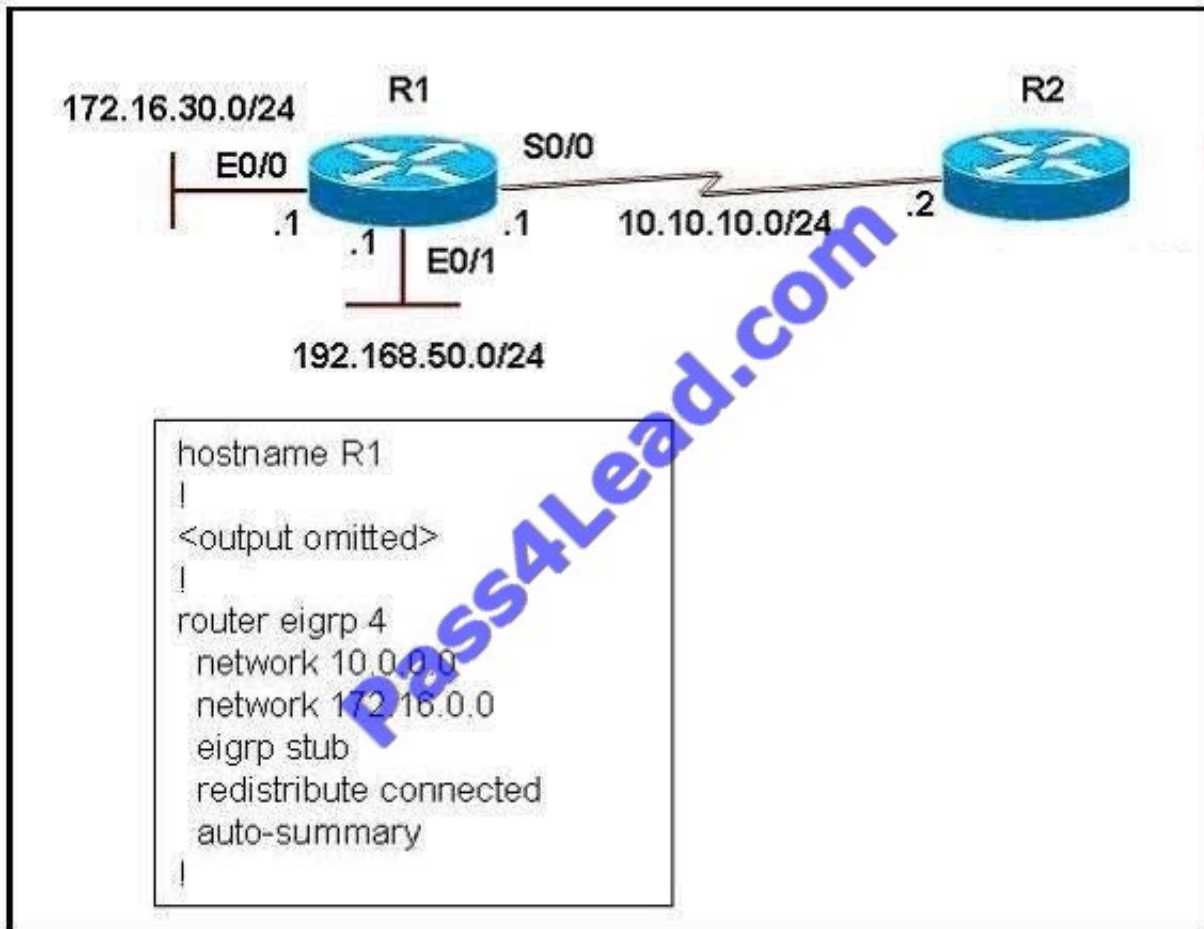
If a metric is not specified, OSPF puts a default value of 20 when redistributing routes from all protocols except Border Gateway Protocol (BGP) routes, which get a metric of 1.

