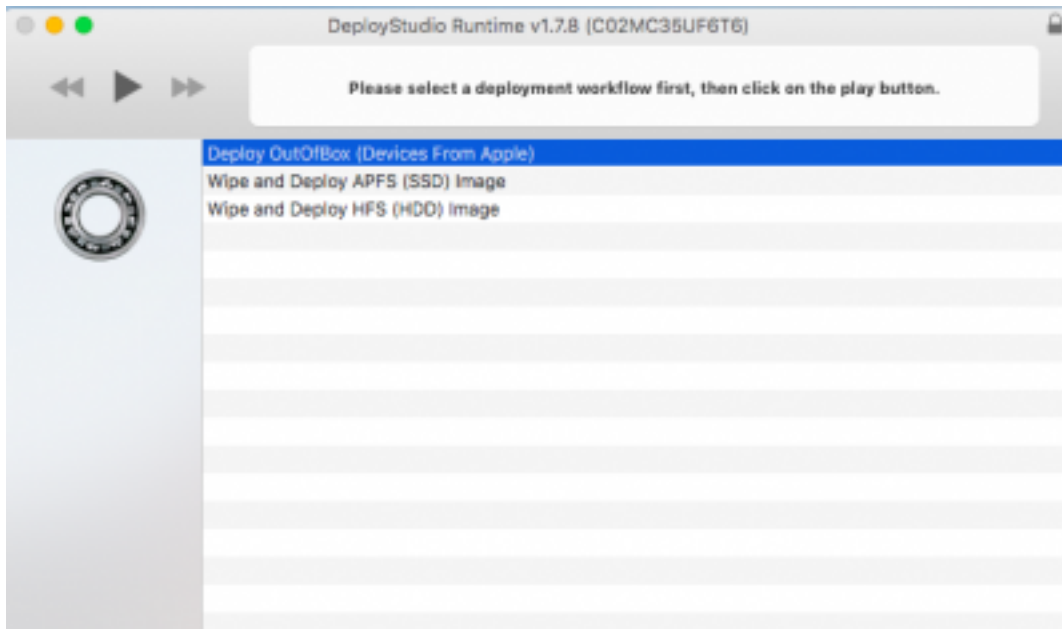


Deploy Studio Runtime

This is where you run workflows setup in DS Admin. With the current build setup(9/26/18), all a HelpDesk tech should have to do is choose what type of imaging to do (Out of Box or Re-Image), and if re-imaging, what type of storage the target computer has.



Runtime options you may encounter

APFS vs. HFS

APFS is Apple's new file system as of High Sierra. All SSD's must be on this file system. That is why the current DS workflow's have an HFS and APFS option. Hard Drives, physical spinning disks, should be on HFS.

