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update="http://si.info.apple.com/updates/MacintoshGuide\_s...

# QUESTIONS AND ANSWERS

## PRACTICE EXAMINATION

```
// end month (zero-based)
// end day of week in month
// end day of week (one-based, 1 = 1)
// end time*
// * in units of 0.1 hours, so 35 = 3.5 hours.
// Some time zones do not observe Daylight Savings Time. For those,
// the last 8 elements are zero.
// Example:
// [-80, "PST", 3, 1, 1, 20, 9, -1, 1, 20]
```

```
MCLK_Color=10
MCLK_Gray=22
ITA_Color=9
ITA_Gray=9
```

```
[ "America/Los_Angeles", "Pacific Standard Time", "PST",
  "Pacific Daylight Time", "PDT", "San Francisco" ],
[ "America/Denver", "Mountain Standard Time", "MST",
  "Mountain Daylight Time", "MDT", "Denver" ],
[ "America/Phoenix", "Mountain Standard Time", "MST",
  "Mountain Standard Time", "MST", "Phoenix" ],
[ "America/Chicago", "Central Standard Time", "CST",
  "Central Daylight Time", "CDT", "Chicago" ],
[ "America/New_York", "Eastern Standard Time", "EST",
  "Eastern Daylight Time", "EDT", "New York" ],
[ "America/Indianapolis", "Eastern Standard Time", "EST",
  "Eastern Standard Time", "EST", "Indianapolis" ],
[ "Pacific/Honolulu", "Hawaii Standard Time", "HST",
  "Hawaii Standard Time", "HST", "Honolulu" ],
[ "America/Anchorage", "Alaska Standard Time", "AKST",
```

