Exam Report: 5.2.5 Practice Questions

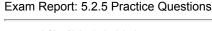Date: 9/25/2019 2:39:07 pm   Candidate: Garsteck, Matthew
Time Spent: 6:09   Login: mGarsteck

Overall Performance

Your Score: 0%

Passing Score: 80%

View results by: ◯ Objective Analysis   ⦿ Individual Responses

---

Individual Responses

▼ **Question 1:**   Incorrect

Which of the following IP address ranges is reserved for automatic private IP addressing?

- ⦿ ~~169.168.0.1 - 169.168.255.255~~
- ◯ 192.168.0.1 - 192.168.254.255
- ◯ 169.192.0.0 - 169.192.254.255
- ◯ 192.168.0.0 - 192.168.255.254
- ➡ ◯ 169.254.0.1 - 169.254.255.254

Explanation

The Internet Assigned Numbers Authority (IANA) has reserved 169.254.0.1 through 169.254.255.254 for automatic private IP addressing (APIPA). APIPA also sets the subnet mask on the network to 255.255.0.0.

References

LabSim for Network Pro, Section 5.2.
[netpro18v5_all_questions_en.exm NP05_2-9 #33]

▼ **Question 2:**   Incorrect

What is the network address and subnet mask used by APIPA? (Select two.)

- ➡ ☑ 169.254.0.0
- ☑ ~~169.255.0.0~~
- ☐ 255.255.255.0
- ☐ 255.0.0.0
- ➡ ☐ 255.255.0.0
- ☐ 169.0.250.0

Explanation

Automatic private IP addressing (APIPA) uses a network address of 169.254.0.0 with the default Class B subnet mask of 255.255.0.0. Host addresses are within the range of 169.254.0.1 and 169.254.255.254.

LabSim for Network Pro, Section 5.2.
[netpro18v5_all_questions_en.exm NP05_2-9 #150]

▼ **Question 3:**   Incorrect

CorpServ is a small company with 14 client systems and a network printer. Because there are only a limited number of networked systems, you decide to use APIPA addressing for the network. With APIPA configured, all systems are able to communicate with each other, but you are having trouble configuring Internet access.

What is the likely cause of the problem?

- ○ The DNS server is unavailable to resolve internet host names.

- ◉ ~~The default gateway is not set on the client systems.~~

➡ ○ Private addresses cannot directly communicate to hosts outside the local subnet.

- ○ All client systems must be rebooted.

- ○ The default gateway is not set on the server.

Explanation

APIPA assigns private addresses designed for use on single-subnet networks that do not use routers. If internet access is required, APIPA cannot be used to provide clients direct access to the internet. APIPA is enabled by default and will assign an address if the DHCP server is unavailable.

APIPA assigns only an IP address and subnet mask. A default gateway and DNS servers are not required to access network resources.

References

LabSim for Network Pro, Section 5.2.
[netpro18v5_all_questions_en.exm NP05_2-9 #52]