



د افغانستان اسلامي امارت د لوړو زده کړو وزارت کندهار پوهنتون

کمپیوټر ساینس پوهنځی

د کندهار پوهنتون د کمپیوټر ساینس پوهنځی د دریم کال د محصیلینو راپور



د محصیلینو لېست

نوم	د پلار نوم	عملي کار ورځ
محمد نبي	صادق نبي	۱۴۰۱ - عقرب - ۲۵

## Report Outlines

- Router Configuration
- Switch Configuration
- SMTP Server
- FTP Server
- Sending Mails
- Setting Accounts for Users

## GitHub Repository:

<https://github.com/mnabimd/smpt-ftp-project>

## Report Summary

To kick things off, I'd like to state that this documents describes a network of two entities where they can communicate with each other, send files through the FTP protocol and send e-mails through the SMPT protocol. This topology can be applied into any organization that may consist of two departments or places.

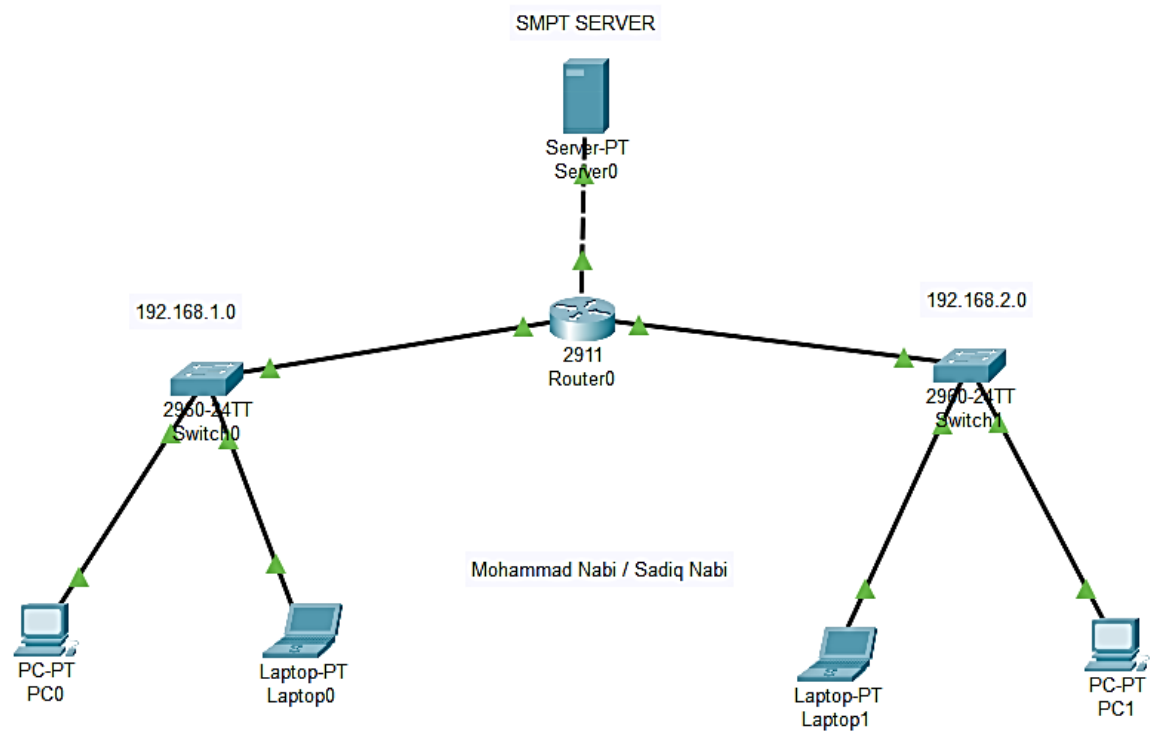
Firstly, I created two network of distinct IPs and brought them together with the help of a router. After that, all the interfaces configurations were established and configured at the main router.

Secondly, I created a central server for this very router. This central server shall serve File Transfer services and Simple Mail Transfer services. To do that, the main router was configured and successfully connected with the central server.

In addition, two user accounts were created for sending and receiving mails through the Simple Mail Transfer services; the same applies for the File Transfer services. Two mails were sent successfully between two nodes at different networks.

Finally, with that being implemented; I gained great experience by setting up multiple networks, creating FTP services and SMPT services.

## Network Topology and Design Preview



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Regards,

Mohammad Nabi