



**鸿鹄论坛**  
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## 学网络技术 去鸿鹄论坛 命运的改变从技术开始

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**CCNA 题库战报交流群：** 482070356

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**<http://bbs.hh010.com/forum-261-1.html>**

**CCNA**

考试代号： 200-125

考试时间： 英文 140 分钟

通过分数： 810

考试版本： V3.0

### QUESTION 1

DCE/DTE	
crossover	switch access port to router
null modem	switch to switch
straight-through	PC COM port to switch
rollover	router serial to router serial
9-25 pin serial	

Correct Answer:

	straight-through
null modem	crossover
	rollover
	DCE/DTE
9-25 pin serial	

### QUESTION 2

Drag each category on the left to its corresponding router output line on the right.  
Each router output line is the result of a show ip interface command.  
Not all categories are used.

Layer 1 problem	Serial0/1 is up, line protocol is up
Layer 2 problem	Serial0/1 is up, line protocol is down
Layer 3 problem	Serial0/1 is down, line protocol is down
port operational	Serial0/1 is administratively down, line protocol is down
port disabled	

Correct Answer:

Drag each category on the left to its corresponding router output line on the right.  
Each router output line is in the result of a show ip interface command.  
Not all categories are used.

	port operational
	Layer 2 problem
Layer 3 problem	Layer 1 problem
	port disabled

### QUESTION 3

A user is unable to connect to the Internet. Based on the layered approach to troubleshooting and beginning with the lowest layer. Follow the guide and drag the content to relevant modules

Verify URL	Step 1
Verify NIC operation	Step 2
Verify IP configuration	Step 3
Verify Ethernet cable connection	Step 4

Correct Answer:

A user is unable to connect to the Internet. Based on the layered approach to troubleshooting and beginning with the lowest layer. Follow the guide and drag the content to relevant modules

	Verify Ethernet cable connection
	Verify NIC operation
	Verify IP configuration
	Verify URL

### QUESTION 4

Match the items on the left with appropriate OSI layer on the right. (Not all options are used.)



bits
packets
udp
IP address
segments
MAC address
windowing
routing
switching

Network Layer

Transport Layer

Correct Answer:

bits
MAC address
switching

Network Layer
packets
IP address
routing

Transport Layer
udp
segments
windowing

QUESTION 5

Drag and drop the correct address space on the left to the IPv6 multicast feature or protocol on the right.	
FF02::5	All nodes of Link Local
FF02::A	All EIGRPv3 Routers
FF02::D	All OSPFv3 Designated Routers
FF02::1	All PIM Routers
FF05::2	All OSPFv3 Routers
FF02::6	All Routers of site local

Correct Answer:

Drag and drop the correct address space on the left to the IPv6 multicast feature or protocol on the right.	
	FF02::1
	FF02::A
	FF02::6
	FF02::D
	FF02::5
	FF05::2

- FF01::1 ——— All nodes (node-local)
- FF01::2 ——— All routers (node-local)
- FF02::1 ——— All nodes (link-local)
- FF02::2 ——— All routers (link-local)
- FF02::5 ——— OSPFv3 routers
- FF02::6 ——— OSPFv3 designated routers
- FF02::9 ——— Routing Information Protocol (RIPng)
- FF02::A ——— EIGRP routers
- FF02::B ——— Mobile agents
- FF02::C ——— SSDP
- FF02::D ——— All PIM routers
- FF05::2 ——— All routers (site-local)
- Extra Choice ——— DHCP servers/relay agents (FF05::1:3)

## QUESTION 6

Drag the security features on the left to the specific risks they protect against on the right.  
(not all options are used)

access-group	remote access to device console
console password	access to the console 0 line
enable secret	access to connect networks or resources
CHAP authentication	viewing of passwords
VTY password	access to privileged mode
service password-encryption	

Correct Answer:

Drag the security features on the left to the specific risks they protect against on the right.  
(not all options are used)

	VTY password
	console password
	access-group
CHAP authentication	service password-encryption
	enable secret



### QUESTION 7

- UDP
- combines authentication and authorization
- encrypts only the password
- Encrypts the entire body
- multi-vendors
- proprietary
- TCP
- Separate AAA

