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CCNA v6.0 Routing and Switching – Cisco Students

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CCNA 2 V6.0 FINAL EXAM ANSWERS 2018 (OPTION B)

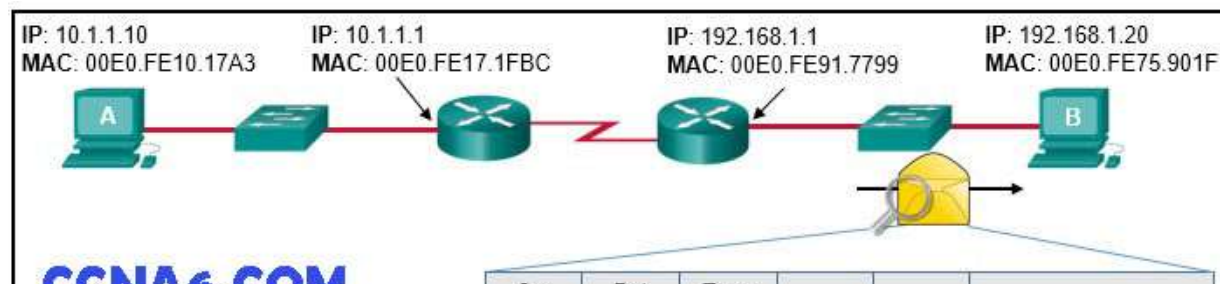
CCNA 2 v6.0 8 May, 2017 No Comments admin CCNA 2 Final Exam, CCNA 2 v6, Final Exam, v6.0



CCNA 2 ROUTING AND SWITCHING ESSENTIALS V6.0 FINAL EXAM ANSWERS 2018

(OPTION B)

REFER TO THE EXHIBIT. HOST A HAS SENT A PACKET TO HOST B. WHAT WILL BE THE SOURCE MAC AND IP ADDRESSES ON THE PACKET WHEN IT ARRIVES AT HOST B?



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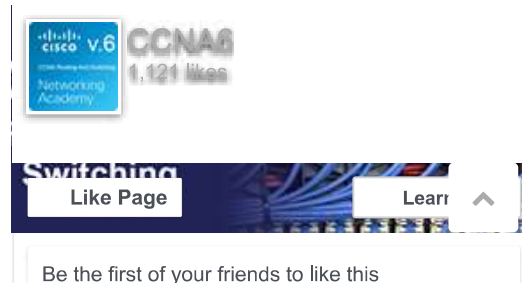


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CCNA6.COM	Src MAC	Dst MAC	Type 0x800	Src IP	Dst IP	Data
-----------	------------	------------	---------------	--------	--------	------

Source MAC: 00E0.FE91.7799

Source IP: 192.168.1.1
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17 e MAC: 00E0.FE10.17A3
e IP: 10.1.1.10

e MAC: 00E0.FE91.7799
e IP: 10.1.1.10*

e MAC: 00E0.FE10.17A3
e IP: 192.168.1.1

e MAC: 00E0.FE91.7799
e IP: 10.1.1.1

WHAT IS THE EFFECT OF CONFIGURING THE IPV6 UNICAST-ROUTING COMMAND ON A ROUTER?

Assign the router to the all-nodes multicast group

Enable the router as an IPv6 router*

Limit only unicast packets on the router

Prevent the router from joining the all-routers multicast group

3 WHAT IS A CHARACTERISTIC OF A STATIC ROUTE THAT CREATES A GATEWAY OF LAST RESORT?

It backs up a route already discovered by a dynamic routing protocol.

It uses a single network address to send multiple static routes to one destination address.

It identifies the gateway IP address to which the router sends all IP packets for which it does not have a learned or static route.*

It is configured with a higher administrative distance than the original dynamic routing protocol has.

1. A DEFAULT TO THE EXHIBIT WHICH ROUTE WAS CONFIGURED AS A STATIC ROUTE TO A

CCNA V6.0 ROUTING AND SWITCHING

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- **CCNA 1 v6 - Pretest Exam**
- **CCNA 1 v6 - Chapter 1**
- **CCNA 1 v6 - Chapter 2**
- **CCNA 1 v6 - Chapter 3**
- **CCNA 1 v6 - Chapter 4**
- **CCNA 1 v6 - Chapter 5**
- **CCNA 1 v6 - Chapter 6**
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- **CCNA 1 v6 - Final Exam A**
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- **CCNA 1 v6 - Final Exam C**
- **CCNA 1 v6 Final Packet Tracer Skill Assessment**

REFER TO THE EXHIBIT. WHICH ROUTE WAS CONFIGURED AS A STATIC ROUTE TO A SPECIFIC NETWORK USING THE NEXT-HOP ADDRESS?

