

SERVER SPACE, BACKUPS, CONNECTING & WEBSITES,

Server Space

UNET Space

Your UNet Home Space has three default folders: public, private, and **WWW**.

- The private folder is accessible only to you.
- The public folder is accessible to any Brandeis user via methods such as SFTP and SSH,
- **The WWW folder is available to anyone, Brandeis users or not, at [http://people.brandeis.edu/~\[your username\]](http://people.brandeis.edu/~[your username]) (without brackets).**
- Files put in the root of your home folder (not in private, public, or WWW) are only accessible to you.

IBS SAN Space

- Each IBS/Econ faculty and staff member is given IBS SAN space. IBS SAN is a file server managed by the IBS Technology Department and is not associated with the main campus.
- Space Allocation:
 - Staff: 20GB (for business purposes)
 - Faculty 90GB (for research purposes)
- Each IBS & IBS-Econ faculty & staff member is automatically connected to their personal (Z: Drive) folder when logging into any computer on campus.
 - A number of other important folders are also automatically mapped based on staff or faculty status.

Backup Procedures

UNET & IBS SAN Space

Both “UNET” and “IBS SAN” Space are “volume shares” on a system called the “**SAN**” The SAN is a redundant system located in the Feldberg Building which is protected by multiple levels of RAID (a large number of separate hard drives holding copies of the same information). The SAN is also replicated over to a backup_SAN located in the Goldfarb Building. For more information on how UNET space is backed up, please contact the Brandeis Help Desk at ext. 67777

The following levels of backup & redundancy are in place for the **IBS SAN** in order to ensure full data safety on campus:

- SAN Snapshot (Level 1)
 - *Snapshots are full copies of every file located within SAN folders
 - Snapshot Schedule
 - Daily @ 5pm (each snapshot kept for 1 week)
 - Weekly @ 6pm Sunday (each snapshot kept for 30 days)
 - Monthly @ 5pm 1st Sunday (each snapshot kept for 3 months)
- SAN Shadow Copy (Level 2)
 - Shadow Copy Schedule
 - Twice Daily (7am & 7pm)
 - Each version saved for 3 months

How to Connect

On Campus Only

Windows

1. Start-> Run, and typing \\unethome.brandeis.edu\username into the command line (where "username" is your UNet username).
2. A new window will appear asking for a username and password.

Username: USERS\username (where "username" is your UNet username)

Password: Your UNet password.

Mac

1. From the Finder menu, select Go-> Connect to Server...
2. In the window that appears enter: smb://unethome.brandeis.edu/username (where "username" is your UNet username)
3. Press the Connect button
4. You will be prompted to enter your UNet username and password
5. Click OK when done. Your network storage folder will appear in a new window on your desktop.
6. When you are finished, you **MUST** disconnect the drive to prevent others from accessing your files. Drag the icon on the desktop with your UNet username into the trash can on the dock. As you drag it, the trash icon will change into an "eject" icon.

From Off Campus

Wormhole (SSL VPN)

Navigate to wormhole.brandeis.edu, login and click "Unet Home".

Secure File Transfer Protocol (SFTP)

If you want to transfer files to and from your UNet home space, you can use an SFTP client to connect. Click [here](#) for instructions.

Secure Shell (SSH)

If you want to connect to your UNet home space using a UNIX shell, you can use an SSH client to connect. Click [here](#) for instructions.

PERSONAL/FACULTY WEBSITES

Personal/Faculty home pages can be published on people.brandeis.edu.

- Place files in the WWW directory within your UNet space to have them published at [http://people.brandeis.edu/~\[your username\]](http://people.brandeis.edu/~[your username]) (no brackets).
- Your main page must be named “index.html”
- All subsequent pages may be named at your discretion. (Ensure that all [yourpage.html] items are located at the first level of the WWW folder).
- Separate images into [“images”] folders, pdfs into [“pdfs”] folders, and other documents into [“documents”] folders
- Ensure all items are correctly linked within your HTML documents.
- We support normal web publishing without access control or scripts.

Students requiring access to faculty “WWW” folders may do so by one of the following methods:

Direct Access:

- faculty logs into system
- student follows connection directions to access WWW folder
- update files
- copy files to “WWW” folder

Indirect Access: (requires additional setup from faculty):

- Faculty makes a copy of “WWW” folder and places it under “public” folder
- Student uses **sftp** or **ssh** to access //unethome/faculty/public folder
 - Work is done on the files located in the //faculty/public/www folder
 - Faculty copies files from //faculty/public/www to //faculty/www