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IT Storage Services

Standard Operating Procedure

Mounting DataWaha on Linux

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1. Introduction

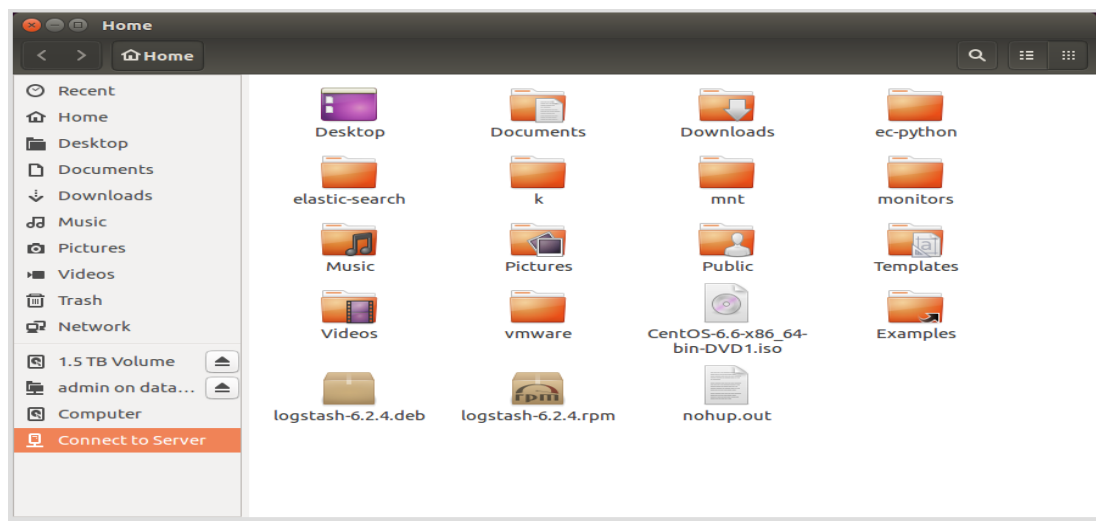
1.1 Purpose

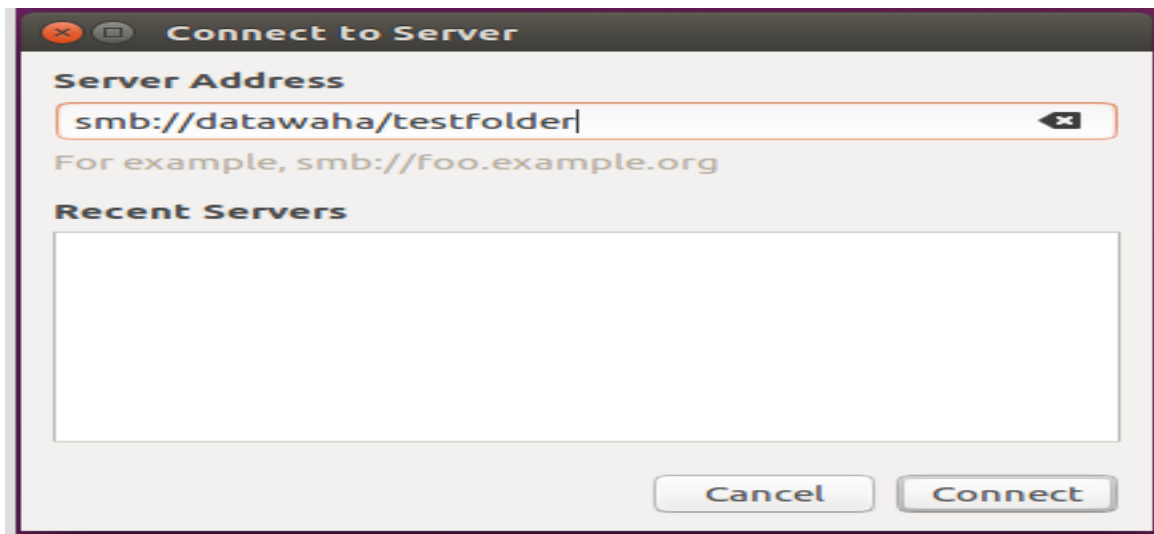
This document consists of standard operation procedure for mounting of DataWaha on Linux Workstations.

