

Discussion Section 10

Spring 2014

Problems Chapter 12

Web Document Model

Q: Is e-mail part of the Web's document model?

Ans:

- e-mail is not a part of the Web's document model
- e-mails are handled by e-mail clients (Gmail, Yahoo etc.) integrated into the web browsers

Problems Chapter 12

Simple Access Access Protocol (SOAP)

Q: Does SOAP adhere to RPC semantics?

Ans: No. SOAP has a two way asynchronous message passing model too but it is different from asynchronous RPC in that the clients need not wait, nor does it provide any transparency.

Problems Chapter 12

Client-Server

Q: There are three different techniques for redirecting client to servers: TCP handoff, DNS-based redirection and HTTP-based redirection. What are the main advantages and disadvantages of each technique?

TCP Handoff

- Transparent to clients (wouldn't notice that the connection is being handled by another server)
- Not scalable (works only for web server clusters)

DNS-based redirection

- Transparent, but for an entire websites
- Individual subpages cannot be redirected

HTTP-based redirection

- Finer granularity (redirection per-page basis is allowed)
- Not transparent (the user will know it is being redirected)