Reference:

http://www.cisco.com/en/US/tech/tk365/technologies_tech_note09186a008009487e.shtml#ospf

QUESTION 2

Refer to the exhibit.



Which two statements are true? (Choose two.)

- A. The eigrp stub command prevents queries from being sent from R2 to R1.
- B. The eigrp stub command will automatically enable summarization of routes on R2.
- C. The eigrp stub command prevents all routes except a default route from being advertised to R1.
- D. Router R1 will advertise connected and summary routes only.
- E. Router R1 will advertise connected and static routes. The sending of summary routes will not be permitted.
- F. Router R1 is configured as a receive-only neighbor and will not send any connected, static or summary routes.

Correct Answer: AD

The command "eigrp stub" turns R1 into a stub router so R2 will never send any query to R1 because R2 knows that a stub router will only route packets for networks it has explicitly advertised.

The command "eigrp stub" is same as "eigrp stub connected summary" command because connected and summarized routes are advertised by default.

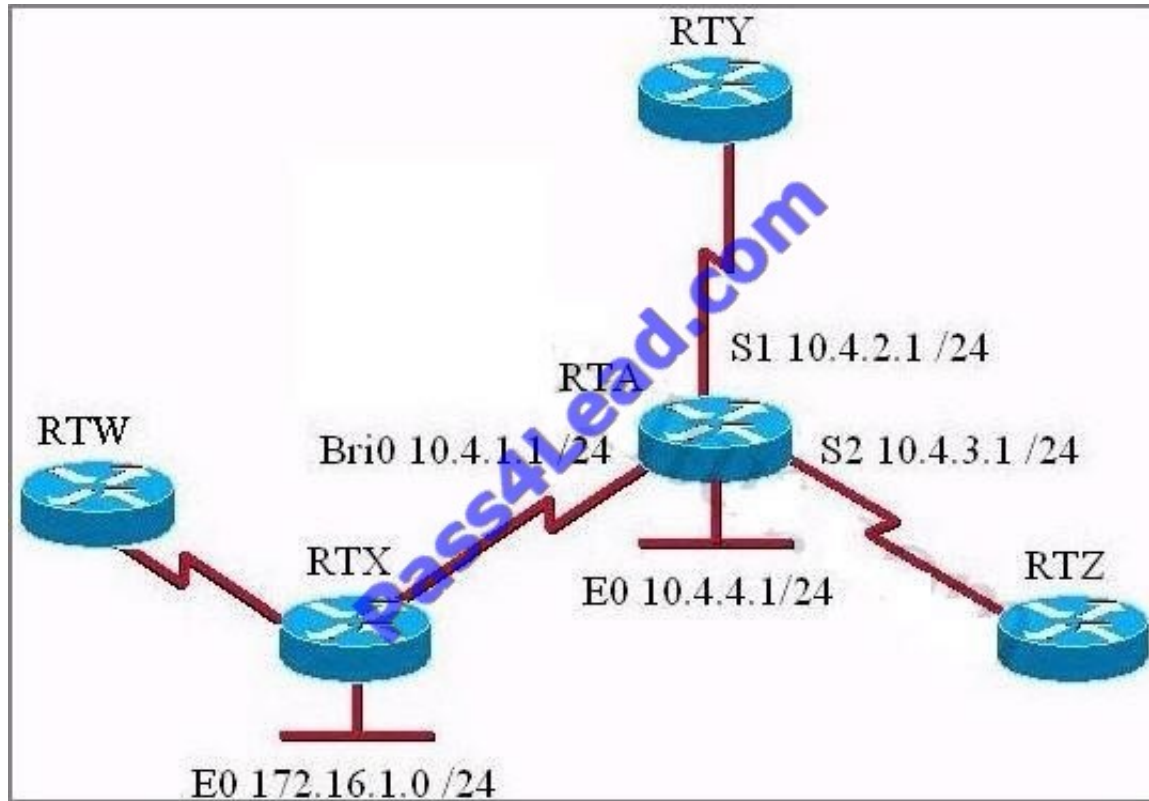
Note: Because the network 192.168.50.0 is not advertised by "network" statement, it is necessary to redistribute connected route with the "redistribute connected" command.



