

FCC1 Lobby Kiosk Setup

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Overview

The Fermilab Computing Sector has existing kiosk systems in the FCC1 lobby. In order to make it easier to update and configure these systems, a group of folders on a shared volume will be utilized. Each kiosk will have a “dropbox” folder associated with it and content can be simply copied into this folder in order to update the active presentation.

A script runs on each kiosk system at 15 minute intervals.

Each kiosk is configured with a domain captive account, capable of reading files and writing status back up to the drop box folders under \\cdserver\cd_projects\kiosk\fcc1kiosk.

Architecture

Currently, there are 4 physical PC’s running Windows 7 that are located in the FCC1 lobby area. Each of these has a set of corresponding folders setup to allow users to drop in new content. The content is evaluated by a script that runs on each kiosk machine. Currently, the scripts run and check for new content every 15 minutes using the Windows Task Scheduler.

The names and locations of the kiosk machines can be found in the table below:

Table 1.1 FCC1 Lobby Kiosk Names and Locations

Name (DNS)	Location/Description	Drop Box Folder
cd-118521	FCC1 Lobby Top Left	\\cdserver\cd_projects\kiosk\fcc1kiosk\cd-118521\dropbox
cd-118519	FCC1 Lobby Bottom Left	\\cdserver\cd_projects\kiosk\fcc1kiosk\cd-118519\dropbox
cd-106488	FCC1 Lobby Top Right	\\cdserver\cd_projects\kiosk\fcc1kiosk\cd-106488\dropbox
cd-106487	FCC1 Lobby Bottom Right	\\cdserver\cd_projects\kiosk\fcc1kiosk\cd-106487\dropbox

FCC1 Lobby Kiosk Layout

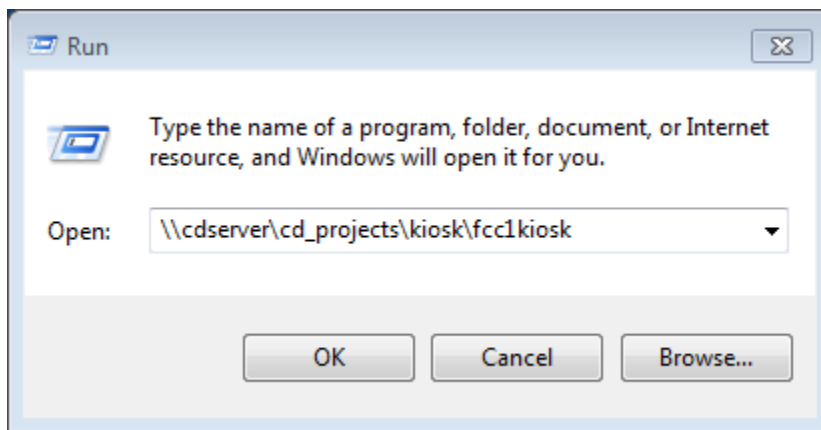


Updating Content

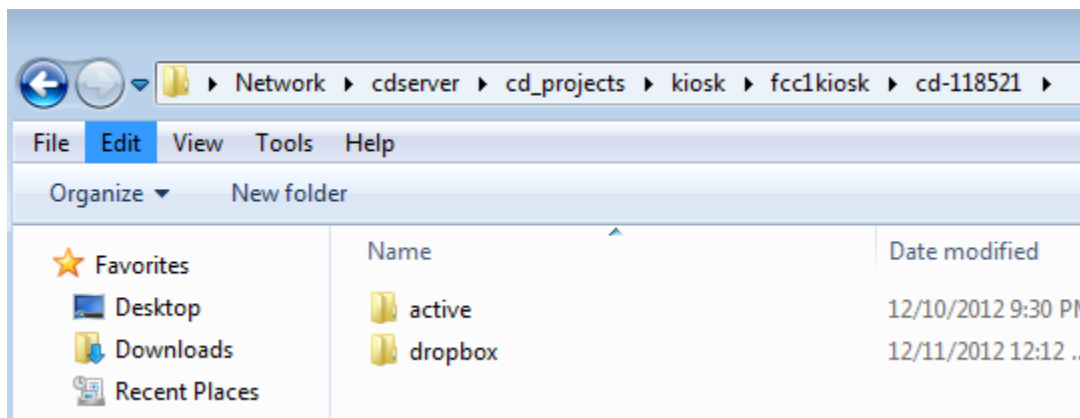
Windows Client (GUI)

