

➤ **Vendor: Cisco**

➤ **Exam Code: 200-301**

➤ **Exam Name: CCNA - Cisco Certified Network Associate**

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QUESTION 386

A network administrator must enable DHCP services between two sites. What must be configured for the router to pass DHCPDISCOVER messages on to the server?

- A. a DHCP Relay Agent
- B. DHCP Binding
- C. a DHCP Pool
- D. DHCP Snooping

Answer: A

QUESTION 387

A network administrator needs to aggregate 4 ports into a single logical link which must negotiate layer 2 connectivity to ports on another switch.

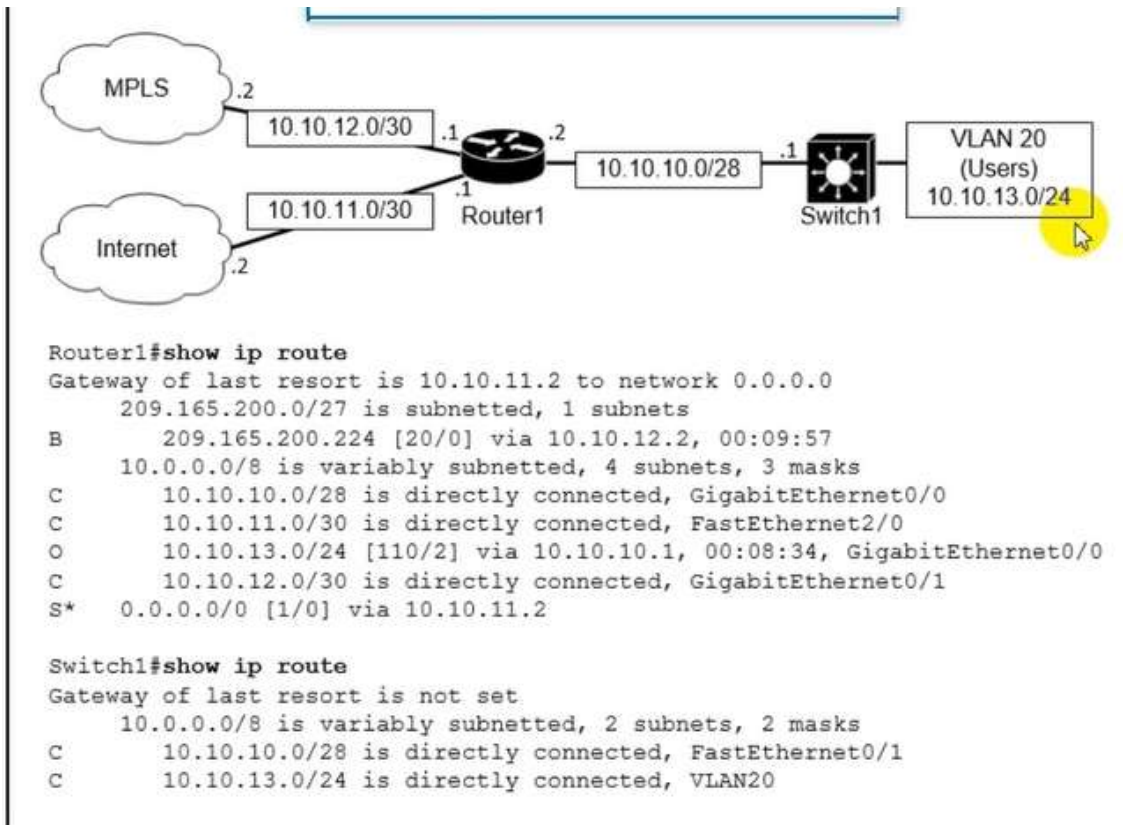
What must be configured when using active mode on both sides of the connection?

- A. 802.1q trunks
- B. Cisco vPC
- C. LLDP
- D. LACP

Answer: D

QUESTION 388

Refer to the exhibit. Which path is used by the router for internet traffic?