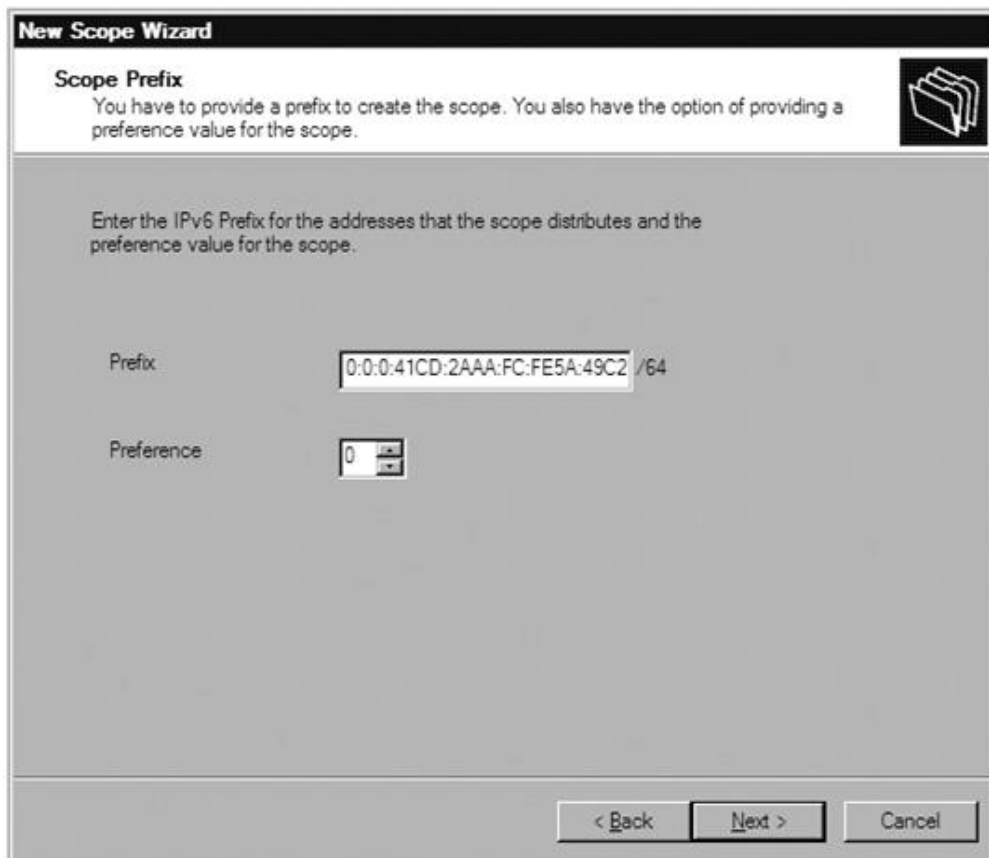
PREPARE WITH CONFIDENCE

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**QUESTION NO 1**

You are an enterprise administrator for NorthWind.com. The NorthWind runs Windows Server 2008 on all the servers on the network.

The NorthWind network contains a Windows Server 2008 DHCP Server role. You open the server role and view the scope settings of a user. The diagram below displays the scope settings:



Determine the statements that are true based on the data displayed in the diagram? (Choose all that apply.)

- A. The Prefix Value in the diagram is too long. It should contain fewer digits.
- B. The Preference Value in the diagram is incorrect. You need to set it to 1 for all addresses that make use of the /64 option.
- C. The Prefix Value as well as the Preference Value in the diagram is correct.
- D. The Prefix Value in the diagram is incorrect. The value cannot start with 0:0:0:.

Answer: A,D

Explanation:

The Prefix Value should contain the prefix for the addresses the scope distributes. /64 signify that

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64 bits are used for the network address. In IPv6 every number will represent 16. /64 will signify that the prefix has to be 4 digits.

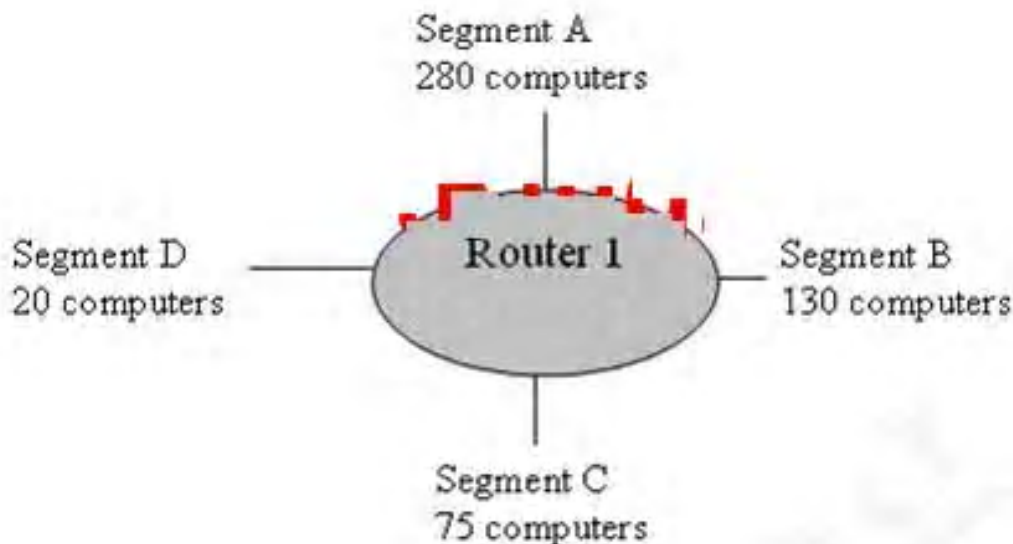
Incorrect Answers:

B: You are able to set the Preference Value to 0. The Preference Value identifies the preferred order in which the addresses will be distributed to the host. A 0 Preference will be handed out prior to the Preference 1 address.

