



BROWN CIS IT Service Center

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Bind a Mac to Active Directory

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Bind a Mac to AD.BROWN.EDU

By not tying to a specific domain controller, it allows us to get the first available controller in our setup.

It does requires you to be a Level 1 or Level 2 Delegate (CAP form) in order to bind but I was able to bind using the appropriate DNS entry without picking one of the domain controllers.

User experience tab:

The screenshot shows the 'Bind to Active Directory' dialog box in macOS. The 'Active Directory Forest' is set to '- Automatic -'. The 'Active Directory Domain' is 'ad.brown.edu'. The 'Computer ID' is 'cis2xxy10031'. A 'Bind...' button is visible. Below the main fields, there is a section for 'Hide Advanced Options' with three tabs: 'User Experience', 'Mappings', and 'Administrative'. The 'User Experience' tab is selected and contains the following options:

- 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

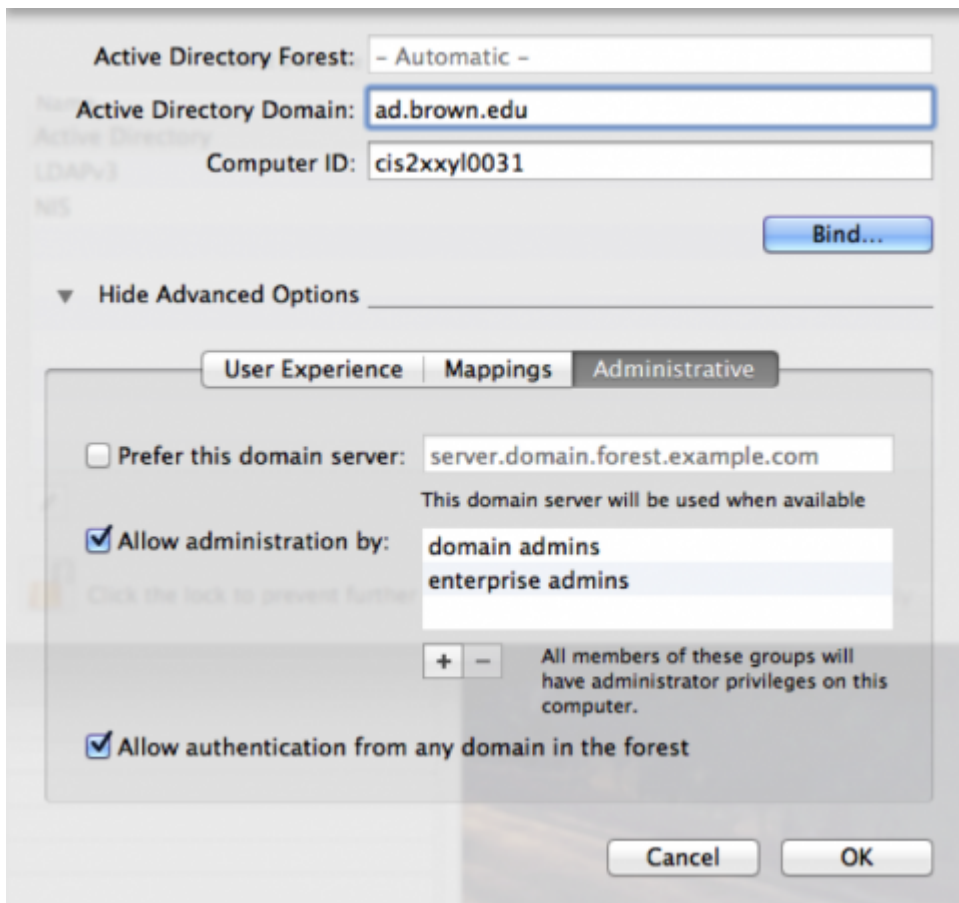
At the bottom of the dialog are 'Cancel' and 'OK' buttons.

Mappings tab:

The screenshot shows a configuration window with the following fields and options:

- Active Directory Forest: - Automatic -
- Active Directory Domain: ad.brown.edu
- Computer ID: cis2xxy10031
- Bind... button
- Hide Advanced Options (expanded)
- Tabbed interface with three tabs: User Experience, Mappings (selected), and Administrative.
- Text: "Select options below to use specific Active Directory attributes instead of dynamically generated information for Mac OS X:"
- Three unchecked checkboxes with corresponding text boxes:
 - Map UID to attribute: uniqueID
 - Map user GID to attribute: primaryGroupID
 - Map group GID to attribute: gidNumber
- Cancel and OK buttons at the bottom right.

Administrative tab:



Authentication

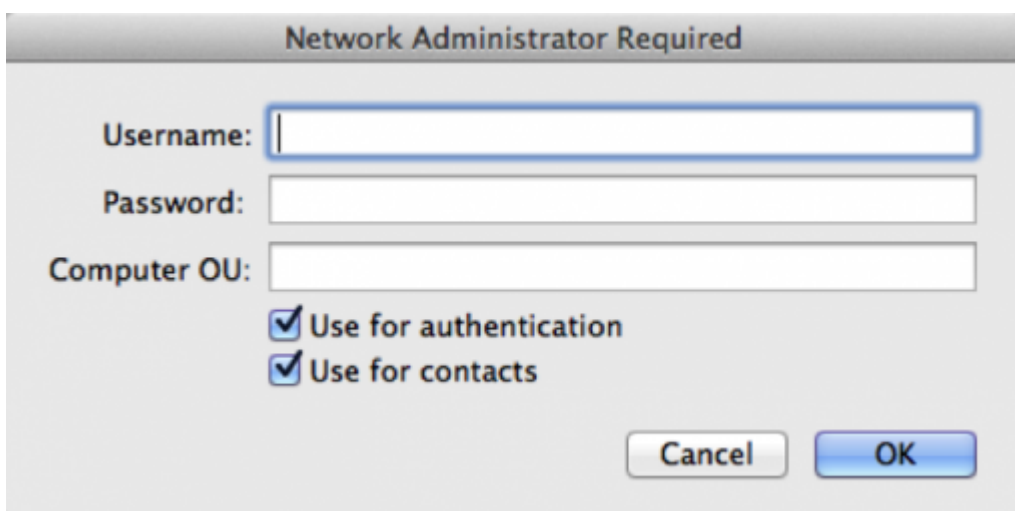
Enter your username and password. For Computer OU, entering the specific path will allow you to drop the computer into the correct OU.

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/>



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.

Tags

Network