

# **ELECTRONIC MAIL**

CyberQuince

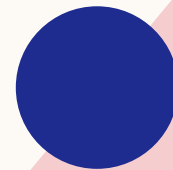
# TOPICS

SMTP

POP3

IMAP

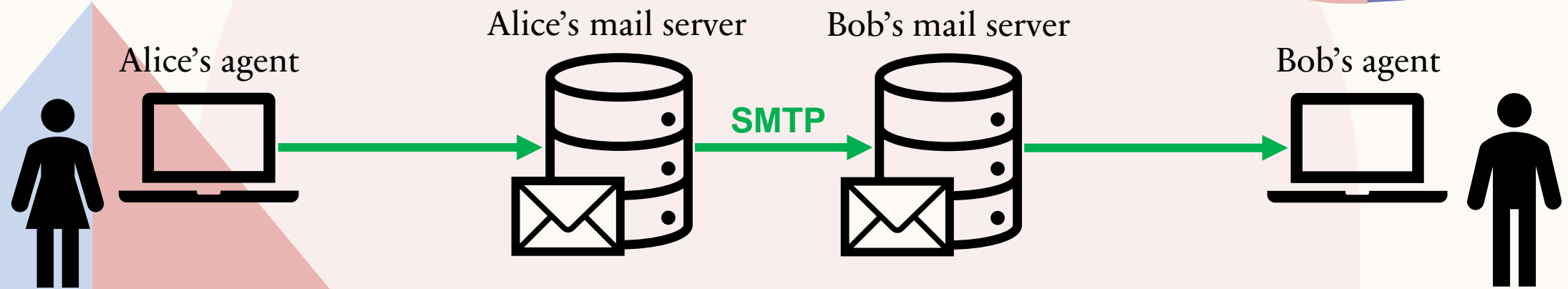
Web mail



# SMTP

SMTP, short for Simple Mail Transfer Protocol, is defined in RFC 5321. SMTP transfers messages from senders' mail servers to the recipients' mail servers.

# SMTP: ALICE AND BOB



# MAIL ACCESS PROTOCOLS



## POP3

- Post Office Protocol—Version 3
- RFC 1939
- Extremely simple (and limited in functionalities)
- Port 110



## IMAP

- Internet Mail Access Protocol
- RFC 3501
- Solves biggest POP3 challenges



## HTTP

- Web-based
- User agent is a web browser
- Mail servers still communicate via SMTP



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