



Cisco

Exam 600-501

Integrating Business Applications with Network Programmability

Version: 6.0

[Total Questions: 66]

Question No : 1

Which option best describes explicit routing?

- A. MPLS Traffic Engineering
- B. destination-based routing
- C. link-state routing
- D. Shortest Path First
- E. static routes

Answer: A

Question No : 2

What is the purpose of Address Resolution Protocol in an IP data network?

- A. Given a known MAC address, Address Resolution Protocol discovers the relevant IP address.
- B. Given a known IP address, Address Resolution Protocol discovers the relevant MAC address.
- C. Given a known URL, Address Resolution Protocol discovers the relevant IP address.
- D. Given a known IP address, Address Resolution Protocol discovers the relevant URL.

Answer: B

Question No : 3

Which factor limits the maximum number of IEEE 802.1Q VLANs to 4096?

- A. the length of the VLAN ID field of the 802.1Q frame
- B. the length of the Tag Protocol ID field of the 802.1Q frame
- C. the size of the TCAM memory of the Layer 2 switch
- D. the size of the VLAN table of the Layer 2 switch

Answer: A

Question No : 4

Refer to the exhibit.

10.10.0.0/24
10.10.1.0/24
10.10.2.0/24
10.10.3.0/24.

What is the correct way to summarize these different routes into a single route?

- A. 10.0.0.0/8
- B. 10.10.0.0/16
- C. 10.10.0.0/22
- D. 10.10.3.0/22
- E. 10.10.1.0/22

Answer: C

Question No : 5

What is the default administrative distance for a static route?

- A. 0
- B. 255
- C. 1
- D. 110
- E. 254

Answer: C

Question No : 6

By default, which field in the IP packet header is used for forwarding?

- A. source IP address

- B. destination IP address
- C. TTL
- D. IP options
- E. MPLS label
- F. IP next hop

Answer: B

Question No : 7

Which two functions in the TLS protocol allow client/server applications to communicate?
(Choose two.)

- A. It supports NAT traversal at the protocol layer.
- B. It uses a substitution cipher for encoding and a symmetric key for confidentiality.
- C. It prevents eavesdropping, tampering, and message forgery, and a PKI provides user authentication.
- D. It provides data-origin authentication instead of user-origin authentication.

Answer: A,C

Question No : 8

Refer to the exhibit.

```
Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . : localdomain
Description . . . . . : Intel(R) PRO/1000 MT Network Connection
Physical Address. . . . . : 00-0C-29-C2-18-FD
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::6831:bdcd:4a8e:3958%11(Preferred)
IPv4 Address. . . . . : 192.168.255.186(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : Wednesday, January 22, 2014 4:46:41 PM
Lease Expires . . . . . : Thursday, January 23, 2014 11:43:28 PM
Default Gateway . . . . . : 192.168.255.2
DHCP Server . . . . . : 192.168.255.254
DHCPv6 IAID . . . . . : 234884137
DHCPv6 Client DUID. . . . . : 00-01-00-01-19-93-37-86-00-0C-29-C2-18-FD

DNS Servers . . . . . : 192.168.255.2
Primary WINS Server . . . . . : 192.168.255.2
NetBIOS over Tcpi. . . . . : Enabled

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . : localdomain
Link-local IPv6 Address . . . . . : fe80::6831:bdcd:4a8e:3958%11
IPv4 Address. . . . . : 192.168.255.186
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.255.2
```

The exhibit shows the IP configuration of the only network adapter that is present in this host. There are problems accessing the resources on the local network and the Internet. Which two troubleshooting steps will help diagnose this problem? (Choose two.)

- A. Ping the IP address of this adapter (192.168.255.186) to make sure that the interface is up.
- B. Ping the DHCP server to make sure that the next IP lease will work.
- C. Ping the DNS server or servers. If the ping fails, try to access the network resources by using IP addresses instead of hostnames.
- D. Ping the IP address of the default gateway. If the ping fails, try to ping an IP address on the local LAN.
- E. Use a different subnet mask, because the current mask is too narrow.
- F. Ask the network administrator to reboot the DHCP server.

Answer: C,D

Question No : 9

Which two IP addresses can be used to reach multiple hosts simultaneously? (Choose two.)

- A. 10.10.10.10
- B. 172.18.217.44
- C. 255.255.255.255
- D. 192.168.14.0
- E. 224.1.1.1

Answer: C,E

Question No : 10

Which two impairments can IP SLA Video Operations measure? (Choose two.)

- A. one-way average latency
- B. mean opinion score
- C. average jitter
- D. round-trip average latency
- E. video quality score

Answer: A,C

Question No : 11

Which Cisco onePK base service set applies to the application syslog processing capabilities?

- A. Data Path
- B. Policy
- C. Routing
- D. Element
- E. Discovery
- F. Utility
- G. Developer

Answer: F

Question No : 12

Which two network encryption techniques are available to secure large data transfers?