S 10.17.2.0/24 [1/0] via 10.16.2.2
 S 0.0.0.0/0 [1/0] via 10.16.2.2
 C 10.16.2.0/24 is directly connected, Serial0/0/0
 17 0.17.2.0/24 is directly connected, Serial 0/0/0

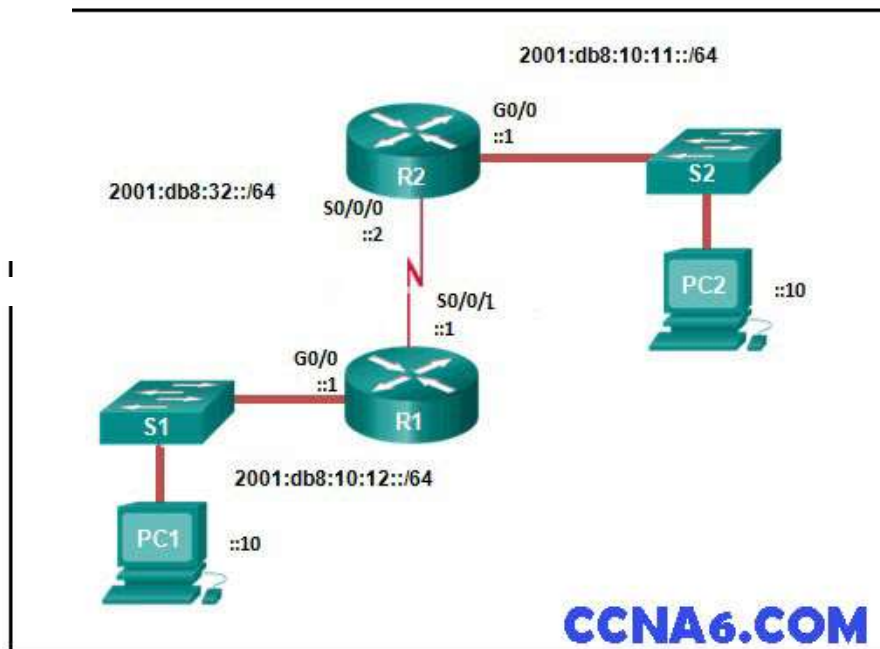
17.2.0/24 [1/0] via 10.16.2.2*

0.0/0 [1/0] via 10.16.2.2

16.2.0/24 is directly connected, Serial0/0/0

17.2.0/24 is directly connected, Serial 0/0/0

REFER TO THE EXHIBIT. WHICH COMMAND WILL PROPERLY CONFIGURE AN IPV6 STATIC ROUTE ON R2 THAT WILL ALLOW TRAFFIC FROM PC2 TO REACH PC1 WITHOUT RECURSIVE LOOKUPS BY ROUTER R2?



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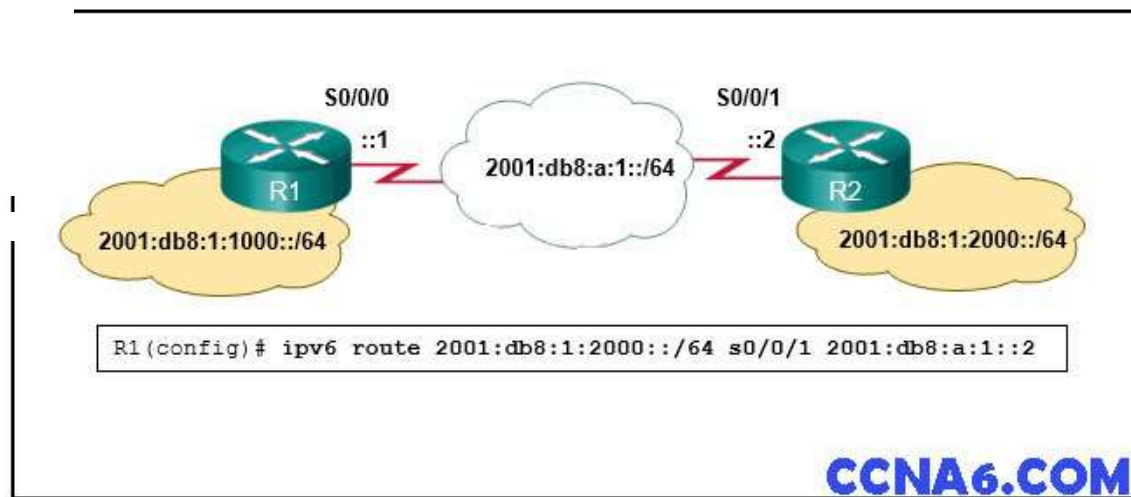
solarwinds
 msp START YOUR FR

```
R2(config)# ipv6 route 2001:db8:10:12::/64 2001:db8:32::1
R2(config)# ipv6 route 2001:db8:10:12::/64 S0/0/0 *
R2(config)# ipv6 route ::/0 2001:db8:32::1
R2(config)# ipv6 route 2001:db8:10:12::/64 S0/0/1
```

17 **6. A ROUTER HAS USED THE OSPF PROTOCOL TO LEARN A ROUTE TO THE 16.32.0/19 NETWORK. WHICH COMMAND WILL IMPLEMENT A BACKUP FLOATING STATIC ROUTE TO THIS NETWORK?**

```
te 172.16.0.0 255.255.240.0 S0/0/0 200
te 172.16.32.0 255.255.224.0 S0/0/0 200 *
te 172.16.0.0 255.255.224.0 S0/0/0 100
te 172.16.32.0 255.255.0.0 S0/0/0 100
```

FER TO THE EXHIBIT. AN ADMINISTRATOR IS ATTEMPTING TO INSTALL AN IPV6 STATIC ROUTE ON ROUTER R1 TO REACH THE NETWORK ATTACHED TO ROUTER R2. BEFORE THE STATIC ROUTE COMMAND IS ENTERED, CONNECTIVITY TO THE NETWORK WILL FAILING. WHAT ERROR HAS BEEN MADE IN THE STATIC ROUTE CONFIGURATION?