To connect your Windows machine to the drop box folders via SMB/CIFS, perform the following:

1. Click Start → Run
2. Type `\\cdserver\cd_projects\kiosk\fcc1kiosk`, then hit enter.



3. At this point, you should be able to see the folders for each machine, then open the folder you'd like to update.



4. At this point, you should be able to copy your content to the “dropbox” folder for the given machine.

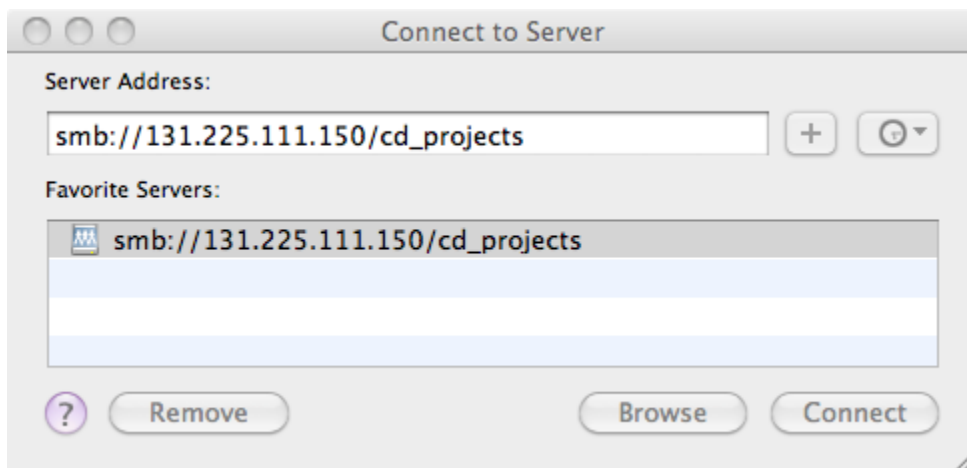
MAC Client (GUI)

To connect your Mac to the drop box folders via SMB/CIFS, perform the following:

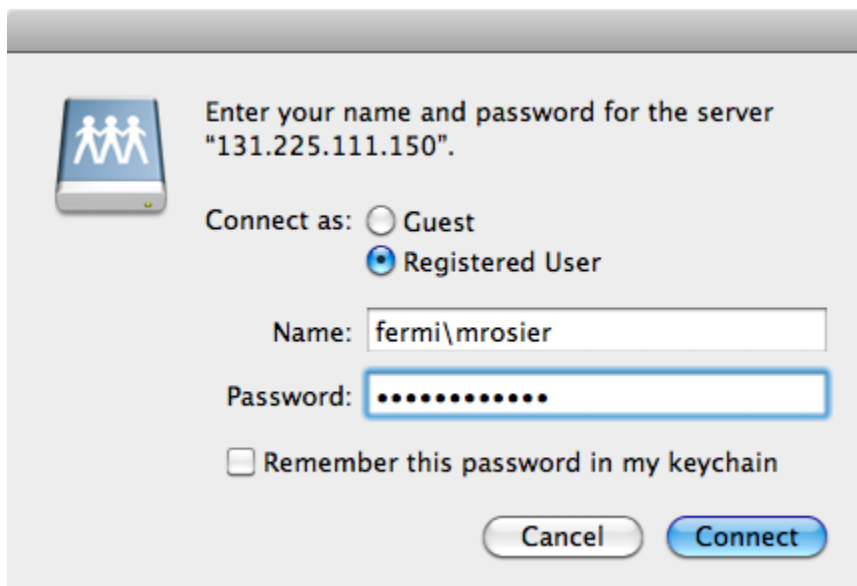
In the Finder, choose Go > “Connect to Server.”