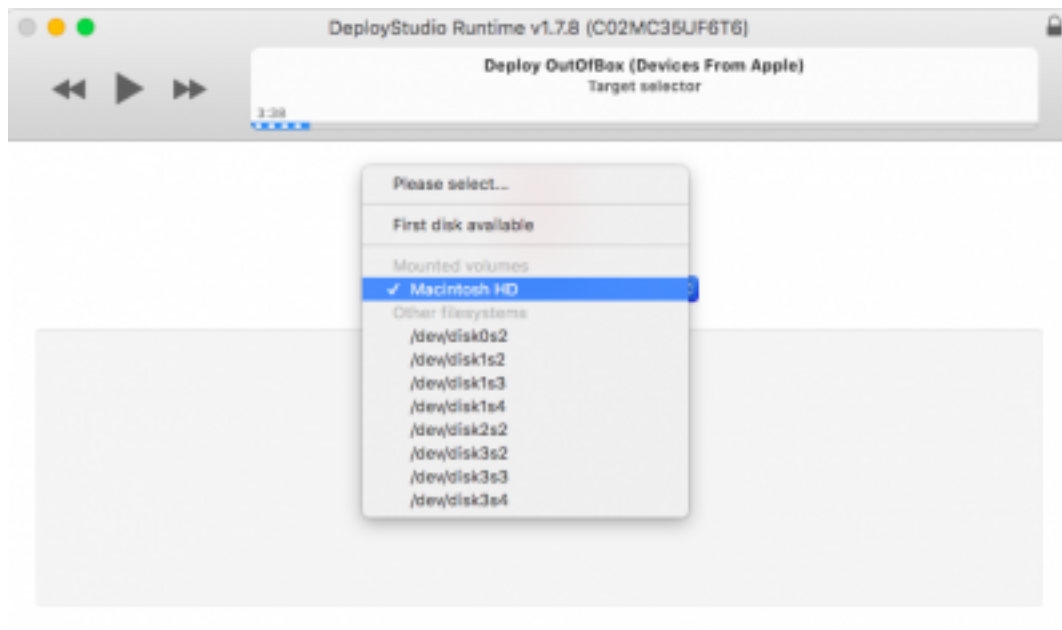
How to Use Deploy Studio Runtime

In order to image, first determine *what type of image is required*. Meaning, are you re-imaging and wiping a lab computer? Did a new faculty member get a brand new Macbook from Apple? Wiping a lab computer would require the **Wipe and Deploy** option, while setting up a new Macbook from Apple would require the **Deploy OutOfBox** imaging option.

Starting your Runtime Workflow

Target Selector

This image option will wipe all files on the selected target. This is the first option of any workflow. Always select Macintosh HD. It is not recommended to select “First Disk Available.”



“Macintosh HD” will make sure to wipe the entire HD/SSD, while selecting “First Disk Available” may target only a small partition of the drive

Hostname Form

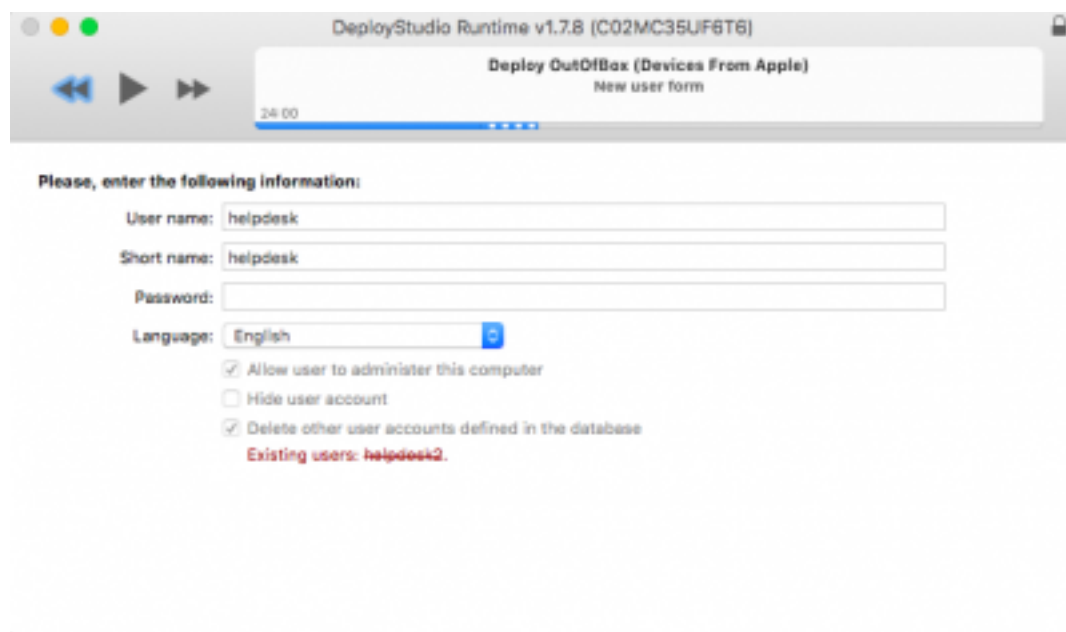
Now, you choose the name for your computer. This is extraordinarily important for Active Directory. Make sure the name you are using is the proper object in AD. It is alright if everything is lowercase, and it is recommended to delete both fields, then type the name in *local hostname*. It will autofill *computer name* for you. To be clear, this is not done for the APFS and HFS deployments.

A screenshot of the DeployStudio Runtime v1.7.8 (C02MC35UF6T6) Hostname form window. The window has a title bar with standard macOS window controls. Below the title bar, there's a progress bar and a label 'Deploy OutOfBox (Devices From Apple) Hostname form'. The main content area contains a form with the following fields: 'Local hostname' (filled with 'testmac-2'), 'Computer name' (filled with 'testmac-2'), 'Windows computer name' (empty), 'Client management' (filled with 'workgroupmanager-computergroups'), and 'Computer information' (four empty fields labeled #1, #2, #3, #4). There is also a checkbox labeled 'Ignore empty fields when configuring the computer' which is checked.