THE NETWORK PREFIX IS INCORRECT.
THE DESTINATION NETWORK IS INCORRECT.

THE INTERFACE IS INCORRECT. *

THE NEXT HOP ADDRESS IS INCORRECT.

8 WHICH STATEMENT DESCRIBES A ROUTE THAT HAS BEEN LEARNED DYNAMICALLY?

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It is automatically updated and maintained by routing protocols. *

It is unaffected by changes in the topology of the network.

an administrative distance of 1.

17 identified by the prefix C in the routing table.

COMPARED WITH DYNAMIC ROUTES, WHAT ARE TWO ADVANTAGES OF USING STATIC ROUTES ON A ROUTER? (CHOOSE TWO.)

Improve network security. *

Use fewer router resources. *

Improve the efficiency of discovering neighboring networks.

Take less time to converge when the network topology changes.

Automatically switch the path to the destination network when the topology changes.

TO ENABLE RIP ROUTING FOR A SPECIFIC SUBNET, THE CONFIGURATION COMMAND NETWORK 172.16.64.32 WAS ENTERED BY THE NETWORK ADMINISTRATOR. WHAT ADDRESS, IF ANY, APPEARS IN THE RUNNING CONFIGURATION FILE TO IDENTIFY THIS WORK?

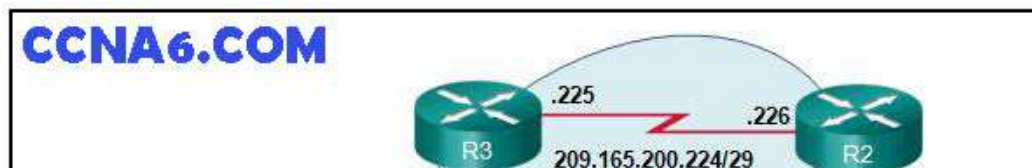
5.64.32

172.16.64.0

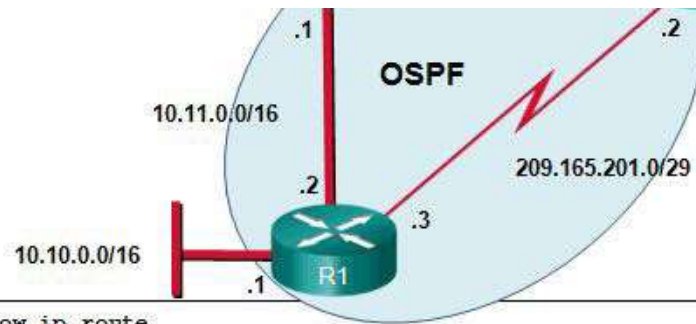
2.16.0.0 *

No address is displayed.

11 REFER TO THE EXHIBIT. WHAT IS THE ADMINISTRATIVE DISTANCE VALUE THAT INDICATES THE ROUTE FOR R2 TO REACH THE 10.10.0.0/16 NETWORK?



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R2# show ip route

```
<output omitted>
10.0.0.0/16 is subnetted, 2 subnets
S 10.10.0.0 [1/0] via 209.165.201.3
D 10.11.0.0 [110/782] via 209.165.201.3, 00:02:54, Serial0/0/0
  [110/782] via 209.165.200.225, 00:02:37, Serial0/0/1
<output omitted>
```

WHICH ROUTE WILL A ROUTER USE TO FORWARD AN IPV4 PACKET AFTER MINING ITS ROUTING TABLE FOR THE BEST MATCH WITH THE DESTINATION ADDRESS?

- | 1 child route
- | 1 parent route
- | **1 ultimate route***

a level 2 supernet route

13 WHICH TWO FACTORS ARE IMPORTANT WHEN DECIDING WHICH INTERIOR GATEWAY ROUTING PROTOCOL TO USE? (CHOOSE TWO.)

scalability*

ISP selection

speed of convergence*

the autonomous system that is used
campus backbone architecture



14 EMPLOYEES OF A COMPANY CONNECT THEIR WIRELESS LAPTOP COMPUTERS TO THE ENTERPRISE LAN VIA WIRELESS ACCESS POINTS THAT ARE CABLED TO THE ETHERNET PORTS OF SWITCHES. AT WHICH LAYER OF THE THREE-LAYER HIERARCHICAL NETWORK DESIGN MODEL DO THESE SWITCHES OPERATE?

