

Bind a Mac to Active Directory

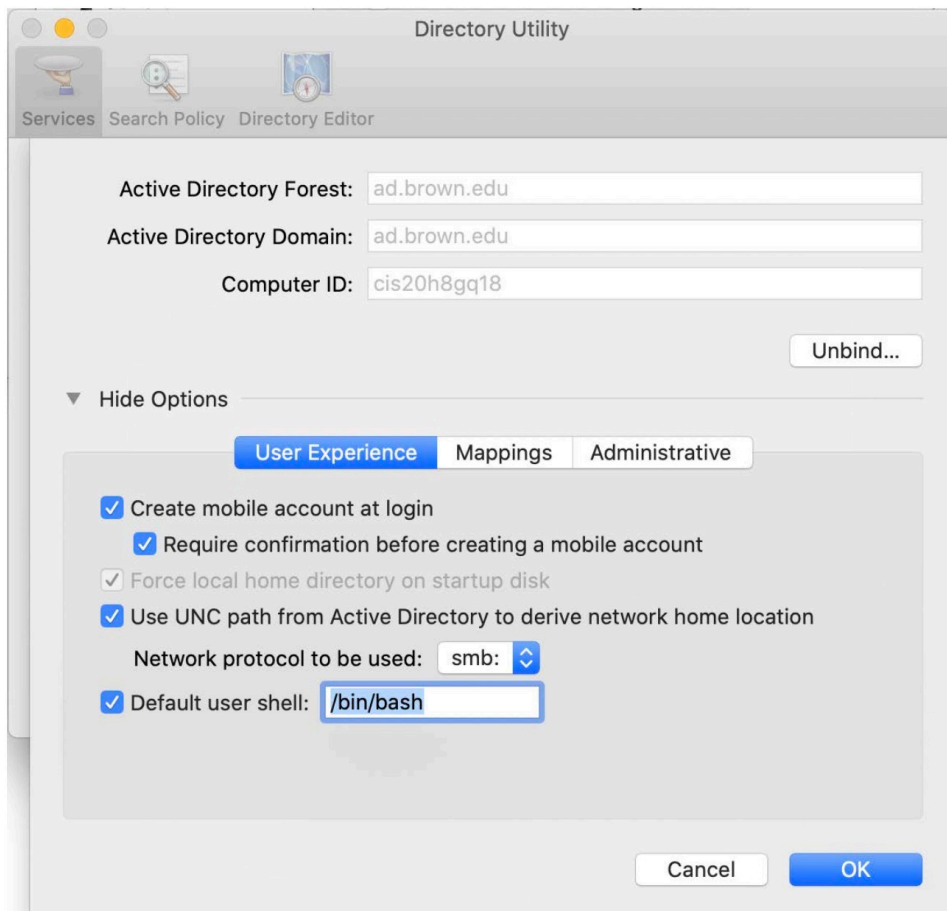
Stephanie Obodda - 2020-12-03 - Comments (0) - Active Directory

Bind a Mac to AD.BROWN.EDU

This process requires you to have access to add machines to AD.

If you do not have this access and think you should, contact the IT Service Center.

User experience tab:



The screenshot shows the 'Directory Utility' window on a Mac. The 'Services' tab is selected, and the 'Directory Editor' sub-tab is active. The 'Active Directory Forest' is set to 'ad.brown.edu', the 'Active Directory Domain' is 'ad.brown.edu', and the 'Computer ID' is 'cis20h8gq18'. An 'Unbind...' button is visible. Below the 'Hide Options' section, the 'User Experience' tab is selected, showing several checked options: 'Create mobile account at login', 'Require confirmation before creating a mobile account', 'Force local home directory on startup disk', and 'Use UNC path from Active Directory to derive network home location'. The 'Network protocol to be used' is set to 'smb', and the 'Default user shell' is set to '/bin/bash'. 'Cancel' and 'OK' buttons are at the bottom right.

Directory Utility

Services Search Policy Directory Editor

Active Directory Forest: ad.brown.edu

Active Directory Domain: ad.brown.edu

Computer ID: cis20h8gq18

Unbind...

▼ Hide Options

User Experience Mappings Administrative

- ☒ Create mobile account at login
 - ☒ Require confirmation before creating a mobile account
- ☒ Force local home directory on startup disk
- ☒ Use UNC path from Active Directory to derive network home location

Network protocol to be used: smb

☒ Default user shell: /bin/bash

Cancel OK

Mappings tab:

Active Directory Forest: - Automatic -

Active Directory Domain: ad.brown.edu

Computer ID: cis2xxy10031

Bind...

▼ Hide Advanced Options

User Experience Mappings Administrative

Select options below to use specific Active Directory attributes instead of dynamically generated information for Mac OS X:

☐ Map UID to attribute: uniqueID

☐ Map user GID to attribute: primaryGroupID

☐ Map group GID to attribute: gidNumber

Cancel OK

Administrative tab:

Note: By not tying to a specific domain controller, the machine will get the first available controller in our setup.

Active Directory Forest: - Automatic -

Active Directory Domain: ad.brown.edu

Computer ID: cis2xxyl0031

Bind...

Hide Advanced Options

User Experience | Mappings | Administrative

☐ Prefer this domain server: server.domain.forest.example.com

This domain server will be used when available

☒ Allow administration by: domain admins
enterprise admins

+ - All members of these groups will have administrator privileges on this computer.

☒ Allow authentication from any domain in the forest

Cancel OK

Authentication

Enter your username and password. For Computer OU, entering the specific path will allow you to drop the computer into the correct OU.

EXAMPLE:

OU=Accounting,OU=Controller,OU=ITSCManaged,OU=CIS
Managed,OU=Departments,DC=AD,DC=Brown,DC=Edu

OU Lookup: (requires Shibboleth authentication)

<http://www.brown.edu/cis/services/support-consultants/lookup/>

Network Administrator Required

Username:

Password:

Computer OU:

☒ Use for authentication

☒ Use for contacts

Cancel OK

Enter your credentials.

Check both "Use authentication and contacts"

Click OK.

Note: If the Mac's clock is off even by a minute or two, it can cause errors that will prevent binding. Make sure the clock is sync'ed.