

Quiz(Week 3)

Q1 . If a local name server has no clue about where to find the address for a hostname then

- A. Server asks its adjacent name server
- B. Server asks its root name server
- C. Request is not processed
- D. Server explodes

Q2 . Which of the following is an example of a Top Level Domain?

- A. yoda.jedi.starwars.com
- B. jedi.starwars.com
- C. starwars.com

D. .com

Q3 . A web browser needs to contact www.cse.unsw.edu.au (<http://www.cse.unsw.edu.au/>) . The minimum number of DNS requests sent is:

- A. 0
- B. 1
- C. 2
- D. 3

Q4 . The role of the CDN provider's authoritative DNS name server in a content distribution network basically is:

- A. to provide an alias address for each browser access to the "origin server" of a CDN website
- B. to map the query for each CDN object to the CDN server closest to the requestor (browser)
- C. to provide a mechanism for CDN "origin servers" to provide paths for clients (browsers)
- D. none of the above, CDN networks do not use DNS

Q5 . When web-based email is used, two mail servers communicate with each other using HTTP. True or False?

Q6 . P2P networks must have servers to help new peers find other peers. True or False?

Q7 . P2P networks must maintain trackers to help new peers join the network. True or False?

Q8 . The 'rarest first' is a P2P networking policy to select

- A. the next peer to download chunks from
- B. the next chunk to download
- C. the tracker to query for other peers

D. the file to download

Q9 .The 'rarest first' policy helps

- A. download precious files
- B. download chunks that no other peers have
- C. duplicate chunks in the P2P network so even if a peer disappears, other peers will contain the chunks
- D. remove chunks from the network that are rarely used

Q10 . In BitTorrent, Peer A will never send chunks to Peer B if Peer B is not in Peer A's top 4 list. True or False?

Q11 . In DHT, a hash function converts

- A. an integer to a real number
- B. an a real number to an integer
- C. an integer to a string
- D. a string to an integer

Q12 . Which of the following will help address the 'peer churn' (i.e., a peer disappearing) problem?

- A. each peer knows its two immediate predecessors
- B. each peer knows its two immediate successors
- C. each peer knows its immediate successor and two immediate predecessors
- D. each peer knows its immediate predecessor and two immediate successors

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