An example of how to set Hostname Form

New User Form

This is the one difference between *Out of Box* and *Wipe and Deploy*. We need to create an admin helpdesk account for *Out of Box* deployments, while *Wipe and Deploy* has a helpdesk account baked into the image.



DeployStudio Runtime v1.7.8 (C02MC35UF6T6)

Deploy OutOfBox (Devices From Apple)
New user form

24:00

Please, enter the following information:

User name: helpdesk

Short name: helpdesk

Password:

Language: English

☒ Allow user to administer this computer

☐ Hide user account

☒ Delete other user accounts defined in the database

Existing users: helpdesk2.



Make sure to doublecheck the spelling of the password

Note that the ***password field only gives you one chance.*** Use the standard helpdesk password and ensure it's correct.

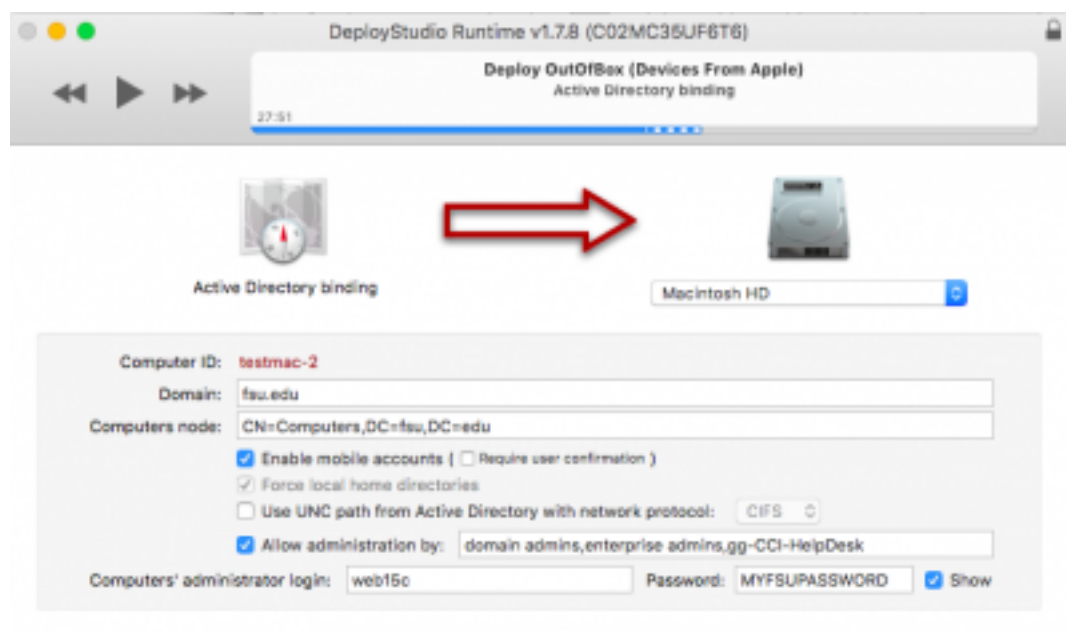
Restore

Restore field is tied to either HFS or APFS, depending on the workflow you chose. Just ensure Macintosh HD is selected, and you should be fine. There are no options to select.

Note: this only appears in Wipe and Deploy

Active Directory Binding

Enter your credentials under **Computers' administrator login** at the bottom of the Runtime window. These are the same credentials you use for other AD procedures, like imaging a Windows PC.



DeployStudio Runtime v1.7.8 (C02MC35UF6T6)

Deploy OutOfBox (Devices From Apple)
Active Directory binding

27:51

Active Directory binding

Macintosh HD

Computer ID: testmac-2

Domain: fsu.edu

Computers node: CN=Computers,DC=fsu,DC=edu

☒ Enable mobile accounts (☐ Require user confirmation)

☒ Force local home directories

☐ Use UNC path from Active Directory with network protocol: CIFS

☒ Allow administration by: domain admins,enterprise admins,gg-CCI-HelpDesk



Computers' administrator login: web15c Password: MYFSUPASSWORD ☒ Show



Note that credentials are to be entered at the bottom,
under Computers' Administrator Login

Finishing Up

That's it! If everything went well, and the workflow runs successfully, shut down the computer. Unplug your external SSD. Then, restart the computer. **Make sure it is connected to Ethernet.** This is so it binds correctly to AD. The ds_finalize log in /var/log will give more details on how the deployment went.

 [imaging/imaging_a_mac/deploystudio/dsruntime.txt](#)  Last modified: 2018/10/05 12:18
by web15c