QUESTION 3

Router RTA is configured as follows:

```
RTA (config)#router rip
RTA(config-router)#network 10.0.0.0
RTA(config-router)#distribute-list 44 in interface BRI0
RTA(config-router)#exit
RTA(config)#access-list 44 deny 172.16.1.0 0.0.0.255
RTA(config)#access-list 44 permit any
```



What are the effects of this RIP configuration on router RTA? (Choose two)

- A. no routing updates will be sent from router RTA on interface BRI0 to router RTX
- B. router RTA will not advertise the 10.0.0.0 network to router RTX
- C. the route to network 172.16.1.0 will not be entered into the routing table on router RTA
- D. user traffic from the 172.16.1.0 network is denied by access-list 44
- E. the routing table on router RTA will be updated with the route to router RTW

Correct Answer: CE

Distribute list are used to filter routing updates and they are based on access lists. In this case, an access list of 44 was created to deny the route from network 172.16.1.0/24 so this route will not be entered into the routing table of RTA. But

the route from RTW can be entered because it is not filtered by the access list A and B are not correct because the distribute list is applied to the inbound direction of interface BRI0 so outgoing routing updated will not be filtered.

Distribute list just filters routing updates so user traffic from network 172.16.1.0 will not be denied.



QUESTION 4

What are three reasons to control routing updates via route filtering? (Choose three).

- A. to hide certain networks from the rest of the organization
- B. for easier implementation
- C. to control network overhead on the wire
- D. for simple security
- E. to prevent adjacencies from forming

Correct Answer: ACD

Route filtering hide certain networks from the rest of the organization and it also controls network overhead. Not only this, it also provides security to the routing updates.

QUESTION 5

Which statement is correct based upon the following output from the show command on RT1?

```
RT1# show ipv6 ospf interface
FastEthernet0/0 is up, line protocol is up
  Link Local Address FE80:218:B9FF:FE12:2CD1, Interface ID 4
  Area 0, Process ID 1, Instance ID 0, Router ID 10.1.1.1
  Network Type BROADCAST, Cost: 1
  Transmit Delay is 1 sec, State Drother, Priority 1
  Designated Router (ID) 10.1.3.1, local address FE80::218:B9FF:FEC0:BEF0
  Backup Designated router (ID) 10.1.2.1, local address FE80::218:B9FF:FE92:28D8
  Timer intervals configured, Hello 10, Dead 40, Wait 40, Retransmit 5
    Hello due in 00:00:04
  Index 1/3/3, flood queue length 0
  Next 0x(0) /0x0(0) /0x0(0)
  Last flood scan length is 2, maximum is 2
  Last flood scan time is 0 msec, maximum is 0 msec
  Neighbor Count is 2, Adjacent neighbor count is 2
    Adjacent with neighbor 10.1.3.1 (Designated Router)
    Adjacent with neighbor 10.1.2.1 (Backup Designated Router)
  Suppress help for 0 neighbor(s)
```

Choose one from below:

- A. OSPFv3 establishes neighbor adjacencies by using Link-local addresses.
- B. OSPFv3 establishes neighbor adjacencies by using IPv4 addresses.
- C. OSPFv3 establishes neighbor adjacencies by using global IPv6 addresses.
- D. RT1 owns a subnet mask of 64 bits.



Correct Answer: A

The point of this question is the OSPFv3.

As shown information, we notice that the router with both ipv6 address and ipv4 address and both of them are in ospf process, so in OSPFv3, we can find that, the DR BDR address are all link local address, so in OSPFv3 it establish neighbor

with link local address.

[642-902 Practice Test](#)

[642-902 Exam Questions](#)

[642-902 Braindumps](#)



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.pass4lead.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 © pass4lead, All Rights Reserved.