- A. 209.165.200.0/27
- B. 10.10.10.0/28
- C. 0.0.0.0/0
- D. 10.10.13.0/24

Answer: C

QUESTION 389

How does a Cisco Unified Wireless network respond to Wi-Fi channel overlap?

- A. It alternates automatically between 2.4 GHz and 5 GHz on adjacent access points
- B. It allows the administrator to assign channels on a per-device or per-interface basis.
- C. It segregates devices from different manufacturers onto different channels.
- D. It analyzes client load and background noise and dynamically assigns a channel.

Answer: A

QUESTION 390

What is the difference regarding reliability and communication type between TCP and UDP?

- A. TCP is reliable and is a connection-oriented protocol UDP is not reliable and is a connectionless protocol
- B. TCP is not reliable and is a connection-oriented protocol; UDP is reliable and is a connectionless protocol
- C. TCP is not reliable and is a connectionless protocol; UDP is reliable and is a connection- oriented protocol
- D. TCP is reliable and is a connectionless protocol; UDP is not reliable and is a connection- oriented protocol

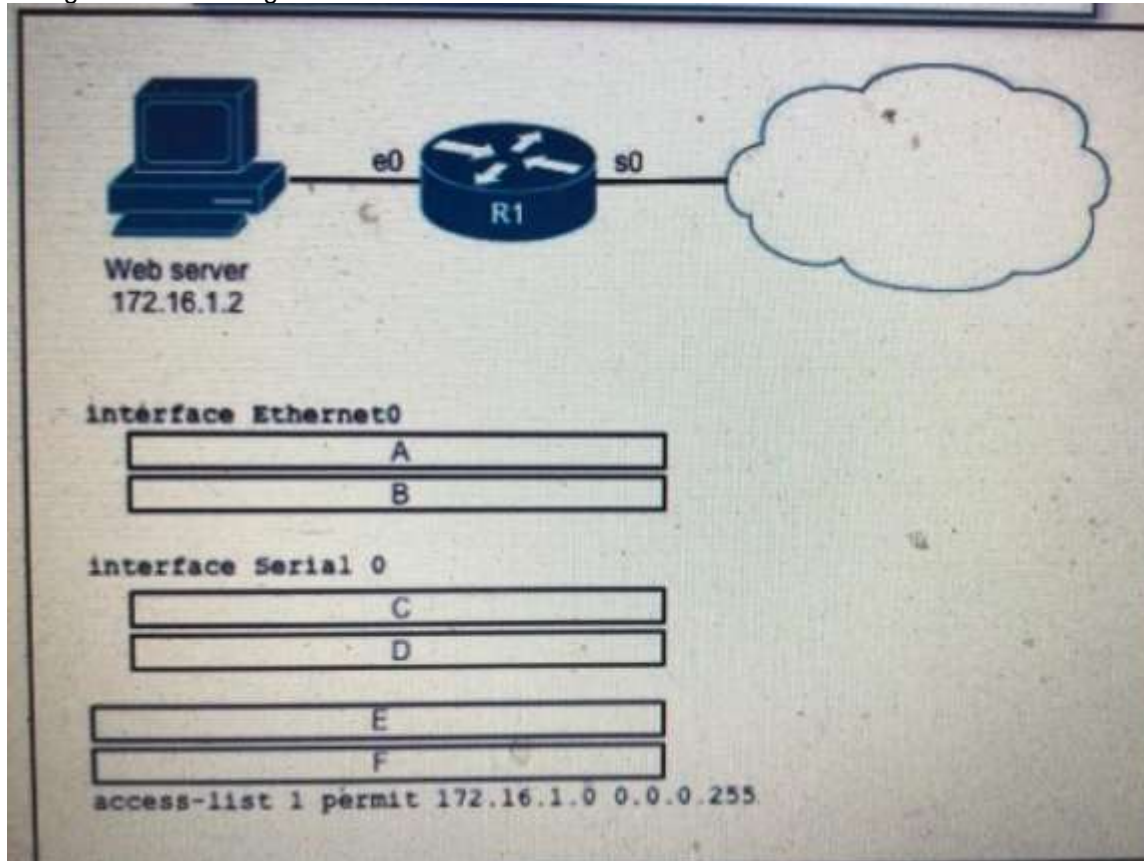
Answer: A

QUESTION 391

Drag and Drop Question

Refer to the exhibit. An engineer is configuring the router to provide static NAT for the webserver.

