

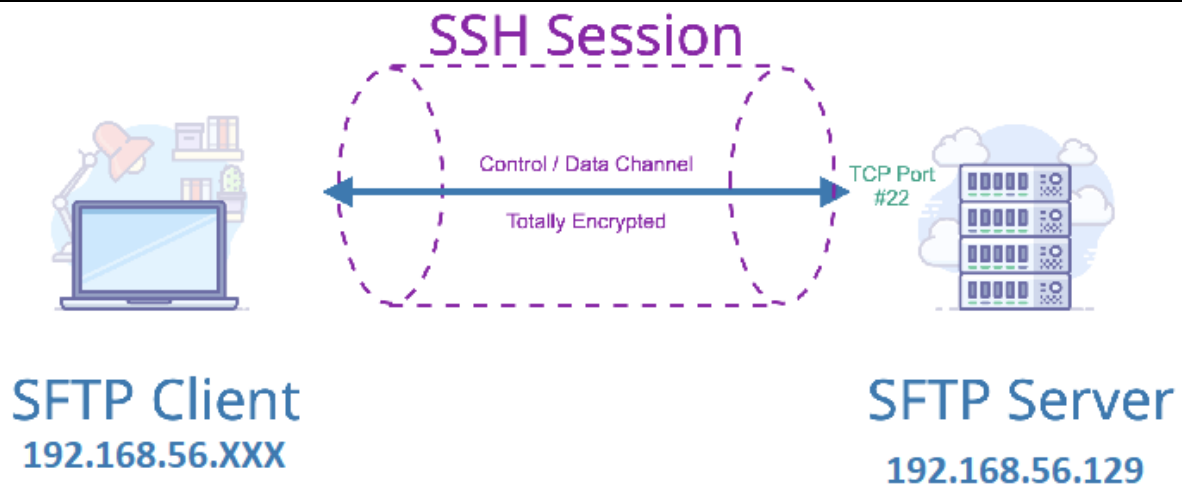


01-30-2021
<https://youtu.be/cEL7MmeOSic>

SFTP- SSH File Transfer Protocol

- Use case for this SFTP - Application team to copy data back and forth
- Clone base image

Directory:
Config file:
Port #:
Package: openssh-server;
Services: sshd;
Protocol: TCP;
Command: yum; systemctl; sftp
URL:



SFTP Server – 192.168.56.129

```
[root@zmpt01 ~]# yum install openssh-server -y
```

```
[root@zmpt01 ~]# systemctl start sshd  
[root@zmpt01 ~]# systemctl enable sshd
```

Add user

```
[root@zmpt01 ~]# id terminator  
uid=1000(terminator) gid=9000(machine) groups=9000(machine),10(wheel)
```



Done with configuration of server																																			
Client: 192.168.56.117																																			
<pre>[root@client01 ~]# which sftp /usr/bin/sftp</pre>																																			
<p>Log in as non-root user</p> <pre>[terminator@client01 ~]\$ sftp terminator@192.168.56.129 The authenticity of host '192.168.56.129 (192.168.56.129)' can't be established. ECDSA key fingerprint is SHA256:e3LN1URGQEPwXaMbDeo+aTYev2cOOWnP3WKmaRG9gRU. ECDSA key fingerprint is MD5:de:11:30:dd:ef:9e:ae:0a:ab:49:16:29:c9:08:36:8f. Are you sure you want to continue connecting (yes/no)? yes Warning: Permanently added '192.168.56.129' (ECDSA) to the list of known hosts. terminator@192.168.56.129's password: Connected to 192.168.56.129. sftp> < --- This is a restricted CLI for user</pre>																																			
SFTP Commands																																			
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lumask umask	Set local umask to 'umask'
mkdir path	Create remote directory
progress	Toggle display of progress meter
put [-afPpRr] local [remote]	Upload file
pwd	Display remote working directory
quit	Quit sftp
rename oldpath newpath	Rename remote file
rm path	Delete remote file
rmdir path	Remove remote directory
symlink oldpath newpath	Symlink remote file
version	Show SFTP version
!command	Execute 'command' in local shell
!	Escape to local shell
?	Synonym for help