17 DISTRIBUTION

A LINK

17 SICAL

ESS*

E

/HICH NETWORK DESIGN MAY BE RECOMMENDED FOR A SMALL CAMPUS SITE T CONSISTS OF A SINGLE BUILDING WITH A FEW USERS?

work design where the access and core layers are collapsed into a single layer

collapsed core network design*

three-tier campus network design where the access, distribution, and core are all separate layers, each one with very specific functions

work design where the access and distribution layers are collapsed into a single layer

/HICH INFORMATION DOES A SWITCH USE TO KEEP THE MAC ADDRESS TABLE INFORMATION CURRENT?

destination MAC address and the incoming port

the destination MAC address and the outgoing port

the source and destination MAC addresses and the incoming port

the source and destination MAC addresses and the outgoing port

the source MAC address and the incoming port*

the source MAC address and the outgoing port

17 WHICH ADVANTAGE DOES THE STORE-AND-FORWARD SWITCHING METHOD HAVE COMPARED WITH THE CUT-THROUGH SWITCHING METHOD?

collision detecting

frame error checking*

faster frame forwarding

frame forwarding using IPv4 Layer 3 and 4 information

18 WHICH CHARACTERISTIC DESCRIBES CUT-THROUGH SWITCHING?

Error-free fragments are forwarded, so switching occurs with lower latency.

Frames are forwarded without any error checking.*

Outgoing frames are checked for errors.

17 Switching is used to support different Ethernet speeds.

19 WHAT IS A RESULT OF CONNECTING TWO OR MORE SWITCHES TOGETHER?

Number of broadcast domains is increased.

Size of the broadcast domain is increased.*

Number of collision domains is reduced.

Size of the collision domain is increased.

20 IN WHAT SITUATION WOULD A LAYER 2 SWITCH HAVE AN IP ADDRESS CONFIGURED?

the Layer 2 switch needs to forward user traffic to another device

the Layer 2 switch is the default gateway of user traffic

the Layer 2 switch needs to be remotely managed*

the Layer 2 switch is using a routed port

21 A NETWORK ADMINISTRATOR IS CONFIGURING A NEW CISCO SWITCH FOR REMOTE MANAGEMENT ACCESS. WHICH THREE ITEMS MUST BE CONFIGURED ON THE SWITCH FOR THE TASK? (CHOOSE THREE.)

IP address*

VTP domain

vty lines*

default VLAN

default gateway *

loopback address

22 AS PART OF THE NEW SECURITY POLICY, ALL SWITCHES ON THE NETWORK ARE

CONFIGURED TO AUTOMATICALLY LEARN MAC ADDRESSES FOR EACH PORT. ALL RUNNING CONFIGURATIONS ARE SAVED AT THE START AND CLOSE OF EVERY BUSINESS DAY. A SEVERE THUNDERSTORM CAUSES AN EXTENDED POWER OUTAGE SEVERAL HOURS AFTER THE CLOSE OF BUSINESS. WHEN THE SWITCHES ARE BROUGHT BACK ONLINE, THE DYNAMICALLY LEARNED MAC ADDRESSES ARE RETAINED. WHICH PORT SECURITY CONFIGURATION ENABLED THIS?

- 17
- secure MAC addresses
 - dynamic secure MAC addresses
 - secure MAC addresses
 - secure MAC addresses***

A NETWORK ADMINISTRATOR IS CONFIGURING PORT SECURITY ON A CISCO SWITCH. WHEN A VIOLATION OCCURS, WHICH VIOLATION MODE THAT IS CONFIGURED ON AN INTERFACE WILL CAUSE PACKETS WITH AN UNKNOWN SOURCE ADDRESS TO BE DROPPED WITH NO NOTIFICATION SENT?

- protect
- protect ***
- shutdown

WHICH COMMANDS ARE USED TO RE-ENABLE A PORT THAT HAS BEEN DISABLED AS A RESULT OF A PORT SECURITY VIOLATION?

- shutdown
- no shutdown***

shutdown
no switchport port-security

shutdown
no switchport port-security violation shutdown

shutdown
no switchport port-security maximum

25 WHICH TWO CHARACTERISTICS DESCRIBE THE NATIVE VLAN? (CHOOSE TWO.)

Designed to carry traffic that is generated by users, this type of VLAN is also known as the default VLAN.

The native VLAN traffic will be untagged across the trunk link.*

This VLAN is necessary for remote management of a switch.

High priority traffic, such as voice traffic, uses the native VLAN.

native VLAN provides a common identifier to both ends of a trunk.*

WHICH TYPE OF TRAFFIC IS DESIGNED FOR A NATIVE VLAN?

