

Big Data - Software Setup

Software Requirement

- ▶ Use Laptop or Desktop which has Internet/ Wi-fi enabled.
- ▶ You cannot access in HCL network.
- ▶ You can also use your own Personal Laptop to access the environment.

Required Software:

- ▶ Putty
 - ▶ WinScp
-
- ▶ To Install Putty and Winscp doesn't need any admin rights in your laptop

Putty

- ▶ Download putty if not installed from <https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>
- ▶ Under putty.exe (the SSH and Telnet client itself), install 64-bit putty.exe

Alternative binary files

The installer packages above will provide versions of all of these (except PuTTYtel), but you can

(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

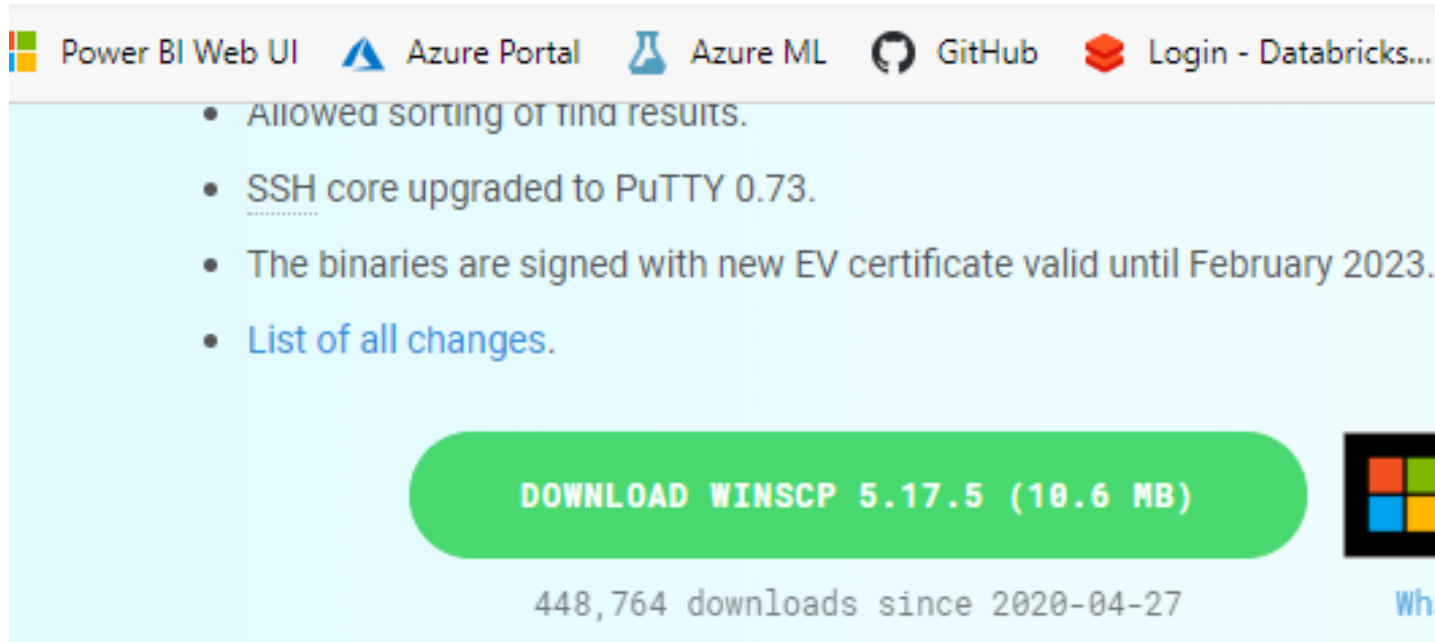
putty.exe (the SSH and Telnet client itself)

32-bit:	putty.exe	(or by FTP)	(signature)
64-bit:	putty.exe	(or by FTP)	(signature)

WinSCP

- ▶ Download WinScp from <https://winscp.net/eng/download.php>

<https://winscp.net/eng/download.php>



The screenshot shows a web browser window with several tabs open: 'Power BI Web UI', 'Azure Portal', 'Azure ML', 'GitHub', and 'Login - Databricks...'. The active page is the WinSCP download page, which features a light blue background. A list of updates is displayed, including 'Allowed sorting of find results.', 'SSH core upgraded to PuTTY 0.73.', 'The binaries are signed with new EV certificate valid until February 2023.', and a link to the 'List of all changes.'. A prominent green button with white text reads 'DOWNLOAD WINSCP 5.17.5 (10.6 MB)'. Below this button, it states '448,764 downloads since 2020-04-27'. A small Windows logo is visible on the right side of the page.