Drag and drop the configuration commands from the left onto the letters that correspond to its position in the configuration on the right.



ip address 172.16.1.1 255.255.255.0	position A
ip address 45.83.2.214 255.255.255.240	position B
ip nat inside	position C
ip nat inside source list 1 interface s0 overload	position D
ip nat inside source static tcp 172.16.1.2 80 45.83.2.214 80 extendable	position E
ip nat outside	position F

Answer:

	ip address 172.16.1.1 255.255.255.0
	ip nat inside
	ip address 45.83.2.214 255.255.255.240
	ip nat outside
	ip nat inside source static tcp 172.16.1.2 80 45.83.2.214 80 extendable
	ip nat inside source list 1 interface s0 overload

QUESTION 392

Drag and Drop Question

Drag and drop the QoS congestion management terms from the left onto the description on the right.

CBWQ	places packets into one of four priority-based queues
CQ	provides guaranteed bandwidth to a specified class of traffic
FIFO	provides minimum guaranteed bandwidth to one or more flows
PQ	services a specified number of bytes in one queue before continuing to the next queue
WFQ	uses store-and-forward queueing

Answer:

	WFQ
	CBWQ
	FIFO
	PQ
	CQ

QUESTION 393

Drag and Drop Question

Drag and drop the network protocols from the left onto the correct transport services on the right.

SMTP	Connection Oriented
SNMP	
TFTP	
VoIP	
SSH	
FTP	
	Connectionless

Answer:

	Connection Oriented SNMP SSH FTP
	Connectionless SMTP TFTP VoIP

QUESTION 394

With REST API, which standard HTTP header tells a server which media type is expected by the client?

- A. Accept-Encoding: gzip, deflate
- B. Accept-Patch: text/example; charset=utf-8
- C. Content-Type: application/json; charset=utf-8
- D. Accept: application/json

Answer: C

QUESTION 395

Drag and Drop Question

Drag and drop the SNMP manager and agent identifier commands from the left onto the functions on the right

show snmp chassis	displays information about the SNMP recipient
show snmp community	displays the IP address of the remote SNMP device
show snmp engineID	displays the SNMP security model in use
show snmp group	displays the SNMP access string
show snmp host	displays the SNMP server serial number

Answer:

show snmp group
show snmp host
show snmp engineID
show snmp community
show snmp chassis

QUESTION 396

Drag and Drop Question

Drag and drop the DHCP snooping terms from the left onto the descriptions on the right.

DHCP server	list of hosts on the network that are unknown to the administrative domain
snooping binding database	network component that propagates IP addresses to hosts on the network
spurious DHCP server	internal device under the control of the network administrator
trusted	unknown DHCP server within an administrative domain
untrusted	default state of all interfaces

Answer:

	snooping binding database
	spurious DHCP server
	trusted
	DHCP server
	untrusted

QUESTION 397

Drag and Drop Question

Drag and drop the characteristics of network architectures from the left onto the type of architecture on the right.

single device handles the core and the distribution layer	Collapsed Core
enhances network availability	
more cost-effective than other options	
most appropriate for small network designs	Three-Tier
separate devices handle the core and the distribution layer	

Answer:

Collapsed Core	
single device handles the core and the distribution layer	
enhances network availability	
separate devices handle the core and the distribution layer	
Three-Tier	
more cost-effective than other options	
most appropriate for small network designs	