2. Mounting DataWaha on Linux using GUI

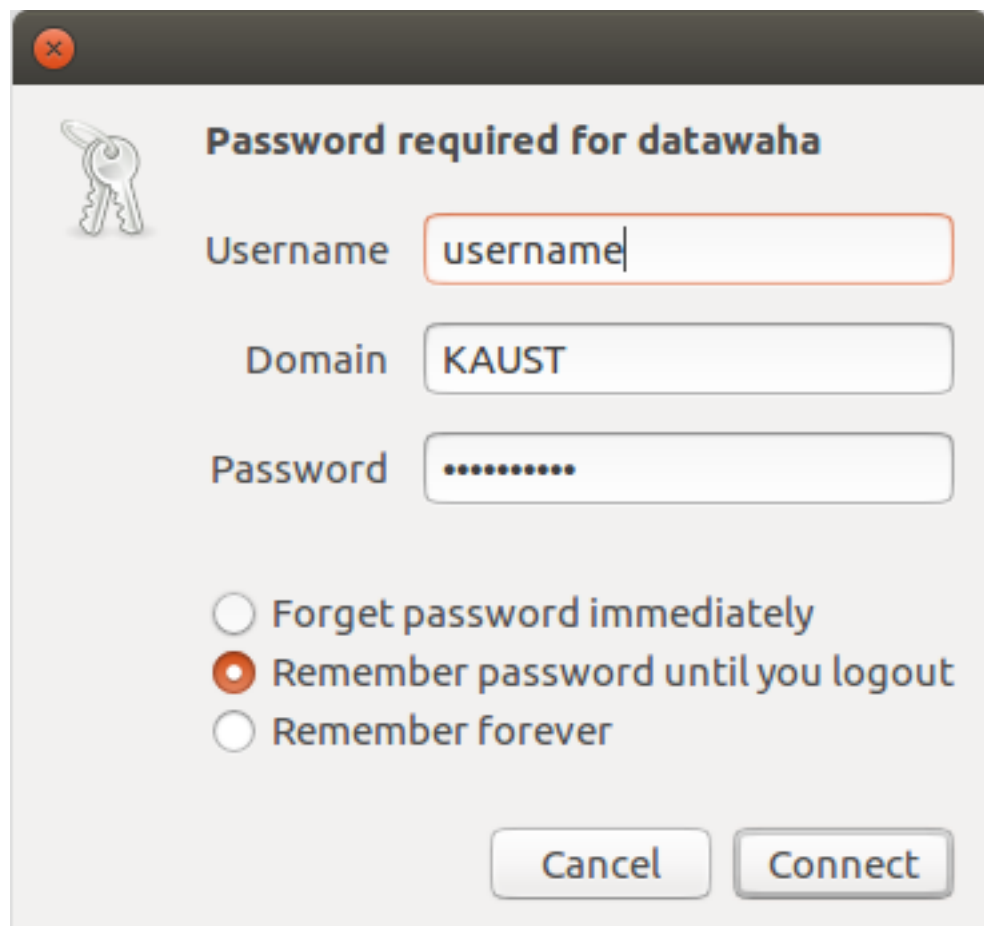
The following is an example using Linux Ubuntu 14.04.4 LTS, we can perform the similar mounting on all flavors of Linux.

Step 1: Click File->Connect to Server. Enter the server address `smb://datawaha` and click Connect. provide username, domain and password, select the option to “Remember this password” and click Connect.

