This document provides Linux users with davfs2 installed with instructions for how to move Vault Collaborative files and folders to Box without using local disc space. Instructions for Windows and Mac users.

Disk space not an issue? Use these instructions: For Windows, Mac, and Linux OS.

If there are files on Vault Collaborative you do not want to keep, just leave them. They will be deleted when Vault is decommissioned on July xx, 2016.

**Users with Root Access**

As root you can use davfs2 to mount your Vault account as a file system so it can be accessed by Box. First create a mount point for Vault. For example, do `mkdir /mnt/vault`. Then mount your Vault account

```
mount -t davfs https://vault.northwestern.edu/[your_NetID] /mnt/vault
```

or for a projects folder

```
mount -t davfs https://vault.northwestern.edu/projects/[folder_name] /mnt/vault
```

Making directory `/mnt/vault` and mounting Vault folder dep720

Log into your Box account and select the option to upload folders. You can drag and drop files and folders from the Vault desktop window to Box’s Folder Uploader window. To see the Vault window, run `nautilus` or its equivalent in your version of Linux, e.g., Files in Ubuntu, and go to Computer and then directory `mnt`. 
How to Move Vault Collaborative Files to Northwestern Box
Instructions for Linux Users with Limited Local Disk Space

Files -> Computer -> mnt

<table>
<thead>
<tr>
<th>Name</th>
<th>Size</th>
<th>Type</th>
<th>Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notes</td>
<td>6 items</td>
<td>Folder</td>
<td>Jan 15</td>
</tr>
<tr>
<td>Public</td>
<td>3 items</td>
<td>Folder</td>
<td>Jan 15</td>
</tr>
<tr>
<td>trash</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>File1.txt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>File2.pdf</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Box Folder Uploader and window showing Vault folder

You can unmount your Vault account or projects folder using the command
`umount /mnt/vault`

Unmounting Vault folder dep720

```
root@ubuntu:~# umount /mnt/vault
/sbin/umount.davfs: waiting while mount.davfs (pid 3954) synchronizes the cache...
OK
root@ubuntu:~#
```

If you cannot upload folders using Box's Folder Uploader window, you may be able to do uploads using the FileZilla ftp client. See the FTP section below.

Users without Root Access
How to Move Vault Collaborative Files to Northwestern Box
Instructions for Linux Users with Limited Local Disk Space

If you do not have root access to the Linux server and wish to use davfs2, someone with root access will have to create an entry for a mount point in /etc/fstab or give you sudo access to mount a Vault folder.

If you do not have sudo access, you need to create a directory in your Linux home directory to use as a mount point for your Vault account or projects folder. For example, to create a directory named vault to use as a mount point, do mkdir /[your_home_directory]/vault.

To create a mount point in /etc/fstab, as root add a line like
https://vault.northwestern.edu/[your_NetID]/[your_home_account]/vault davfs rw,noauto,user 0 0
or for projects folder
https://vault.northwestern.edu/projects/[folder_name]/[your_home_account]/vault davfs rw,noauto,user 0 0

As a non-root user your Linux home account must be a member of group davfs2. To do this, a root user needs to add your Linux account name to the davfs2 line in /etc/group.a Also, a root user needs to set the permissions on /etc/davfs2/secrets to 0600 and on
/usr/sbin/mount.davfs to 4755.
The permissions on /[your_home_account].davfs2/secrets need to be set to 0600.

To mount the Vault folder entered in /etc/fstab, use the command
mount /[your_home_account]/vault

Making directory /home/dep720, checking /etc/fstab entry, mounting Vault folder dep720
How to Move Vault Collaborative Files to Northwestern Box
Instructions for Linux Users with Limited Local Disk Space

Files -> Home -> Vault folder

To unmount the Vault folder, use the command
umount /[your_home_account]/vault

Unmounting Vault folder dep720

If you cannot upload folders using Box’s Folder Uploader window, you may be able to do
uploads using the FileZilla ftp client. See the FTP section below.

FTP
If dragging and dropping from the Vault mount point to Box’s Folder Uploader is not working
and your system has the FileZilla ftp client installed, you may be able to ftp the contents of the
Vault folder to Box. Instructions on how to access Box using ftp are at

Learn More
Northwestern Box Service Overview
File Sharing at Northwestern

Support
IT Support Center
847-491-4357 (1-HELP)
Submit a Support Request