

Archive & FTP

Archive and Compress Files

tar cvf nsotelo.tar /home/nsotelo	archive all folders in /home/nsotelo
mkdir new	create a directory 'new'
mv nsotelo.tar new	move archive to 'new'
cd new	change to 'new' directory
gzip nsotelo.tar	compress nsotelo.tar
gzip -d nsotelo.tar.gz	uncompress nsotelo.tar.gz
tar xvf nsotelo.tar	extract archive

File Transfer Protocol

remote host:

rpm -qa grep ftp	check if the required package is installed
ping www.google.com	verify internet connection
yum install vsftpd	install the remote package
nano /etc/vsftpd	disable anonymous login uncomment ascii_upload_enable=YES uncomment ascii_download_enable=YES ftpd_banner=Welcome to blah FTP service add to the end of the file "use_localtime=YES" save & exit
systemctl start vsftpd	
systemctl enable vsftpd	
systemctl stop firewalld	
systemctl disable firewalld	

client host:

yum install ftp	install the client package
ftp 192.168.50.105	log in to the remote host via ftp enter username and password of an active user account
bi	switch to binary mode (data integrity)
hash	display progress visually
put filename	transfer a file
bye	exit ftp

Secure Copy Protocol (Better security and authentication)

- Uses Port 22 (same as SSH)

client host:

touch filename	create a file
scp filename jsmith@192.168.50.105:/home/jsmith	securely copy the file to /home/jsmith on remote host enter jsmith password

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