Lecture 18 (3/19) Self Test

Due Apr 2 at 5pm   **Points** 1   **Questions** 11
Available Mar 19 at 5pm - Jun 1 at 11:59pm 2 months   **Time Limit** None

Score for this survey: **1** out of 1
Submitted Mar 30 at 6:22pm
This attempt took 1 minute.

Question 1

How often do you actually type in new hostnames (it doesn't count if you could have easily saved/bookmarked it and just didn't)?

○ Every day

ou Answered   ⊙ A couple times a week

○ A few times a month?

○ Hardly ever

Question 2

The lecture mused that human-readability and human-writability aren't especially important aspects of DNS today. What do you think?

○ That's bananas. This is super important and always will be.

ou Answered   ⊙ I'd consider giving it up, but I'm not sure a better option exists.

○ I'd consider giving it up, and I think we could come up with something better!

○ We could get rid of it today and I wouldn't miss it.

Question 3

Do you like your video lectures...

⦿ Viewable in-browser (e.g., youtube or today's box experiment)

○ Downloadable from gdrive is fine

○ Either way is fine

○ Something else

Question 4

According to Murphy, for which "killer app" is DNS clearly the right fit?

○ The web

⦿ Remote terminal

○ File transfer

○ Email

Remote terminal

Question 5

The root DNS servers have how many IP addresses? Pick the closest answer.

○ 10

○ 100

◉ 1000

10 is the best answer. There is one address for each of the 13 roots... but those addresses actually refer to over 1000 machines.

Question 6

The "e" root server is located in Mountain View, California.

○ True

○ False

◉ Sort of

You could probably make an argument for any of these answers! "Sort of" seems good. One instance is in Mountain View, but there are hundreds more all over the world.

Question 7

The DNS root servers utilize...

- ○ Unicast

- ○ Broadcast

- ○ Anycast

- ○ Multicast

ou Answered

- ⦿ Multihoming

Anycast

Question 8

An important part of DNS availability/scalability/performance is...

- ○ Pipelining

ou Answered

- ⦿ Caching

Caching

Question 9

You'd be especially smart to apply DNS caching at (select all that apply):

☑ The host

☑ Resolving DNS servers

☑ Root DNS servers

☑ TLD servers

☑ Leaf servers

☑ Authoritative servers

Host, resolving.

Question 10

Anycast requires changes to your routing protocol.

◉ True

○ False

False

Question 11

By decree, domains are required to have three domain name servers.

○ True

⦿ False

False. Only two.

Survey Score: **1** out of 1