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Access Windows Shares from Linux

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Q. How do I Access Windows share from Linux command prompt? I would like to be able to access shared folders on Windows machines from my Linux system.

A. There are two ways. Use command line tool called smbclient or you can mount windows shares the mount command. Another option is use GUI tools. Please refer previous articles about access windows share from Linux:

(a) Mount Windows share using mount command

This is simple way to share data between windows and linux system. You would like to access MS-Windows share called //windowsserver/sharename by mounting to /mnt/win directory under Linux system. Type the following command (replace username, windows server name, share name and password with actual values):

```
# mkdir -p /mnt/win
# mount -t smbfs -o username=winntuser,password=mypassword //windowsserver/sharename /mnt/win
# cd /mnt/win
# ls -l
```

For the share //windowsserver/sharename to be automatically mounted at every system start (after reboot), insert an option in the file /etc/fstab:

```
# vi /etc/fstab
```

Append following line (written in a single line)

```
//windowserver/share /mnt/win smbfs
auto,gid=users,fmask=0664,dmask=0775,iocharset=iso8859-15,
credentials=/etc/smbapasswords 0 0
```

Next create the password file /etc/smbapasswords:

```
# vi /etc/smbapasswords
```

Now add following content:

```
username = winntuser
password = mypassword
```

Save and close the file. Make sure only root can access your file:

```
# chown 0.0 /etc/smbapasswords
# chmod 600 /etc/smbapasswords
```

Other solutions

(b) [Browse a Samba or MS Windows share using smbclient](#) ^[1]

(c) [Browse a Samba or MS Windows share in Nautilus \(GUI Option\)](#) ^[2]

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URLs in this post:

[1] Browse a Samba or MS Windows share using smbclient: <http://www.cyberciti.biz/tips/browse-a-samba-or-ms-windows-share-in-nautilus.html#smbclient>

[2] Browse a Samba or MS Windows share in Nautilus (GUI Option): <http://www.cyberciti.biz/tips/browse-a-samba-or-ms-windows-share-in-nautilus.html>

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