Remote File Transfer In Linux

File Transfer

In Linux for transfer file local to remote and remote to local use following command popularly.

1. scp
2. rsync

scp (Secure Copy)

scp is a command line tool for Linux systems for securely transfer files from local to remote server or vice a versa.

SCP uses SSH protocol for transferring files between two systems which is more secure than ftp

Transfer File Local to Remote Server

For File :

#scp myfile.txt root@172.25.0.10:/mnt/

For Directory :

#scp -r /india root@172.25.0.10:/mnt/

Transfer File Remote Server to Local

For File :

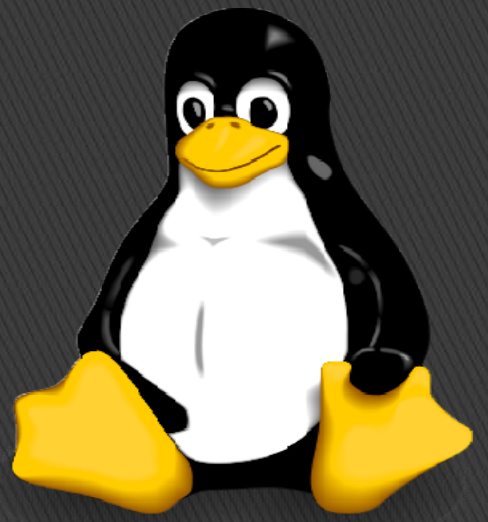
#scp root@172.25.0.10:/mnt/myfile.txt /root/Desktop/

For Directory :

#scp -r root@172.25.0.10:/mnt/india /root/Desktop/

rsync (Remote Sync)

rsync is a most commonly used command
for copying and synchronizing files and directories remotely as well as locally in Linux/Unix systems



Transfer File Local to Remote Server

#rsync -rvh myfile1.txt root@172.25.0.10:/mnt/

Transfer File Remote Server to Local

#rsync -rvh root@172.25.0.10:/mnt/myfile1.txt /root/Desktop/