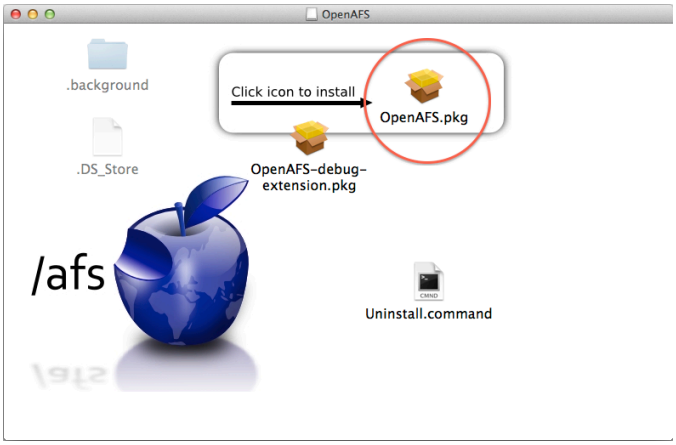
Setting Up & Configuring OpenAFS on Mac OS X

Note: (Local) Administrator access will be required for most of the steps in this document

Step #1: Download and install OpenAFS

1. Go to the following website: http://openafs.org/macos.html
2. Click on the "Maintenance Release" version that will work with your OS version
3. Go to the download Section and click on link to download
4. Click on the dmg that has downloaded. The dmg should open a window.

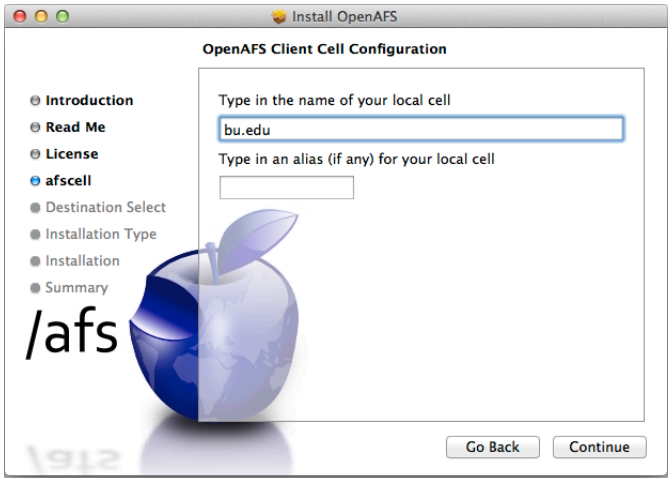


5. Click and Drag the "Uninstall.command" icon to a safe place on the hard drive
   Note: This is used to uninstall OpenAFS

6. Back in the dmg window, double Click the OpenAFS.pkg icon

7. Follow the installer guide to install OpenAFS

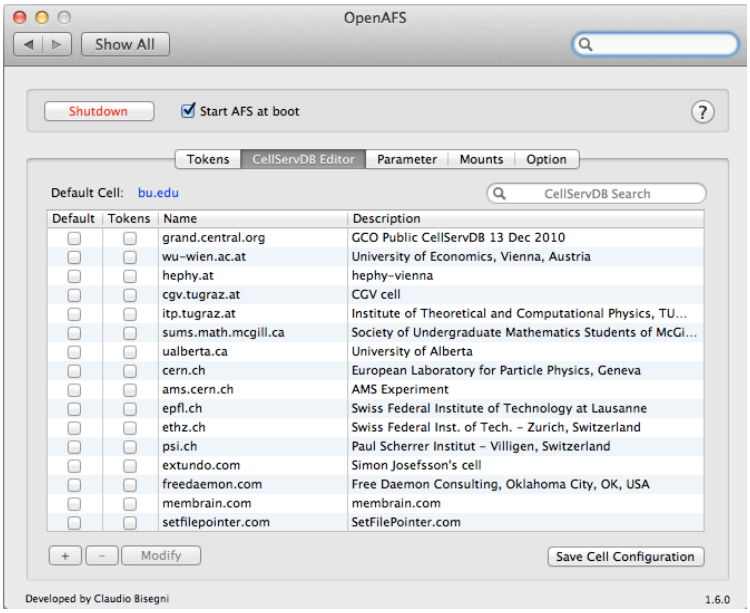
8. When prompted for a "local cell name", enter **bu.edu**