generated

dedicated

generated *

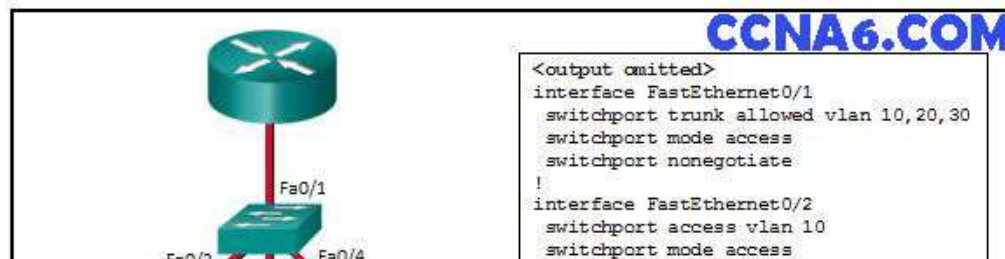
management

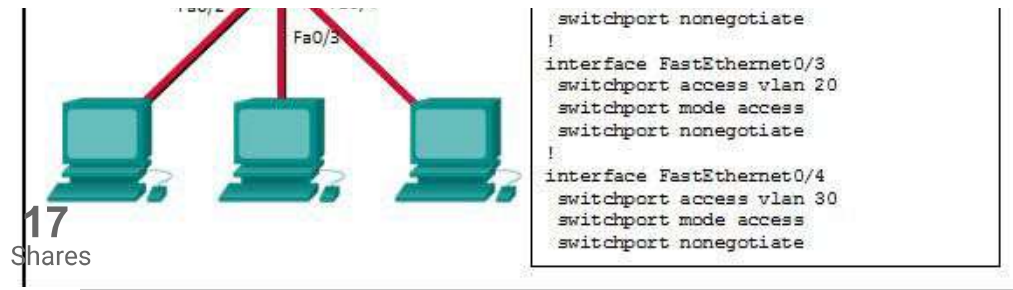
AN ADMINISTRATOR IS TRYING TO REMOVE CONFIGURATIONS FROM A SWITCH. AFTER USING THE COMMAND ERASE STARTUP-CONFIG AND RELOADING THE SWITCH, THE ADMINISTRATOR FINDS THAT VLANS 10 AND 100 STILL EXIST ON THE SWITCH. WHERE WERE THESE VLANS NOT REMOVED?

- VLANs are default VLANs that cannot be removed.
- VLANs cannot be deleted unless the switch is in VTP client mode.
- VLANs can only be removed from the switch by using the no vlan 10 and no vlan 100 commands.

Use these VLANs are stored in a file that is called vlan.dat that is located in flash memory, this file must be manually deleted.*

28 REFER TO THE EXHIBIT. INTER-VLAN COMMUNICATION BETWEEN VLAN 10, VLAN 20, AND VLAN 30 IS NOT SUCCESSFUL. WHAT IS THE PROBLEM?





17 Access interfaces do not have IP addresses and each should be configured with an IP address.

Switch interface FastEthernet0/1 is configured as an access interface and should be configured as a trunk interface.*

Switch interface FastEthernet0/1 is configured to not negotiate and should be configured to negotiate.

Switch interfaces FastEthernet0/2, FastEthernet0/3, and FastEthernet0/4 are configured to not negotiate and should be configured to negotiate.

**A NETWORK ADMINISTRATOR IS CONFIGURING AN ACL WITH THE COMMAND
ACCESS-LIST 10 PERMIT 172.16.32.0 0.0.15.255. WHICH IPV4 ADDRESS MATCHES THE
?**

5.20.2

5.26.254

6.36.255*

5.48.5

**THE COMPUTERS USED BY THE NETWORK ADMINISTRATORS FOR A SCHOOL ARE
ON THE 10.7.0.0/27 NETWORK. WHICH TWO COMMANDS ARE NEEDED AT A MINIMUM
TO APPLY AN ACL THAT WILL ENSURE THAT ONLY DEVICES THAT ARE USED BY THE
NETWORK ADMINISTRATORS WILL BE ALLOWED TELNET ACCESS TO THE ROUTERS?
(CHOOSE TWO.)**

access-class 5 in*

access-list 5 deny any

access-list standard VTY
permit 10.7.0.0 0.0.0.127

access-list 5 permit 10.7.0.0 0.0.0.31*

ip access-group 5 out

ip access-group 5 in

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17 A NETWORK ENGINEER HAS CREATED A STANDARD ACL TO CONTROL SSH ACCESS TO A ROUTER. WHICH COMMAND WILL APPLY THE ACL TO THE VTY LINES?

s-group 11 in

s-class 11 in*

s-list 11 in

s-list 110 in

WHICH SET OF COMMANDS WILL CONFIGURE A ROUTER AS A DHCP SERVER THAT WILL ASSIGN IPV4 ADDRESSES TO THE 192.168.100.0/23 LAN WHILE RESERVING THE FIRST 10 AND THE LAST ADDRESSES FOR STATIC ASSIGNMENT?

