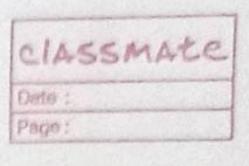


Classmate protocols for travelling from one server to other over internet runich are SM TP (Simple Mail Transfer Protocol), POP (Past Office Protocol), IMAP (Internet Massage Access Protocol) and then the message/mail is received at another terminal by Massage Access Agent (MAA) then the e-mail is further goes to User Styert (UA) which receives it and provides it to end user. Discuss the role of SMTP and POP protocol in Email massage transfer? • SMTP is syrtication layer protocol of TCP/IP model.
• SMTP transfers message from sender's mail servers to recipient mail • SMTP interacts with the local mail system and not the user.

• SMTP uses TCP sockets on port 25 to transfer e-mail reliably from · E-mail is temporarily stored on the local and eventuly transferred directly to receiving server · Mail client application interacts with a local SMTP survey to initiate the delivery of on e-mail message. · There is I are input green and an output green at the interface between the local mail system and the client and the server parts of the SMTP.



Part Office Protocol (POP)-

- · Post Office Protocol is used to transfer email messages from a mail server to mail client software.
- · POP segins when the user agent opens a TCP connection to the mail server on part 110.

In sutherization phase, user syent sends a user name and a password

· In transaction phase, the user agent retrieves messages. In this phase, user ogent can also mark messages for deletion, remove deletion mare.

In update phase, it occurs after the client has issued the quit command, ending the POP session.

POP has two modes: Delete mode and the keep mode.

In the delete mode, mail is deleted from the mailbox after each retrieval.

In the keep mode, the mail remains in the mailbox after retrieval.