Power BI Web UI Azure Portal Azure ML GitHub Login - Databricks...

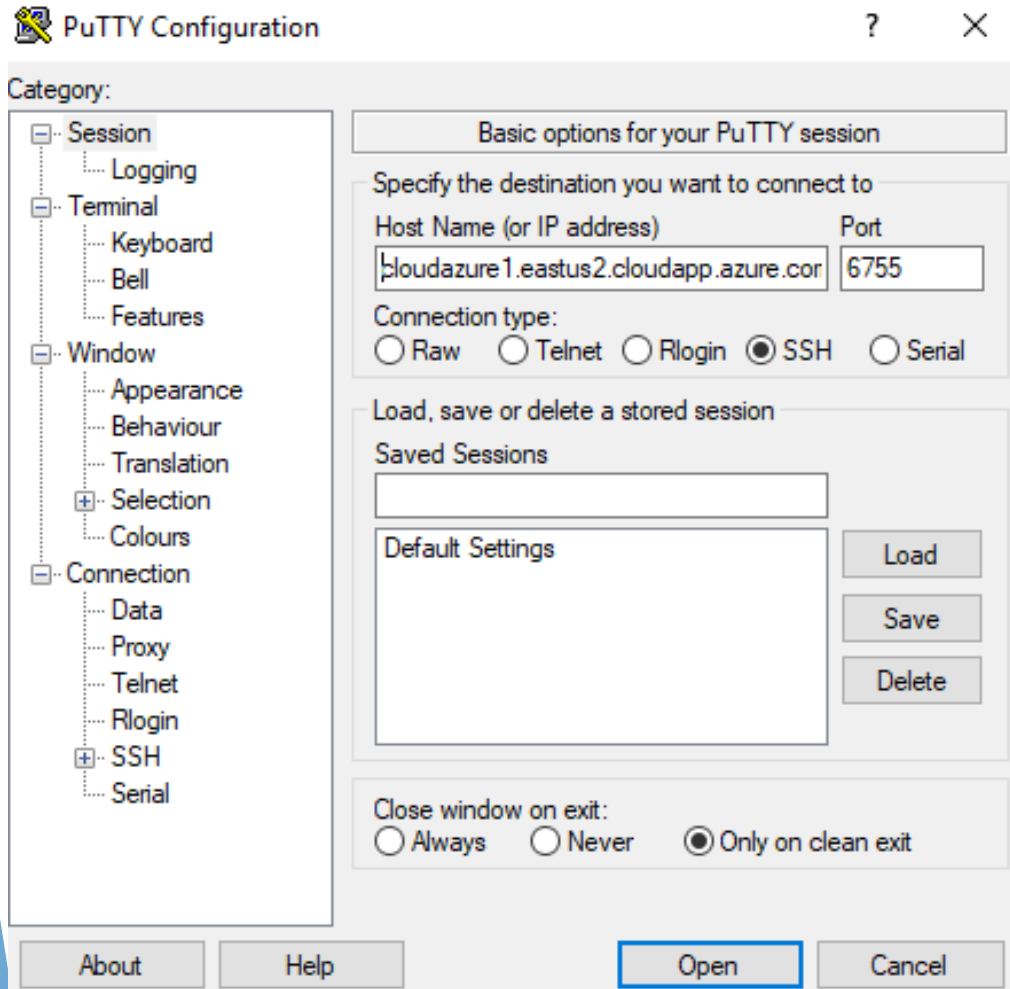
- Allowed sorting of find results.
- SSH core upgraded to PuTTY 0.73.
- The binaries are signed with new EV certificate valid until February 2023.
- [List of all changes.](#)

DOWNLOAD WINSCP 5.17.5 (10.6 MB)