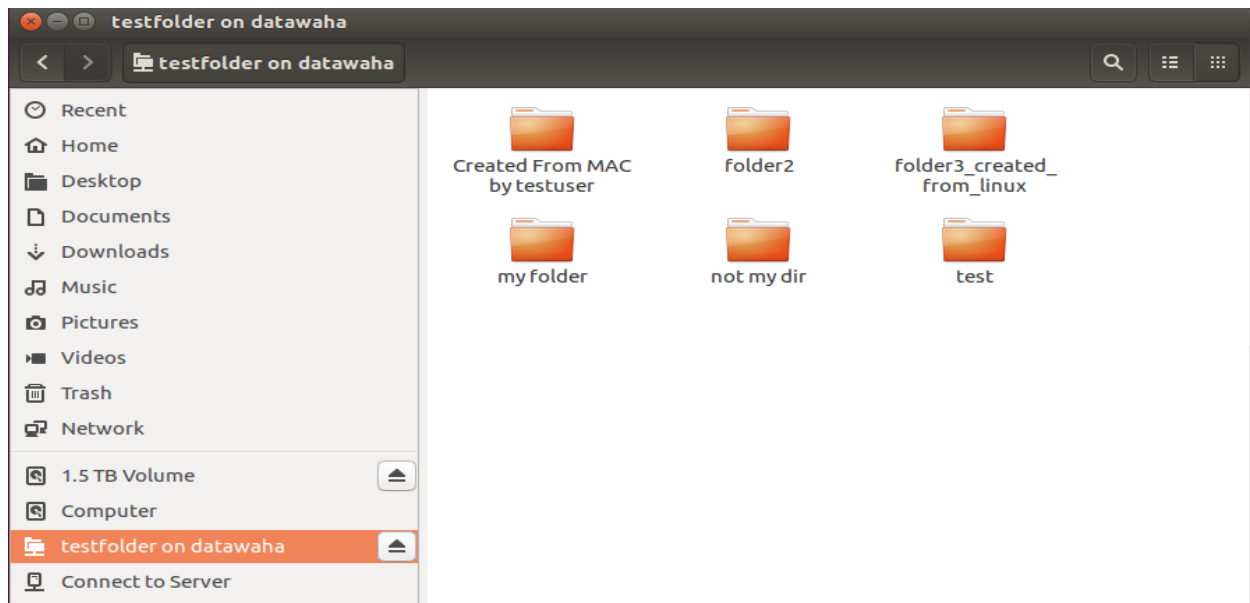




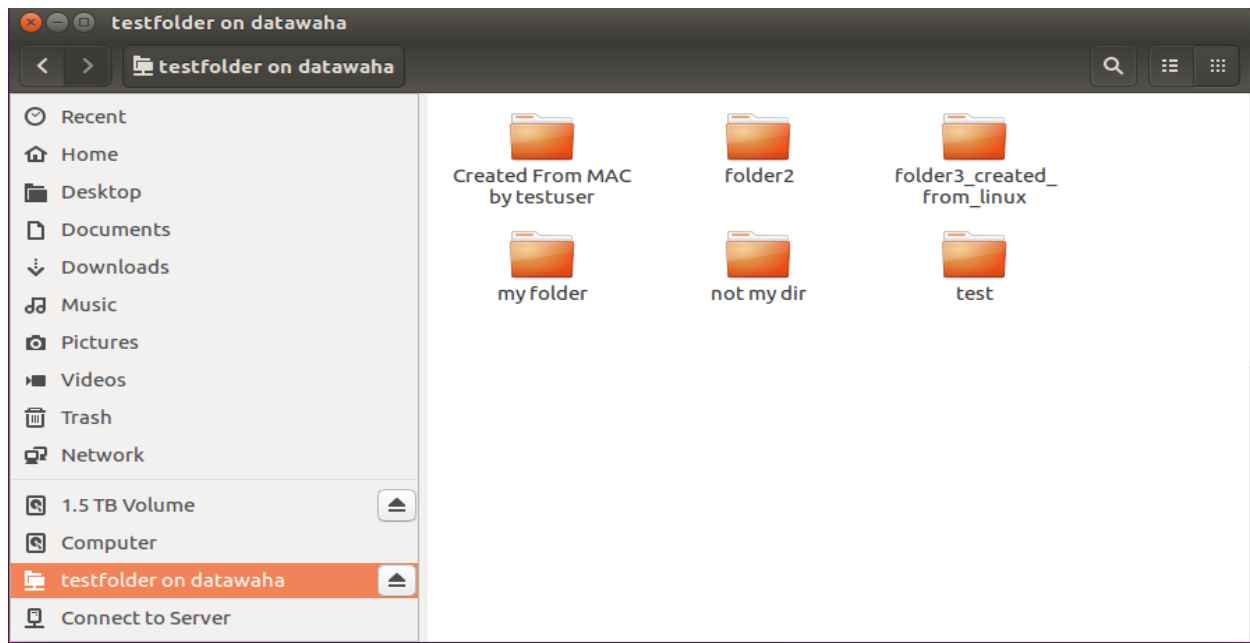
Step 2: Click Places->Connect to Server. provide username, domain and password, select the option to "Remember this password" and click Connect.



Step 3: The share will be mounted.



Step 5: Click on Eject ikon of the share to unmount the share.



3. Mounting DataWaha on Linux using Command Line

Step 1: Run following command only once , Note you need sudo access to run these command. Replace <pi folder> with your pi folder name.

```
$sudo apt-get install cifs-utils
```

```
# sudo bash (only once)
```

```
#mkdir /datawaha_<pi folder>
```

Step 2: Create following file using “vi” replaced <portal-id>= “your portal id” and save it.

```
#vi ~/mount_datawaha
```

```
mount //datawaha/ics /datawaha_ics -o vers=2.0,file_mode=0777,dir_mode=0777,username=<portal-id>,domain=KAUST
```

```
#wq!
```

```
#chmod +x /home/username/mount_datawaha
```

Step 3: Run the script mount_datawaha it will ask for your KAUST Portal password

```
# /home/username/mount_datawaha
```

Enter your KAUST Password

Step 4: Check/Validate the DataWaha mount point, it should show “datawaha:/datawaha_<your folder>”

```
#df -h /datawaha_<pi_folder>
```

Step 4: you can use DataWaha mount directory , using your id , make exit from sudo session.

```
$ cd /datawaha_<pi folder>
```

***** End of the Document*****