(Choose two.)

- A. Generic Routing Encapsulation
- B. WPA2
- C. IPsec
- D. HTTPS
- E. BiDi
- F. SFTP
- G. null cipher

Answer: B,C

Question No : 13

What is a reason that Layer 2 switches are used to build networks in a virtualized data center rather than Layer 3 switches?

- A. Layer 2 switches are less expensive than Layer 3 switches.
- B. The convergence time of a Layer 2 network is faster than that of a Layer 3 network.
- C. A virtual machine can move from one physical server to another in a Layer 2 network without needing a different IP address.
- D. A virtual machine can move from one physical server to another in a Layer 2 network without needing different TCP port numbers.

Answer: C

Question No : 14

Which two statements about Flow Metadata best describe its application-awareness technology? (Choose two.)

- A. Flow Metadata can discover more than 1000 applications.
- B. Flow Metadata can share the "App_ID" with downstream devices.
- C. Flow Metadata discovers the application name by using deep packet inspection.
- D. Flow Metadata can learn an application name for encrypted flows.
- E. Flow Metadata depends on NBAR to produce an application name.

Answer: B,D

Question No : 15

Which three Flow Metadata mechanisms are used to produce metadata attributes?
(Choose three.)

- A. Flexible NetFlow
- B. Media Services Interface
- C. Media Services Proxy
- D. Medianet Performance Monitor
- E. NBAR2
- F. Medianet Mediatrace

Answer: B,C,E

Question No : 16

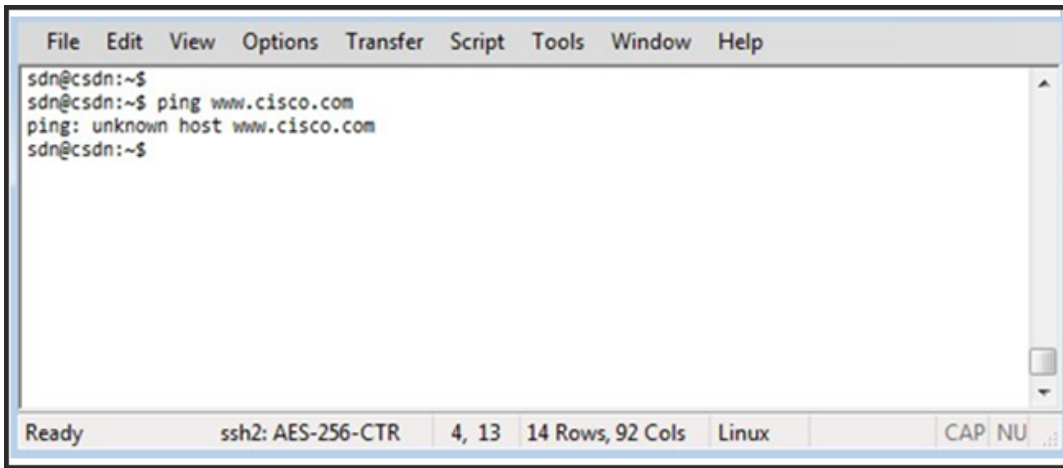
Which two features are available within the Medianet Media Monitoring feature set?
(Choose two.)

- A. IP SLA Video Operations
- B. NBAR2
- C. Media Services Interface
- D. Mediatrace
- E. Flexible NetFlow
- F. Flow Metadata
- G. NetFlow

Answer: A,D

Question No : 17

Refer to the exhibit.



```
File Edit View Options Transfer Script Tools Window Help
sdn@csdn:~$
sdn@csdn:~$ ping www.cisco.com
ping: unknown host www.cisco.com
sdn@csdn:~$
```

Ready ssh2: AES-256-CTR 4, 13 14 Rows, 92 Cols Linux CAP NU ...

What is the reason for the error message?

- A. The user does not have the necessary rights to run this command.
- B. This is a normal response.
- C. TCP is not configured on the host.
- D. DNS resolution failed.

Answer: D

Question No : 18

Which three options are valid private IP address ranges that are specified by RFC 1918?
(Choose three.)

- A. 10.0.0.0 /8 prefix
- B. 172.16.0.0 /12 prefix
- C. 192.168.0.0 /16 prefix
- D. 172.16.1.1 /16 prefix
- E. 10.0.0.0 /12 prefix
- F. 192.168.0.0 /24 prefix

Answer: A,B,C

Question No : 19

Which statement best describes priority flow control?

