

Steps to transfer data files via Gateway to and from Pegasus

To transfer data files via Gateway from Pegasus to the local machine or vice versa, please follow the below steps:

To transfer the files, we need to create an SSH tunnel from the local machine to the cluster. To do so, please follow the below commands,

Run the below commands on Local the Machine,

```
eval "$(ssh-agent -s)"
```

```
ssh-add
```

```
ssh -A -L 1234:192.168.11.250:22 <pegasus-user-name>@202.52.53.6
```

--> Enter Gateway Password

--> User will be logged in to the cluster

After the authentication is successful, you will be logged into the cluster. Run the below command on another terminal on the local machine from where you want to transfer a file.

To copy the file from your local machine to the Pegasus, run the below command:

```
scp -P1234 <path-to-the-local-file> <pegasus-user-name>@localhost:<Pegasus-path-where-you-want-to-copy-file>
```

To copy the file from the Pegasus to your local machine, run the below command:

```
scp -P1234 <pegasus-user-name>@localhost:<path-to-the-file-from-pegasus> .
```

OR

```
scp -P1234 <pegasus-user-name>@localhost:<path-to-the-file-from-pegasus> <path-where-you-want-to-copy-file>
```

Note: You may need to use the below SSH command if you are using Ubuntu-20 or latest MAC OS.

```
"ssh -A -oKexAlgorithms=+diffie-hellman-group1-sha1 -L 1234:192.168.11.250:22 <pegasus-user-name>@202.52.53.6"
```