p excluded-address 192.168.100.1 192.168.100.10

p excluded-address 192.168.100.254

p pool LAN-POOL-100

rk 192.168.100.0 255.255.255.0

ault-gateway 192.168.100.1

p excluded-address 192.168.100.1 192.168.100.10

ip uncp excluded-address 192.168.101.254

., dhcp pool LAN-POOL-100

network 192.168.100.0 255.255.254.0

default-router 192.168.100.1****





dhcp pool LAN-POOL-100

ip dhcp excluded-address 192.168.100.1 192.168.100.9

ip dhcp excluded-address 192.168.100.254

network 192.168.100.0 255.255.254.0

default-router 192.168.101.1

17

p excluded-address 192.168.100.1 192.168.100.9

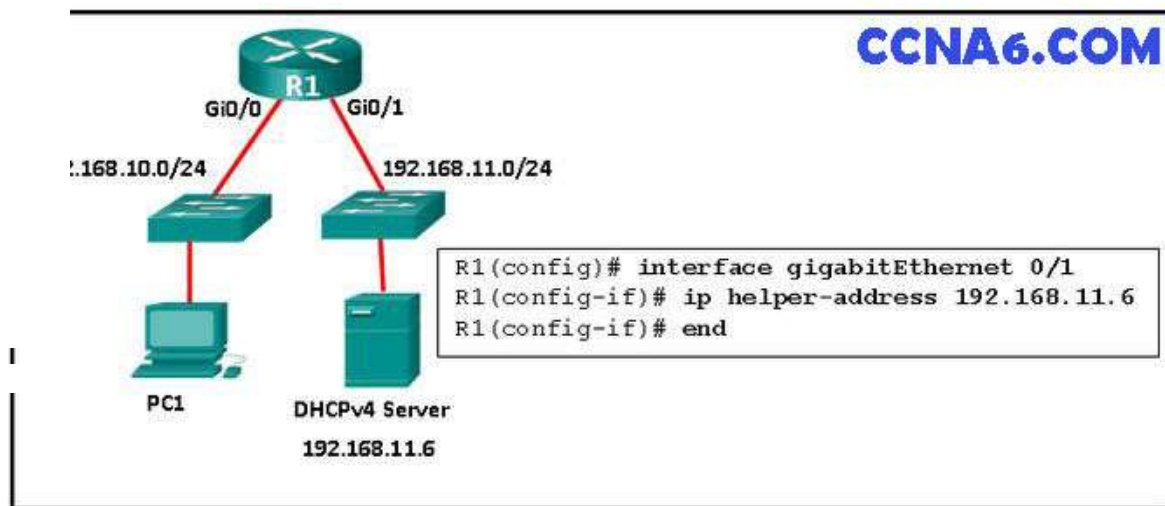
p excluded-address 192.168.101.254

p pool LAN-POOL-100

work 192.168.100.0 255.255.254.0

ault-gateway 192.168.100.1

REFER TO THE EXHIBIT. R1 HAS BEEN CONFIGURED AS SHOWN. HOWEVER, PC1 IS ABLE TO RECEIVE AN IPV4 ADDRESS. WHAT IS THE PROBLEM?



A DHCP server must be installed on the same LAN as the host that is receiving the IP address.

R1 is not configured as a DHCPv4 server.

The ip address dhcp command was not issued on the interface Gi0/1.

The ip helper-address command was applied on the wrong interface.*

34 WHAT IS USED IN THE EUI-64 PROCESS TO CREATE AN IPV6 INTERFACE ID ON AN

IPV6 ENABLED INTERFACE?

the MAC address of the IPv6 enabled interface*

a randomly generated 64-bit hexadecimal address

an IPv6 address that is provided by a DHCPv6 server

an IPv4 address that is configured on the interface

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REFER TO THE EXHIBIT. WHICH STATEMENT SHOWN IN THE OUTPUT ALLOWS
TER R1 TO RESPOND TO STATELESS DHCPV6 REQUESTS?

```
show running-config
Output omitted>
#6 unicast-routing

#6 dhcp pool LAN1
  prefix-delegation 2001:DB8:8::/48 00030001000E84244E70
  s-server 2001:DB8:8::8
  main-name cisco.com

interface FastEthernet0/0
  ip address
  v6 address 2001:DB8:8::100/48
  v6 nd other-config-flag
  v6 dhcp server LAN1
```

unicast-routing

server 2001:DB8:8::8

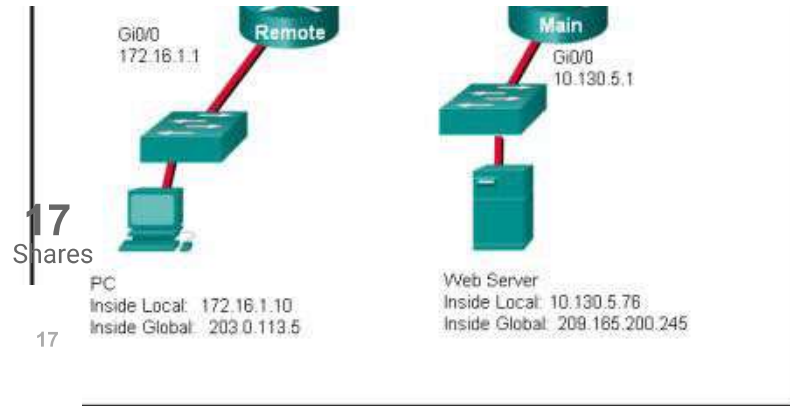
dhcp server LAN1

d other-config-flag*

prefix-delegation 2001:DB8:8::/48 00030001000E84244E70

REFER TO THE EXHIBIT. NAT IS CONFIGURED ON REMOTE AND MAIN. THE PC IS
SENDING A REQUEST TO THE WEB SERVER. WHAT IPV4 ADDRESS IS THE SOURCE IP
ADDRESS IN THE PACKET BETWEEN MAIN AND THE WEB SERVER?





0.5.76
 55.200.245
.113.5 *
 5.1.10
 2.1
 55.200.226

WHICH TYPE OF TRAFFIC WOULD MOST LIKELY HAVE PROBLEMS WHEN PASSING THROUGH A NAT DEVICE?