Microsoft Exams List

70-246 Dump PDF VCE	70-485 Dump PDF VCE	70-742 Dump PDF VCE	98-366 Dump PDF VCE
70-247 Dump PDF VCE	70-486 Dump PDF VCE	70-743 Dump PDF VCE	98-367 Dump PDF VCE
70-331 Dump PDF VCE	70-487 Dump PDF VCE	70-744 Dump PDF VCE	98-368 Dump PDF VCE
70-332 Dump PDF VCE	70-488 Dump PDF VCE	70-761 Dump PDF VCE	98-369 Dump PDF VCE
70-333 Dump PDF VCE	70-489 Dump PDF VCE	70-762 Dump PDF VCE	98-372 Dump PDF VCE
70-334 Dump PDF VCE	70-490 Dump PDF VCE	70-765 Dump PDF VCE	98-373 Dump PDF VCE
70-339 Dump PDF VCE	70-491 Dump PDF VCE	70-768 Dump PDF VCE	98-374 Dump PDF VCE
70-341 Dump PDF VCE	70-492 Dump PDF VCE	70-980 Dump PDF VCE	98-375 Dump PDF VCE
70-342 Dump PDF VCE	70-494 Dump PDF VCE	70-981 Dump PDF VCE	98-379 Dump PDF VCE
70-345 Dump PDF VCE	70-496 Dump PDF VCE	70-982 Dump PDF VCE	MB2-700 Dump PDF VCE
70-346 Dump PDF VCE	70-497 Dump PDF VCE	74-343 Dump PDF VCE	MB2-701 Dump PDF VCE
70-347 Dump PDF VCE	70-498 Dump PDF VCE	74-344 Dump PDF VCE	MB2-702 Dump PDF VCE
70-348 Dump PDF VCE	70-499 Dump PDF VCE	74-409 Dump PDF VCE	MB2-703 Dump PDF VCE
70-354 Dump PDF VCE	70-517 Dump PDF VCE	74-678 Dump PDF VCE	MB2-704 Dump PDF VCE
70-383 Dump PDF VCE	70-532 Dump PDF VCE	74-697 Dump PDF VCE	MB2-707 Dump PDF VCE
70-384 Dump PDF VCE	70-533 Dump PDF VCE	77-420 Dump PDF VCE	MB2-710 Dump PDF VCE
70-385 Dump PDF VCE	70-534 Dump PDF VCE	77-427 Dump PDF VCE	MB2-711 Dump PDF VCE
70-410 Dump PDF VCE	70-640 Dump PDF VCE	77-600 Dump PDF VCE	MB2-712 Dump PDF VCE
70-411 Dump PDF VCE	70-642 Dump PDF VCE	77-601 Dump PDF VCE	MB2-713 Dump PDF VCE
70-412 Dump PDF VCE	70-646 Dump PDF VCE	77-602 Dump PDF VCE	MB2-714 Dump PDF VCE
70-413 Dump PDF VCE	70-673 Dump PDF VCE	77-603 Dump PDF VCE	MB2-715 Dump PDF VCE
70-414 Dump PDF VCE	70-680 Dump PDF VCE	77-604 Dump PDF VCE	MB2-716 Dump PDF VCE
70-417 Dump PDF VCE	70-681 Dump PDF VCE	77-605 Dump PDF VCE	MB2-717 Dump PDF VCE
70-461 Dump PDF VCE	70-682 Dump PDF VCE	77-881 Dump PDF VCE	MB2-718 Dump PDF VCE
70-462 Dump PDF VCE	70-684 Dump PDF VCE	77-882 Dump PDF VCE	MB5-705 Dump PDF VCE
70-463 Dump PDF VCE	70-685 Dump PDF VCE	77-883 Dump PDF VCE	MB6-700 Dump PDF VCE
70-464 Dump PDF VCE	70-686 Dump PDF VCE	77-884 Dump PDF VCE	MB6-701 Dump PDF VCE
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70-467 Dump PDF VCE	70-689 Dump PDF VCE	77-887 Dump PDF VCE	MB6-704 Dump PDF VCE
70-469 Dump PDF VCE	70-692 Dump PDF VCE	77-888 Dump PDF VCE	MB6-705 Dump PDF VCE
70-470 Dump PDF VCE	70-695 Dump PDF VCE	77-891 Dump PDF VCE	MB6-884 Dump PDF VCE
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70-480 Dump PDF VCE	70-697 Dump PDF VCE	98-361 Dump PDF VCE	MB6-886 Dump PDF VCE
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200-355 Dump PDF VCE	500-007 Dump PDF VCE	642-998 Dump PDF VCE	700-101 Dump PDF VCE
200-401 Dump PDF VCE	500-051 Dump PDF VCE	642-999 Dump PDF VCE	700-104 Dump PDF VCE
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210-060 Dump PDF VCE	500-170 Dump PDF VCE	644-068 Dump PDF VCE	700-205 Dump PDF VCE
210-065 Dump PDF VCE	500-201 Dump PDF VCE	644-906 Dump PDF VCE	700-260 Dump PDF VCE
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210-260 Dump PDF VCE	500-258 Dump PDF VCE	646-580 Dump PDF VCE	700-281 Dump PDF VCE
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300-320 Dump PDF VCE	640-692 Dump PDF VCE	650-393 Dump PDF VCE	
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