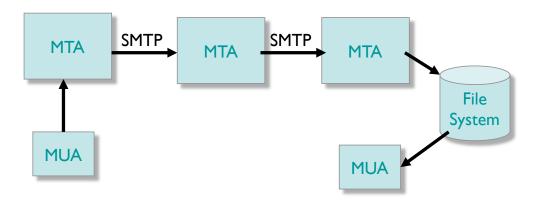
Email

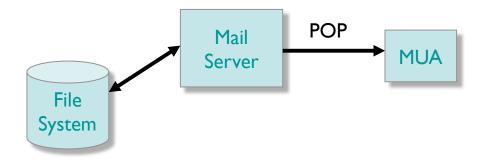


Bowdoin Sean Barker 1

Simple Mail Transfer Protocol (SMTP)

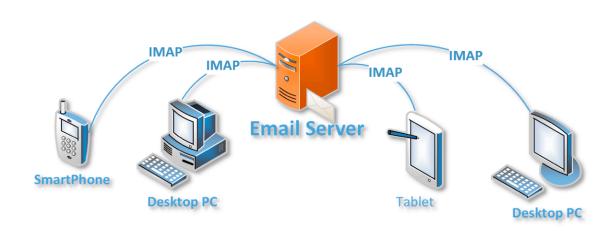


Post Office Protocol (POP)



Bowdoin Sean Barker 3

Internet Message Access Protocol (IMAP)

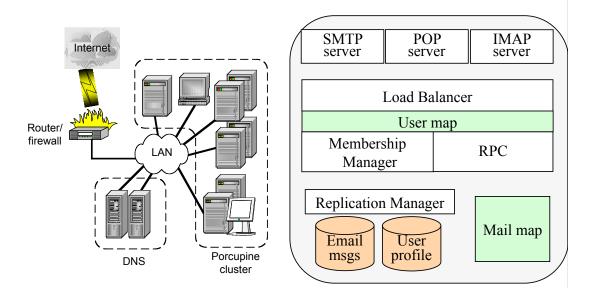


Porcupine

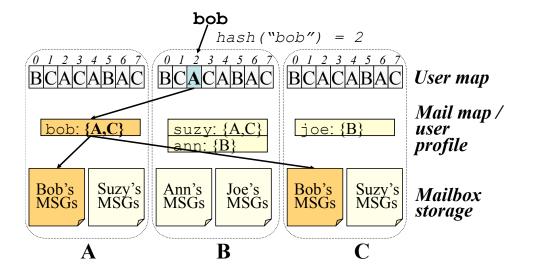


Bowdoin Sean Barker 5

Porcupine Architecture

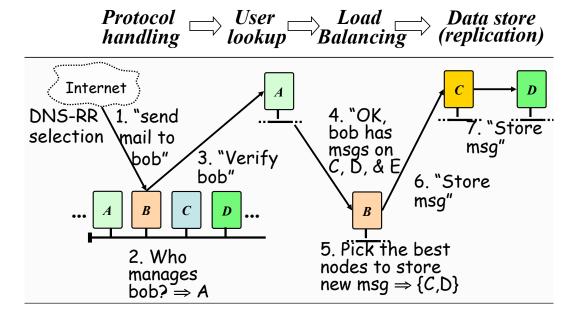


Porcupine Data Structures



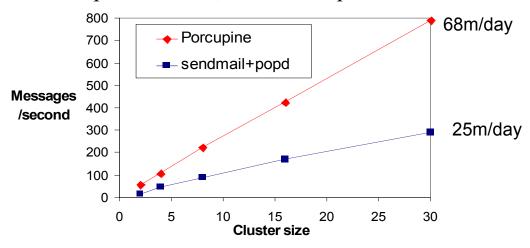
Bowdoin Sean Barker 7

Sending Mail in Porcupine



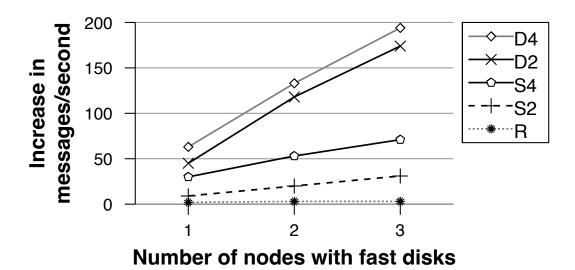
Porcupine Performance

POP performance, no email replication



Bowdoin Sean Barker 9

Porcupine Performance



Bowdoin Sean Barker 10