*

A SMALL COMPANY HAS A WEB SERVER IN THE OFFICE THAT IS ACCESSIBLE FROM THE INTERNET. THE IP ADDRESS 192.168.10.15 IS ASSIGNED TO THE WEB SERVER. THE NETWORK ADMINISTRATOR IS CONFIGURING THE ROUTER SO THAT EXTERNAL CLIENTS CAN ACCESS THE WEB SERVER OVER THE INTERNET. WHICH ITEM IS REQUIRED IN THE NAT CONFIGURATION?

an IPv4 address pool
 an ACL to identify the local IPv4 address of the web server
 the keyword overload for the ip nat inside source command
the ip nat inside source command to link the inside local and inside global addresses*

39 WHICH CONFIGURATION WOULD BE APPROPRIATE FOR A SMALL BUSINESS THAT HAS THE PUBLIC IP ADDRESS OF 209.165.200.225/30 ASSIGNED TO THE EXTERNAL INTERFACE ON THE ROUTER THAT CONNECTS TO THE INTERNET?

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access-list 1 permit 10.0.0.0 0.255.255.255

ip nat inside source list 1 interface serial 0/0/0 overload***

17

s-list 1 permit 10.0.0.0 0.255.255.255

pool comp 192.168.2.1 192.168.2.8 netmask 255.255.255.240

inside source list 1 pool comp



s-list 1 permit 10.0.0.0 0.255.255.255

pool comp 192.168.2.1 192.168.2.8 netmask 255.255.255.240

inside source list 1 pool comp overload

s-list 1 permit 10.0.0.0 0.255.255.255

ip nat pool comp 192.168.2.1 192.168.2.8 netmask 255.255.255.240

ip nat inside source list 1 pool comp overload

ip nat inside source static 10.0.0.5 209.165.200.225

40 WHAT BENEFIT DOES NAT64 PROVIDE?

It allows sites to use private IPv6 addresses and translates them to global IPv6 addresses.

It allows sites to connect multiple IPv4 hosts to the Internet via the use of a single public IPv4 address.

It allows sites to connect IPv6 hosts to an IPv4 network by translating the IPv6 addresses to IPv4 addresses. *

It allows sites to use private IPv4 addresses, and thus hides the internal addressing structure from hosts on public IPv4 networks.



41 REFER TO THE EXHIBIT. A PC AT ADDRESS 10.1.1.45 IS UNABLE TO ACCESS THE INTERNET. WHAT IS THE MOST LIKELY CAUSE OF THE PROBLEM?

```

R1# show ip nat statistics
Total active translations: 4 (0 static, 4 dynamic; 2 extended)
Expired translations: 33, occurred 00:00:46 ago
Outside interfaces:
  FastEthernet0/1
Inside interfaces:
  FastEthernet0/0
Hits: 42 Misses: 0
Translated packets: 42, CEF Punted packets: 0
Expired translations: 0
Dynamic mappings:
  Inside Source
    [1] access-list 1 pool NATPOOL refcount 4
    pool NATPOOL: netmask 255.255.255.224
      start 209.165.201.10 end 209.165.201.11
      type generic, total addresses 2, allocated 2 (100%), misses 0

R1# show ip nat translations

```

Inside global	Inside local	Outside local	Outside global
p 209.165.201.10:6	10.1.1.33:6	209.165.200.226:6	209.165.200.226:6
209.165.201.10	10.1.1.33	---	---
p 209.165.201.11:3	10.1.1.123:3	209.165.200.226:3	209.165.200.226:3
209.165.201.11	10.1.1.123	---	---

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AT pool has been exhausted. *

Wrong netmask was used on the NAT pool.

Access-list 1 has not been configured properly.

Inside and outside interfaces have been configured backwards.

42 A NETWORK ENGINEER IS INTERESTED IN OBTAINING SPECIFIC INFORMATION RELEVANT TO THE OPERATION OF BOTH DISTRIBUTION AND ACCESS LAYER CISCO DEVICES. WHICH COMMAND PROVIDES COMMON INFORMATION RELEVANT TO BOTH TYPES OF DEVICES?

show ip protocols

show ip interface

show cdp neighbors*

show port-security

show mac-address-table

43 WHICH TWO STATEMENTS ARE CORRECT IF A CONFIGURED NTP MASTER ON A NETWORK CANNOT REACH ANY CLOCK WITH A LOWER STRATUM NUMBER? (CHOOSE TWO.)

17 The NTP master will claim to be synchronized at the configured stratum number.*

The NTP master will be the clock with 1 as its stratum number.

17 The NTP server with a higher stratum number will become the master.

systems will be willing to synchronize to that master using NTP.*

The NTP master will lower its stratum number.

44 A NETWORK ADMINISTRATOR IS VERIFYING A CONFIGURATION THAT INVOLVES WORK MONITORING. WHAT IS THE PURPOSE OF THE GLOBAL CONFIGURATION COMMAND LOGGING TRAP 4?

Only messages will be forwarded to the number following the logging trap argument.

Only messages that exist in levels 4-7 must be forwarded to a specific logging server.

Only messages that match logging levels 0-4 will be forwarded to a specified logging device.*

Only messages will be forwarded using a SNMP version that matches the argument that follows the logging trap command.

45 REFER TO THE EXHIBIT. AN ADMINISTRATOR IS EXAMINING THE MESSAGE IN A LOG SERVER. WHAT CAN BE DETERMINED FROM THE MESSAGE?

```
Nov 30 11:00:24 EST: %SYS-5-CONFIG_I: Configured from console by vty0 (10.64.2.2)
```

This is a notification message for a normal but significant condition.*

This is an alert message for which immediate action is needed.

