

Value of P2P Web vs. Client-Server Web

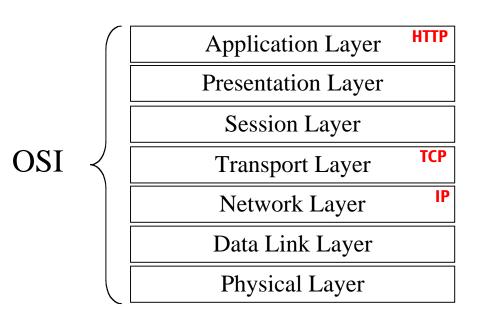
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Traditional Network Architecture

- HTTP can be both P2P & C/S
- C/S is just the most widely deployed architecture



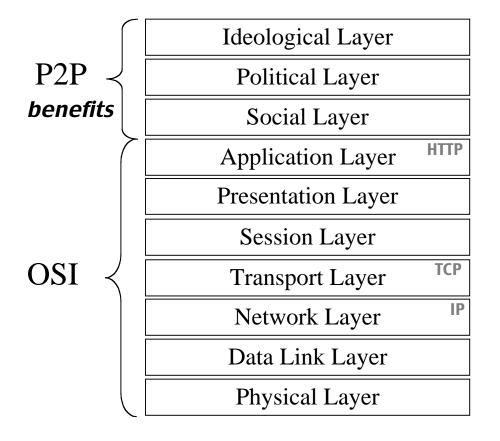
"All people seem to need data programming"

Applications: Web/HTTP, WebDAV, FTP Messages: format, encryption, compression Transactions: X.25, RPC, TCP/IP Segments: WWW TCP/IP connections Packets: routing, sending, unreliable Frames: 802.2, HDLC, SDLC Bits: 802.2, HDLC, SDLC



P2P Network Architecture

• P2P Web succeeds where C/S Web solutions are *socially* unpalatable or *politically* unviable



Philosophy: dissent, institutions Organizations: policies, procedures, processes Groups: teaming, naming, trust boundaries Applications: Web/HTTP, WebDAV, FTP Messages: format, encryption, compression Transactions: X.25, RPC, TCP/IP Segments: WWW TCP/IP connections Packets: routing, sending, unreliable Frames: 802.2, HDLC, SDLC Bits: 802.2, HDLC, SDLC

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