448,764 downloads since 2020-04-27

Cluster Access Steps

- ▶ Open Putty and enter this hostname to login into your Azure Cluster



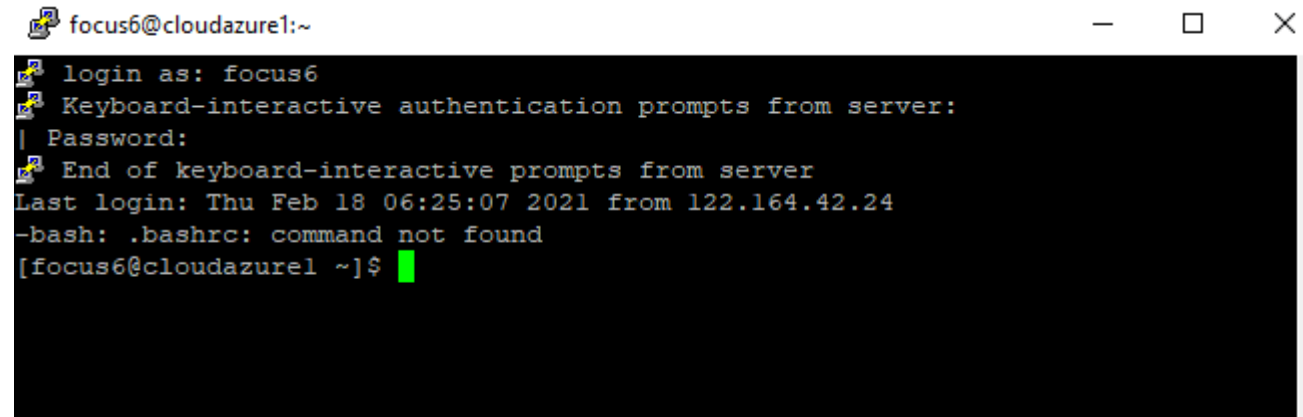
HostName: cloudazure1.eastus2.cloudapp.azure.com

