



300-101^{Q&As}

Implementing Cisco IP Routing

Pass Cisco 300-101 Exam with 100% Guarantee

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

<https://www.pass4itsure.com/300-101.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

Select and Place:

Drag each statement about authentication mechanisms on the left to the matching authentication type on the right.

REQUIRES A USERNAME AND PASSWORD ONLY	CHAP
GENERATES A UNIQUE AUTHENTICATION STRING FOR EACH TRANSACTION	
PROVIDES MINIMAL SECURITY	PAP
SUPPORTS MID-SESSION RE-AUTHENTICATION	

Correct Answer:

Drag each statement about authentication mechanisms on the left to the matching authentication type on the right.

	CHAP
	GENERATES A UNIQUE AUTHENTICATION STRING FOR EACH TRANSACTION
	SUPPORTS MID-SESSION RE-AUTHENTICATION
	PAP
	REQUIRES A USERNAME AND PASSWORD ONLY
	PROVIDES MINIMAL SECURITY

QUESTION 2



Which ospf area prevent LSA type 4 , LSA type 5 (choose two)

- A. not so stubby area
- B. total stubby area
- C. stubby area
- D. totally not-so-stubby area

Correct Answer: BD

QUESTION 3

Which two routers can do OSPF route summarization? (Choose Two)

- A. ABR
- B. ASBR
- C. Summary router
- D. internal router
- E. Backbone router

Correct Answer: AB

QUESTION 4

Refer to the exhibit. Which command would verify if PBR reacts to packets sourced from 172.16.0.0/16?

```
access-list 101 permit ip host 172.16.0.0 0.0.255.255 any
!
route-map divert permit 10
 match ip address 101
  set ip next-hop 212.50.185.126
  set ip next-hop recursive 192.0.0.1
  set ip default next-hop 212.50.185.125
!
interface GigabitEthernet0/1
 ip address 172.16.10.1 255.255.255.0
 ip policy route-map divert
```

- A. show ip route
- B. show policy-map
- C. show access-lists
- D. show route-map

Correct Answer: D



QUESTION 5

Which two methods use IPsec to provide secure connectivity from the branch office to the headquarters office? (Choose two.)

- A. DMVPN
- B. MPLS VPN
- C. Virtual Tunnel Interface (VTI)
- D. SSL VPN
- E. PPPoE

Correct Answer: AC

QUESTION 6

Refer to the exhibit.

```
R1#show ipv6 neighbor
```

IPv6 Address	Age	Link-layer Addr	State	Interface
FE80::21E:79FF:FEAB:3141	2	001e.79ab.3141	STALE	Gi0/1

Which statement about this neighbor of R1 is true?

- A. OSPFv3 adjacency has been lost, which causes the neighbor to be considered Stale.
- B. Aggregate global addresses are always used between IPv6 neighbors.
- C. OSPFv3 adjacency will not work between link-local addresses.
- D. R1 used ICMP to learn about this neighbor.

Correct Answer: D

ICMP is a ping echo. IPv6 uses ICMP to learn about its neighbor.

QUESTION 7

By default, what is the maximum number of equal-metric paths that BGP uses for load balancing?

- A. 1
- B. 2



C. 4

D. 6

Correct Answer: D

QUESTION 8

Which three IP SLA performance metrics can you use to monitor enterprise-class networks? (Choose three.)

A. Packet loss

B. Delay

C. bandwidth

D. Connectivity

E. Reliability

F. traps

Correct Answer: ABD

Performance metrics collected by IP SLAs operations include the following:

*

Delay (both round-trip and one-way)

*

Jitter (directional)

*Packet loss (directional)

*Packet sequencing (packet ordering)

*

Path (per hop)

*Connectivity (directional)

*Server or website download time

*

Voice quality scores

http://www.cisco.com/c/en/us/td/docs/ios-xml/ios/ipsla/configuration/15-mt/sla-15-mt-book/sla_overview.html

QUESTION 9



A network engineer wants to ensure an optimal end-to-end delay bandwidth product. The delay is less than 64KB. Which TCP feature ensures steady state throughput?

- A. Window scaling
- B. Network buffer
- C. Round-trip timers
- D. TCP acknowledgments

Correct Answer: A

QUESTION 10

Drag and drop the ACL types onto their description

Select and Place:

EXTENDED	Access lists that grant access per user to a specific source/destination host through a user authentication process (such as TACACS+ or RADIUS)
DYNAMIC	ACLs that control traffic by the comparison of the source address of the IP packets to the addresses configured in the ACL
STANDARD	ACL that control traffic by the comparison of the source and destination addresses of the IP packets to the addresses configured in the ACL. Uses 100-199 and 2000-2699
TIME BASED	ACLs that allow IP packets to be filtered based on upper-layer session information.
REFLEXIVE	ACLs that allow packets based on day and time

Correct Answer:



	REFLEXIVE or RADIUS)
	STANDARD
	EXTENDED Uses 100-199 and 2000-2699
	DYNAMIC
	TIME BASED

<https://www.cisco.com/c/en/us/support/docs/security/ios-firewall/23602-confaccesslists.html#timebasedtimerange>

QUESTION 11

Which two commands do you need to implement on a router to support the pppoe client? (Choose Two)

- A. peer default ipaddress pool
- B. mtu
- C. bba-group pppoe
- D. pppoe enable group
- E. pppoe-clientdialer-pool-number

Correct Answer: BE

QUESTION 12

Refer to the exhibit.

```
ip vrf BLUEip vrf RED! interface-FastEthernet0/0ip vrf forwarding REDip address 10.1.1.1
```

```
255.255.255.0 ! interface FastEthernet0/1ip vrf forwarding BLUEip address 10.1.2.1
```

```
255.255.255.0
```

Network users on the 10.1.2.0/24 subnet have a default gateway of 10.1.2.254. Which command will configure this gateway?

- A. router(config)#ip route vrf RED 0 0.0 0 0 0.0.0 10.1.2.254



B. router(config)#ip route 0.0.0.0 0.0.0.0 10.1.2.254

C. router(config)#ip route 0.0.0 0 0.0.0.0 fastethernet0/1

D. router(config)#ip route vrf BLUE 0.0.0.0 0.0.0.0 10.1.2.254

Correct Answer: D

[Latest 300-101 Dumps](#)

[300-101 Study Guide](#)

[300-101 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](#)

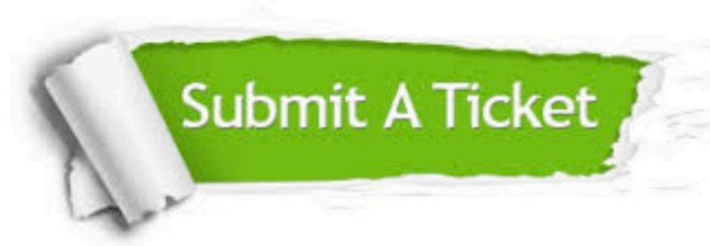
We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications. You can view Vendor list of All Certification Exams offered:

<https://www.pass4itsure.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 © pass4itsure, All Rights Reserved.