Type the network address for CDSERVER in the Server Address field using the following format:

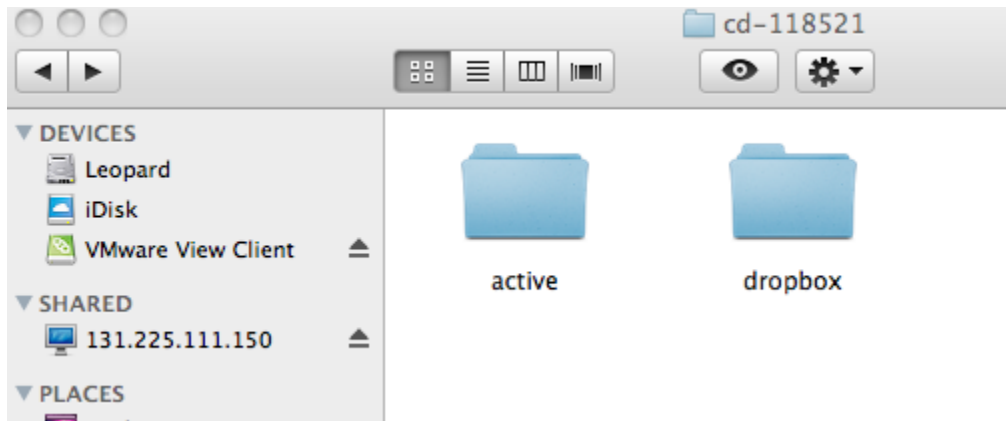
smb://131.225.111.150/cd_projects



Follow the onscreen instructions and type your Fermi Domain\Username followed by your password as a “Registered User”. DO NOT SAVE THE PASSWORD IN YOUR KEYCHAIN !



If you connected to the shared folder using the “Connect to Server” dialog, the folder icon may appear in the Finder window sidebar or on your desktop. Locate the “dropbox” folder under the appropriate kiosk machine folder, then copy a valid Power Point, PDF, or URL file into the folder.



If you run the “mount” command from the command-line, the mount point should look similar to the following: `//FERMI;mrosier@131.225.111.150/cd_projects` on `/Volumes/cd_projects` (smbfs, nodev, nosuid, mounted by mrosier)

Linux Client (command-line)

To connect your Linux machine to the drop box folders via SMB/CIFS, perform the following:

5. Verify CIFS-Utills package is installed (most distributions include this by default)

```
[root@penguin ~]# rpm -qa | grep -i cifs
cifs-utils-4.8.1-10.el6.x86_64
```

6. Mount `cd_projects` on `cdserver.fnal.gov` (CIFS)

```
[root@penguin ~]# mount //cdserver.fnal.gov/cd_projects /mnt -t cifs -o
user=joeuser, domain=fermi, sec=ntlmssp
Password:
```

7. Verify the share is accessible

```
[root@penguin ~]# ls -l /mnt
total 0
drwxr-xr-x 0 root root 0 Nov  1 15:35 Budget_Planning
drwxr-xr-x 0 root root 0 Mar 19  2001 CDA_Archive
drwxr-xr-x 0 root root 0 Feb 13  2012 CDO
drwxr-xr-x 0 root root 0 Feb  7  2005 CMS_Web_New
drwxr-xr-x 0 root root 0 Aug  8 13:39 Computer_Security
drwxr-xr-x 0 root root 0 Mar 15  2012 Core-Virtual-Services
drwxr-xr-x 0 root root 0 Aug  9  2007 Dept_Heads
drwxr-xr-x 0 root root 0 Jan 30  2007 Dir_Review
```

8. At this point, you should be able to copy your content to the appropriate directory (i.e. `/mnt/kiosk/fcc1kiosk/cd-118521/dropbox/`).