C: The Prefix Value is incorrect. Reference: Syngress - The Real MCTS-MCITP 70-649 Prep Kit - Independent and Complete Self-Paced Solutions

### QUESTION NO 2

You work as the enterprise administrator at NorthWind.com. The NorthWind.com network consists of a single Active Directory domain named NorthWind.com. NorthWind.com currently has their headquarters located in Miami. The NorthWind.com network servers run Microsoft Windows Server 2008 and the client computers run Microsoft Windows Vista. During the course of the day NorthWind.com designed the plans for a public network which uses the IPv4 range 131.107.40.0/22 as shown below:



NorthWind.com wants you to configure subnets for the segments of the public network to support computers in all segments.

What should you do?

A. You should consider assigning the network ranges as shown below:

Segment A: 131.107.40.0/25

Segment B: 131.107.42.128/26

Segment C: 131.107.45.192/27

Segment D: 131.107.45.224/30

B. You should consider assigning the network ranges as shown below:

Segment A: 131.107.40.128/23

Segment B: 131.107.45.0/24

Segment C: 131.107.46.0/25

Segment D: 131.107.46.128/27

C. You should consider assigning the network ranges as shown below:

Segment A: 131.107.40.0/23

Segment B: 131.107.44.0/24

Segment C: 131.107.45.0/25

Segment D: 131.107.45.128/27

D. You should consider assigning the network ranges as shown below:

Segment A: 131.107.40.0/23

Segment B: 131.107.44.0/24

Segment C: 131.107.45.128/25

Segment D: 131.107.45.0/27

Answer: C

Explanation:

To ensure that your solution must support all computers in each segment, you need to configure Segment A: 131.107.40.0/23, Segment B: 131.107.42.0/24, Segment C: 131.107.43.0/25, Segment D: 131.107.43.128/27

Segment A: 131.107.40.0/23 can have 512 computer covering 300 computers. Segment B: 131.107.42.0/24 can have 254 computers covering 125 computers Segment C: 131.107.43.0/25 can have 192 covering 100 computers Segment D: 131.107.43.128/27 can have 32 computers covering 15 nodes

The sum of above subnets gives the required number of computers in the subnet.

Reference : Subnetwork <http://en.wikipedia.org/wiki/Subnetwork>

### QUESTION NO 3

You are employed as the network administrator at NorthWind.com. The NorthWind.com network consists of a single Active Directory forest. All the servers on the network are configured to run Windows Server 2008 and all the domain controllers run the DNS server role.

NorthWind.com has its headquarters in London and branch offices in Paris, Berlin, Madrid and Athens. You receive an instruction from the CIO to decommission the WINS service. To ensure productivity throughout the forest you need to enable forest-wide single name resolution.

What should you do?

A. This can be accomplished by creating a LegacyWINS zone.

Thereafter host (A) records should be created for single name resolution in a stub zone.

B. This can be accomplished by creating a CKGlobalNames zone. Thereafter host (A) records

should be created for single name resolution.

C. This can be accomplished by creating Service Locator (SRV) records for the single name

resolution.

D. This can be accomplished by enabling WINS-R lookup in DNS for single name resolution.

Answer: B

Explanation:

In order to decommission the WINS service and to enable forest-wide single name resolution, you need to create an Active Directory-integrated zone named CKGlobalNames as well as creating host (A) records for the single name resources.

GNZ is intended to aid the retirement of WINS. Windows Server 2008 (WS2K8) introduces the GlobalNames zone (GNZ) where larger environments with multiple DNS suffixes can use a single name host across all domains.

To help customers migrate to DNS for all name resolution, the DNS Server role in Windows Server 2008 supports a special GlobalNames Zone (also known as GNZ) feature. Some customers in particular require the ability to have the static, global records with single-label names that WINS currently provides. These single-label names typically refer to records for important, well-known and widely-used servers for the NorthWind, servers that are already assigned static IP addresses and are currently managed by IT-administrators using WINS. GNZ is designed to enable the resolution of these single-label, static, global names for servers using DNS.

Reference : Understanding GlobalNames Zone in Windows Server 2008

<http://www.petri.co.il/windows-DNS-globalnames-zone.htm>