

Sharing via BNLBOX

The screenshot shows a file sharing interface. On the left, a directory named 'EIC_Data' is shown with a permission message: 'You don't have permission to upload or create files here'. Below this, a list of files and folders is displayed:

File/Folder	Size	Time
Input.IR.Simulation	142.7 GB	2 months ago
KongTu	5 GB	a month ago
MILOU	150 GB	2 months ago
PEPSI	3.7 TB	2 months ago
PP	320.6 GB	2 months ago
PYTHIA	6.4 TB	2 months ago
asc_... .out	156 MB	a year ago

The file 'asc_5x41_dvcs-1M-lines.out' is selected, and the sharing options menu is open, showing the 'Create guest account for b...' option.

Share by inviting anybody to create a guest account

The screenshot shows the sharing options menu for a file. The options are:

- Can reshare
- Set expiration date
- Note to recipient
- Unshare

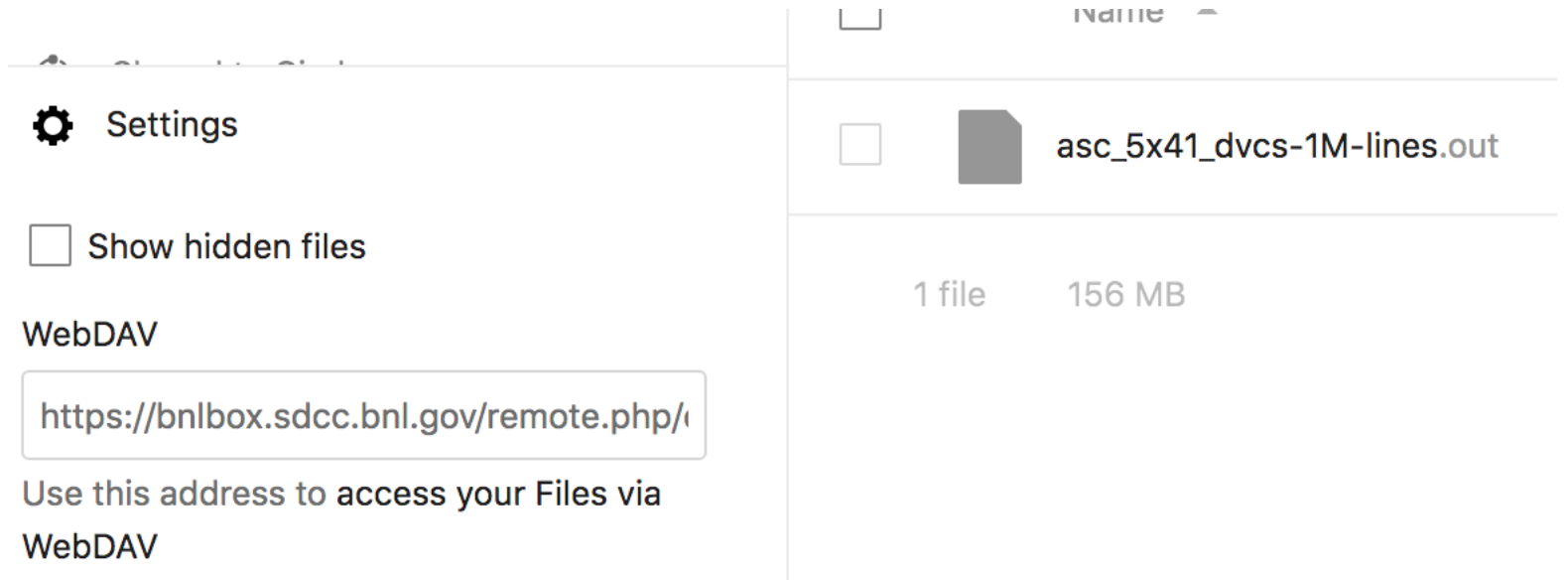
- EIC_Data mounts (a directory in) our gpfs volume
- Shared with me R/O

Reshare can be customized and revoked

Accessing

- Recipient gets a link that allows guest account creation

Recipient can get
WebDAV url



The screenshot shows a file manager interface with a settings panel on the left and a file list on the right. The settings panel includes a gear icon for 'Settings', a checkbox for 'Show hidden files', and a 'WebDAV' section with a text input field containing the URL 'https://bnlbox.sdcc.bnl.gov/remote.php/'. Below the input field, it says 'Use this address to access your Files via WebDAV'. The file list on the right shows a single file named 'asc_5x41_dvcs-1M-lines.out' with a size of 156 MB.

- Then `curl -u '<name>:<password> ...'` allows CLI access
- A custom user:password combination can be created instead
- Speed (20 Mbps) limited by my Internet 😊

Comments

- Very quick and rough assessment if it fulfills our needs – it does!
For more details (scalability, bandwidth, limitations, security, ...), we should tap SDCC and Ofer Rind
- In fact, it works today! Our entire data is already visible in this manner
- Two options:
 1. Invite individually – more work but more compartmentalization and control
 2. Create eicslinger@gmail.com and invite them with minimal (no re-sharing) privileges, then distribute, in a sensible fashion, credentials and webdav url. Simple to use and maintain, just need to recreate the credentials resonably often
- A more privileged user could maybe also import this way – but why not just rsync.
- Convenience:
 - Cadaver provides tools such as ls, ls, cd, ...
 - Downloading a directory requires a script (tested, works)