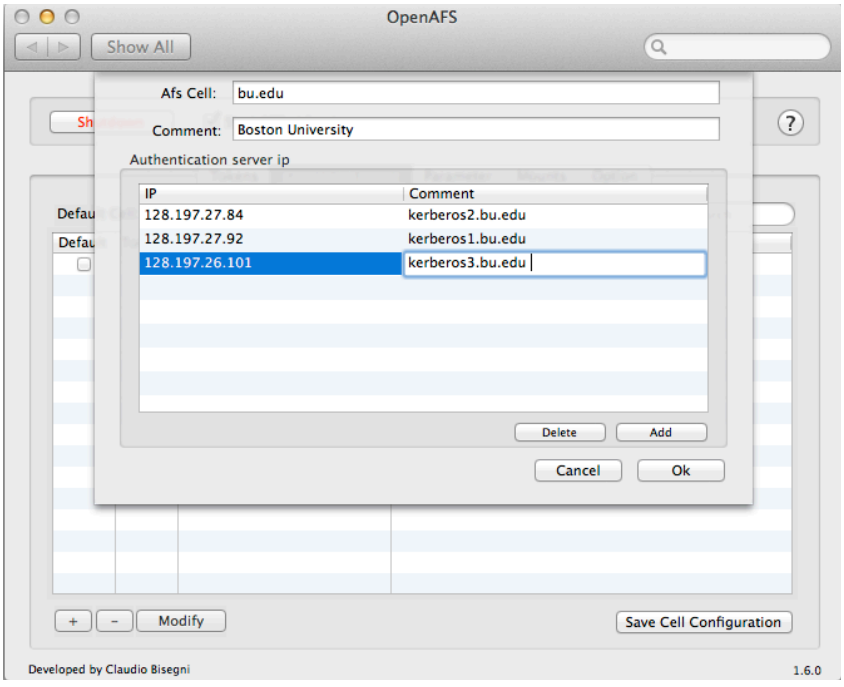
Step #2: Configure Data Files

1. Open System Preferences
2. Click on the OpenAFS Preference pane(Listed under **Other**)
3. Click the **Shutdown** button to stop the AFS service while configuration is completed
4. Enable the **Start AFS at boot** checkbox, and click yes if it asks you to create a folder titled "LaunchAgents"
5. Select the **CellServDB Editor** tab.
6. Select all of the servers listed and click the **–** (minus) button at the bottom of the screen
   Note: Removing all of these existing servers may take a little while, please be patient.
7. Once all servers are removed, click the + (plus) icon to add the BU servers.

8. Enter the following information:
   Afs Cell: bu.edu **Comment:** Boston University



9. Add the following Authentication Servers:
   128.197.27.84 kerberos2.bu.edu
   128.197.27.92 kerberos1.bu.edu
   128.197.26.101 kerberos3.bu.edu
10. Click **OK**, and then **Save Cell Configuration**
11. Click **Startup** to connect to AFS



Note: If this GUI interface does not respond to the Startup button, logout then log back in to your account.

Step #3: Configure Finder View

1. Switch to the Finder
2. Open the Finder Preferences
3. Select the check-box to show **Connected Servers** on the desktop
4. A volume named afs should now appear on the desktop

Step #4: AFS Verification

If the afs volume does not appear on the desktop, you can check for connectivity through the Terminal:

1. Open Terminal (located in /Applications/Utilities/)
2. Type df -k and hit enter
3. You should see an AFS volume listed, example:

Filesystem	1024-blocks	Used	Available	Capacity	Mounted on
/dev/disk0s2	77814832	13121780	64437052	17%	/
devfs	105	105	0	100%	/dev
fdesc	1	1	0	100%	/dev
map –hosts	0	0	0	100%	/net
map auto_home	0	0	0	100%	/home
AFS	16000000	0	16000000	0%	/afs

4. Type klog -t and hit enter to obtain a AFS token from the Authentication Server.
   *Note: Obtaining a AFS token can be accomplished on the **Tokens** tab of the System Preferences Pane also.*