Port: 6755

Connection Type: SSH

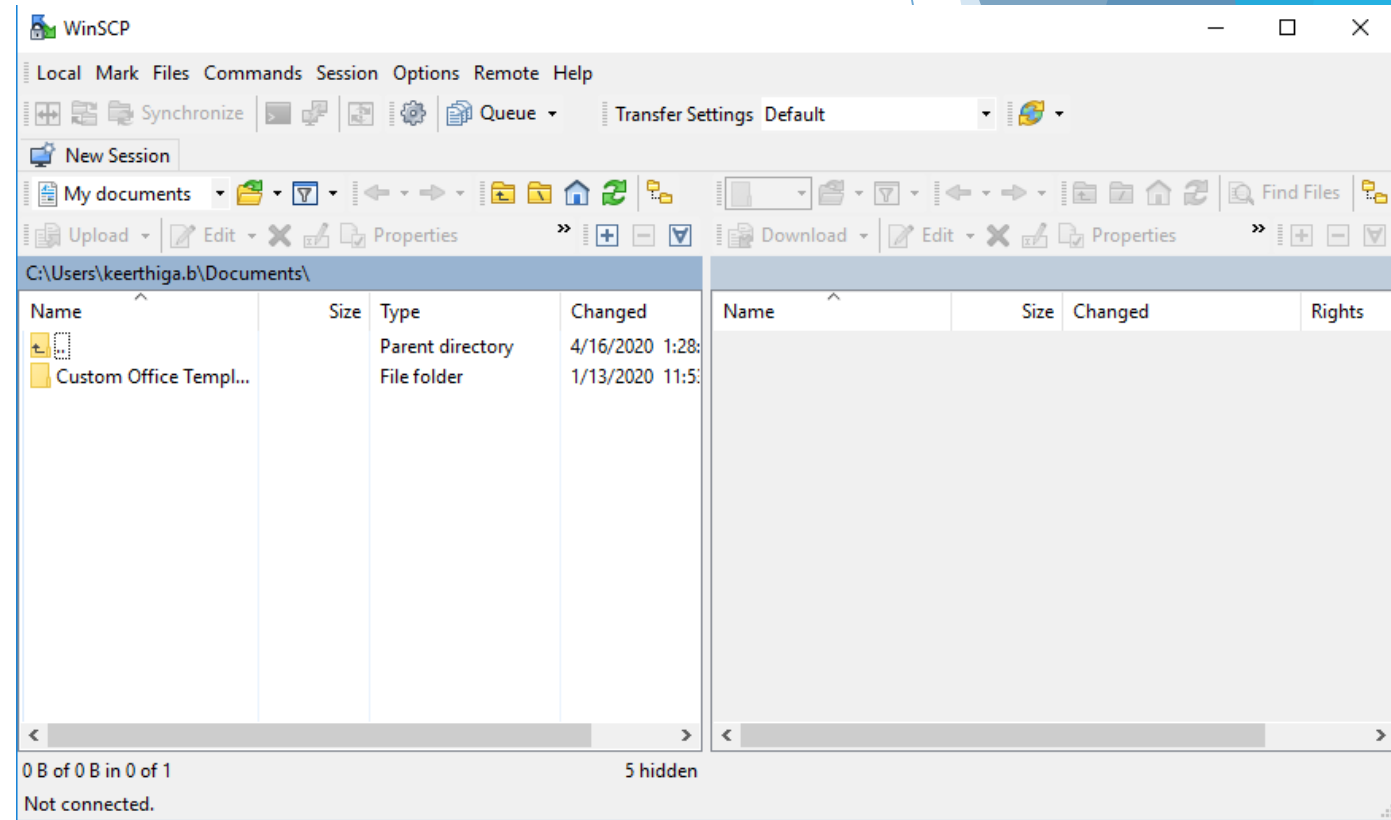
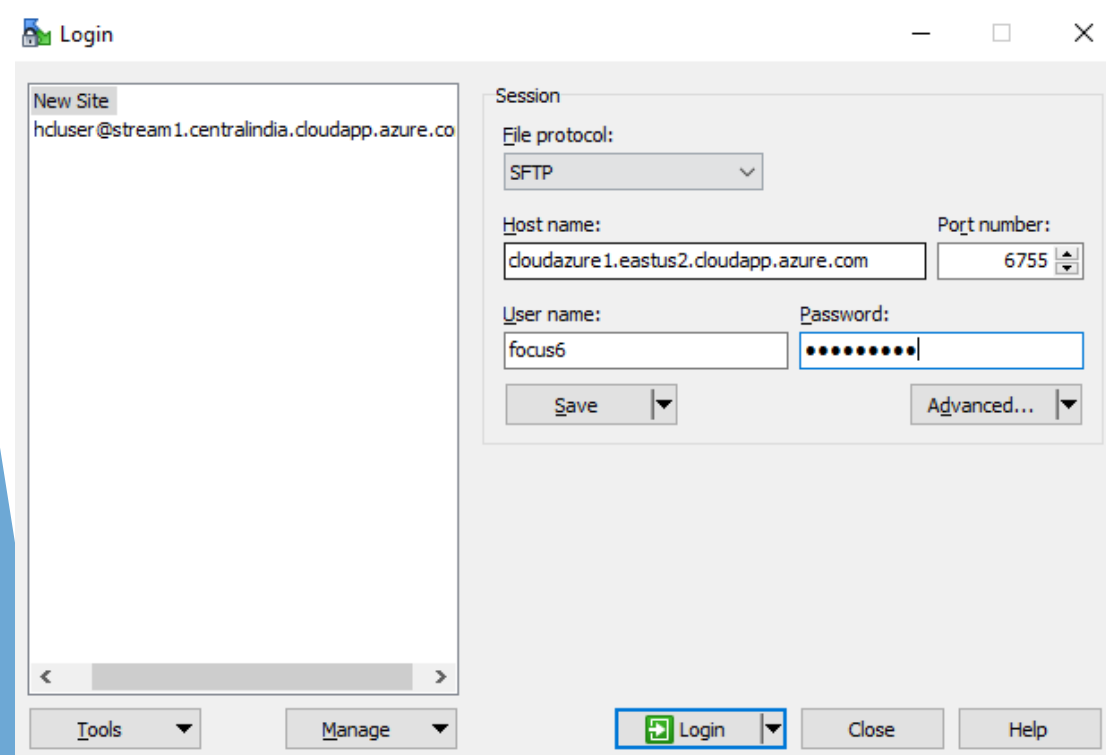
Username: focus6

Password: India@123



Transfer Files - Linux VM

- Open WinSCP and provide Cluster credentials



Linux VM - Directory Creation Steps

- ▶ Please create a directory under your name in the VM to create/use any files.

```
[focus2@cloudazure ~]$ mkdir keerthi
[focus2@cloudazure ~]$ cd keerthi
[focus2@cloudazure keerthi]$ cat >> a.txt
sample file
^C
[focus2@cloudazure keerthi]$ cat a.txt

sample file
[focus2@cloudazure keerthi]$
```



Thank You

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