This is an error message for which warning conditions exist.

This is an error message that indicates the system is unusable.

46 WHAT IS INDICATED BY THE M IN THE CISCO IOS IMAGE NAME C1900-

40 WHAT IS INDICATED BY THE MIN IN THE CISCO IOS IMAGE NAME C1900-

UNIVERSALK9-MZ.SPA.153-3.M.BIN?

a maintenance deployment release

a minor release

a mainline release

an extended maintenance release*

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- 17 REFER TO THE EXHIBIT. A NETWORK ENGINEER IS PREPARING TO UPGRADE THE IOS TEM IMAGE ON A CISCO 2901 ROUTER. BASED ON THE OUTPUT SHOWN, HOW MUCH SPACE IS AVAILABLE FOR THE NEW IMAGE?

```
Router# show flash:

System flash directory:
File Length Name/status
  3 33591768 c1900-universalk9-mz.SPA.151-4.M4.bin
  2 28282 sigdef-category.xml
  1 227537 sigdef-default.xml
3847587 bytes used, 221896413 available, 255744000 total]
3856K bytes of processor board System flash (Read/Write)
```


1400 bytes

16000 bytes

16413 bytes*

768 bytes

48 REFER TO THE EXHIBIT. BASED ON THE EXHIBITED CONFIGURATION AND OUTPUT, WHY IS VLAN 99 MISSING?



```
Sw1(config)# interface vlan 99
Sw1(config-if)# ip address 192.168.99.3 255.255.255.0
Sw1(config-if)# no shutdown

Sw1# show vlan brief
VLAN Name      Status    Ports
-----
1    default    active    Fa0/1, Fa0/2, Fa0/3, Fa0/4
```

```

1002 fddi-default          active
1003 token-ring-default     active
1004 fddinet-default        active
1005 trnet-default          active

Fa0/5, Fa0/6, Fa0/7, Fa0/8
Fa0/9, Fa0/10, Fa0/11, Fa0/12
Fa0/13, Fa0/14, Fa0/15, Fa0/16
Fa0/17, Fa0/18, Fa0/19, Fa0/20
Fa0/21, Fa0/22, Fa0/23, Fa0/24
Gig0/1, Gig0/2

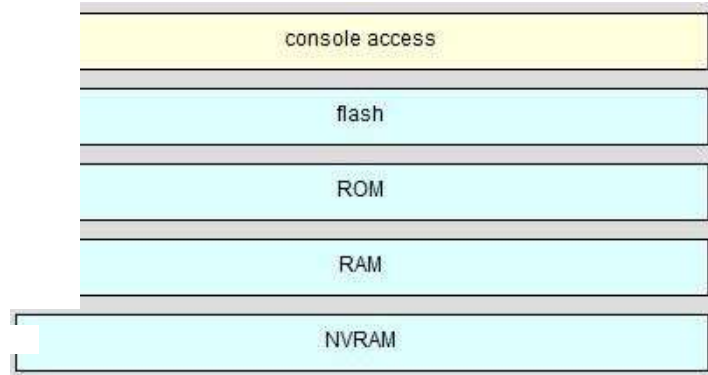
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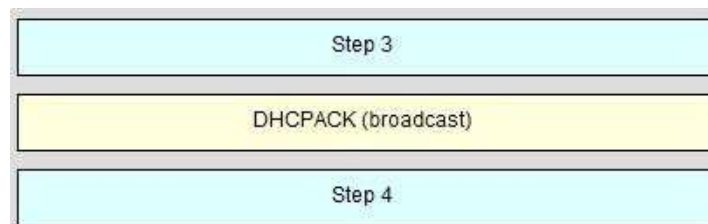
CCNA6.COM

- 17
- se there is a cabling problem on VLAN 99
 - se VLAN 99 is not a valid management VLAN
 - se VLAN 1 is up and there can only be one management VLAN on the switch
 - se VLAN 99 needs to be entered as a VLAN under an interface before it can become an active interface
 - se the VLAN 99 has not been manually entered into the VLAN database with the vlan 99 command***

WATCH THE ROUTER MEMORY TYPE THAT PROVIDES THE PRIMARY STORAGE FOR ROUTER FEATURE. (NOT ALL OPTIONS ARE USED.)



50 ORDER THE DHCP PROCESS STEPS. (NOT ALL OPTIONS ARE USED.)



Step 2

Step 1

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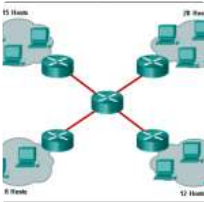
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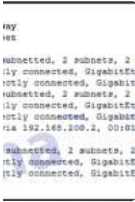
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ANSWERS 2018

13 February, 2017 0



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ANSWERS 2018

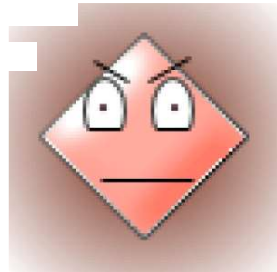
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9 March, 2017 0

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