- Radius
- 
- 
- 
- 
- Tacacs +
- 
- 
- 
- 

Correct Answer:

- Radius
- UDP
- combines authentication and authorization
- encrypts only the password
- multi-vendors
- Tacacs +
- Encrypts the entire body
- proprietary
- TCP
- Separate AAA

QUESTION 8

classful
classless
support authentication
Non support authentication
Updates send in multicast
Updates send in broadcast
Non support VLSM
Support VLSM

RIPV1
RIPV2

Correct Answer:


RIPV1
classful
Non support authentication
Updates send in broadcast
Non support VLSM
RIPV2
classless
support authentication
Updates send in multicast
Support VLSM



### QUESTION 9

cache	Local database of address mappings that improves name-resolution performance
DNS	Service that maps hostnames to IP addresses
domain	Disables DNS services on a cisco device
name resolver	In response to client requests, queries a name server for IP address information
no ip domain-lookup	Component of a URL that indicates the location or organization type, such as .com or . edu

Correct Answer:

	cache
	DNS
	no ip domain-lookup
	name resolver
	domain

### QUESTION 10

multitenancy	One or more clients can be hosted with the same physical or virtual infrastructure
On-demand	Resources can be added and removed as needed to support current workload and task
resiliency	Task can be migrated to different physical locations to increase efficiency or reduce cost
scalability	Resources are dedicated only when necessary instead of on a permanent basis
Workload movement	Task and data residing on a failed server can be seamlessly migrated to other physical resources

Correct Answer:

	multitenancy
	scalability
	Workload movement
	On-demand
	resiliency

QUESTION 11

Accepts incoming connections over vty lines	buffered logging
Display logging information during a terminal session	console
Provides local access to a device	syslog server logging
Stores log messages externally	terminal
Stores log messages in RAM	terminal monitor

Correct Answer:

	Stores log messages in RAM
	Provides local access to a device
	Stores log messages externally
	Accepts incoming connections over vty lines
	Display logging information during a terminal session

## QUESTION 12

	Dynamic Routing
Support load balancing with no specific configuration.	
Supports floating routes	
Allows the administrator to manage device individually when needed	
Able to select the best path in response to network changes	
Provides better scalability in a large infrastructure.	
Provides granular control over routing.	

	Static Routing

Correct Answer:

	Dynamic Routing
	Support load balancing with no specific configuration.
	Able to select the best path in response to network changes
	Provides better scalability in a large infrastructure.

	Static Routing
	Supports floating routes
	Allows the administrator to manage device individually when needed
	Provides granular control over routing.



QUESTION 13

HTTPS	Call to the APIC-EM API from a library
JSON	Data-structure format that passes parameters for API calls
OpenFlow	Northbound API
RBAC	Southbound API
REST	Token-based security mechanism

Correct Answer:

	RBAC
	JSON
	REST
	OpenFlow
	HTTPS

### QUESTION 14

Drag and drop the PPPoE packet type on the left to the corresponding description on the right.	
PADR	A packet that is sent with the destination_addr set to the broadcast address. The packet indicates the type of service requested.
PADT	A packet that is sent with the destination_addr set to the unicast address of the PPPoE client. The packet contains an offer for the client.
PADO	A packet that is sent from the PPPoE client with the destination_addr set to the chosen access concentrator. The packet contains a session request from the client.
PADI	A packet that is sent as confirmation to the client. The packet contains the unique PPPoE session ID.
PADS	A packet that is sent to terminate the PPPoE session.

