



Article Side

SMTP mail server and the SMTP servers form the main part of web communication by [Lee Rio](#)

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Internet or the World Wide Web is a global system of connected networks and computers. The system follows a perfect or a standard protocol based on which the whole system works. You may find internet anywhere you go as day by day the reach is increasing. There are many standard protocols being followed by the World Wide Web. SMTP is a type of protocol which is taken as standard when sending and receiving emails from one network to another. In other words, the standard process or protocol which being followed in communication through emails is SMTP. An SMTP mail server helps to send emails through and fro across different networks in the web. The smtp servers handle your emails when it either goes in or out of your mail box.

When you send an email to a person, the SMTP mail server interacts with your email client server in the start of the sending process. Then your that mail server interacts with the other SMTP servers to send it through to the person at the other end.

When the mail is being sent, the SMTP mail sever talks with the email client at this end and takes the email address of the sender as well as the recipient as well as the body of the whole message. The SMTP servers reads the email addresses into two parts. The SMTP mail server takes one part which is the name of the person and the other part which is the domain name. Since the email has been sent from one domain to a different domain, therefore this type of mail server talks with that domain to carry on the process of email communication. The SMTP servers talk with the domain server or the domain name server to know about the internet protocol address of this mail server at the other end. After the communication the sender SMTP mail server gets the address of the receiver and the email is delivered.

The problem occurs when the communication between the two SMTP servers does not turn out to be successful. The emails which are being sent remain undelivered and form a queue. Almost in most of the computer system the this mail server uses a software program which automatically tries to send the pending emails after a fixed interval of time. This helps the SMTP servers to deliver all the emails to the receiver without the hassle of untimely delivers.

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[Lee Rio](#) - About Author:

Rio Lee, who is a Software Developer write articles on a [smtp mail sever](#) and a [SMTP Servers](#). For more information he suggests to visit a <http://www.mysmtp.eu/>.

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