Box Storage: Accessing Clemson Box account in Linux

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Currently, there is no Clemson Box App for Linux. Here are some instructions for Accessing Clemson Box account in Linux via WebDAV using command-line mount and other tools.

There are two tricks to accessing a Clemson Box folder in Linux using WebDAV

- It requires creating an "external password" in your Box profile. This circumvents Clemson's Shibboleth SSO and Duo two-factor authentication.
- The format for the DAV URL when mounting in Nautilus file browser is davs://<userid>%40clemson.edu@dav.box.com/dav. Note the 'davs' protocol for secure DAV and the '%40' encoding for '@' in the userid.

There are some other possible ways to get access to Box in Linux:

- https://uisapp2.iu.edu/confluence-prd/display/SOICKB/Using+Box+under+Linux
- https://community.box.com/t5/Upload-and-Download-Files-and/WebDav-with-Box/ta-p/310

(Just FYI, the first of those pages apparently refers to SFTP when it should refer to FTPS.)

This is the link to a Citrix knowledge base article that worked for Fedora/Red Hat (and would work with any distribution). Ubuntu apparently has a package of add-on certificates that solves the problem.

- https://support.citrix.com/article/CTX231524

 For Ubuntu (and some other possibly useful info:

- https://askubuntu.com/questions/302188/certificate-error-when-using-citrix-receiver

Online URL: https://hdkb.clemson.edu/phpkb/article.php?id=677