Correct Answer:

Drag and drop the PPPoE packet type on the left to the corresponding description on the right.	
	PADI
	PADO
	PADR
	PADS
	PADT

### QUESTION 15

Dynamic RF Feature	Controller image auto deployed to access Points
Easy Deployment Process	Controller uses loadbalancing to maximize throughput
Optimized user performance	Access points auto adjust signal strenght
Easy upgrade process	Controller prvides centralized managmt of users & vlans

Correct Answer:

	Easy upgrade process
	Optimized user performance
	Dynamic RF Feature
	Easy Deployment Process

QUESTION 16

10BASE-T	Copper
10GBASE-LR	
100BASE-TX	
10GBASE-T	Fiber
1000BASE-LX	
1000BASE-SC	

Correct Answer:



	<b>Copper</b>
	10BASE-T
	100BASE-TX
	10GBASE-T
	<b>Fiber</b>
	10GBASE-LR
	1000BASE-LX
	1000BASE-SC

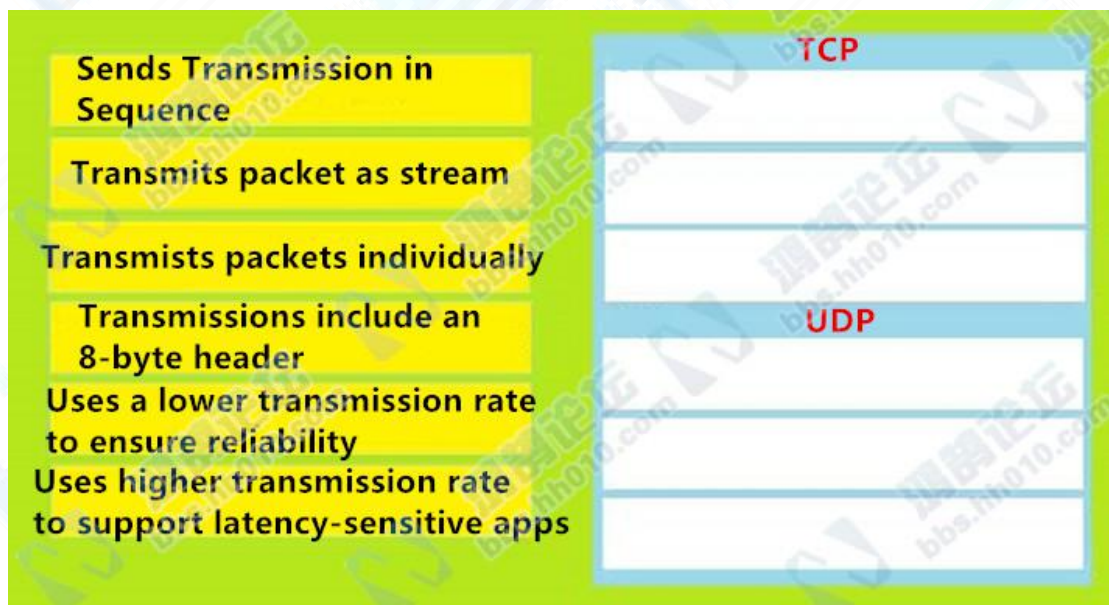
QUESTION 17

<b>Qos</b>	<b>Control Plane</b>
<b>Filtering</b>	
<b>Device access</b>	
<b>Data encapsulation</b>	
<b>Routing state exchange</b>	<b>Data Plane</b>
<b>Establishes telnet sessions</b>	

Correct Answer:



QUESTION 18



Correct Answer:



	<b>TCP</b>
	<b>Sends Transmission in Sequence</b>
	<b>Transmits packet as stream</b>
	<b>Uses a lower transmission rate to ensure reliability</b>
	<b>UDP</b>
	<b>Transmits packets individually</b>
	<b>Transmissions include an 8-byte header</b>
	<b>Uses higher transmission rate to support latency-sensitive applications</b>

QUESTION 19

Dynamic mac address	mac that is learned by the switch through normal traffic
Mac ACL	associates a learned mac address with its connected interface
Mac address table	removing an inactive mac after a specified time
Mac learning	feature that determines whether incoming traffic will be allowed
Mac aging	adding a previously unknown mac into the address table
Static mac	mac address that remains in the mac address table after reboot

Correct Answer:



	Dynamic mac address
	Mac address table
	Mac aging
	Mac ACL
	Mac learning
	Static mac

QUESTION 20

requesting	Discover to server
initializing	from Offer from server
bound	Request to server
selecting	from Ack from server
rebinding	from same dhcp server
renewing	from different dhcp server

Correct Answer:

	initializing
	selecting
	requesting
	bound
	renewing
	rebinding