Going Old School, Using the Old Tools

Sam Bergin

sam@macserv.com

Mac SERV

Snow Leopard Tools

Server Admin

Workgroup Manager

Terminal.app

Thursday, April 19, 2012

Lion Tools

Server Admin

Workgroup Manager

Server.app

Terminal.app

Server Admin

Differences...

10.6

Select the services to configure on this server:

- Address Book
- AFP
- DHCP
- DNS
- Firewall
- FTP
- iCal
- iChat
- Mail
- Mobile Access
- MySQL
- NAT
- NetBoot
- NFS
- Open Directory
- Podcast Producer
- Print
- Push Notification
- QuickTime Streaming
- RADIUS
- SMB
- Software Update
- VPN
- Web
- Xgrid

10.7

Select the services to configure on this server:

- DHCP
- DNS
- Firewall
- Mail
- NAT
- NetBoot
- Open Directory
- Podcast Producer
- RADIUS
- Software Update
- Xgrid

Server Admin

Missing in Action in 10.7?

Address Book

AFP

FTP

iCal

iChat

Mobile Access

MySQL

NFS

Print

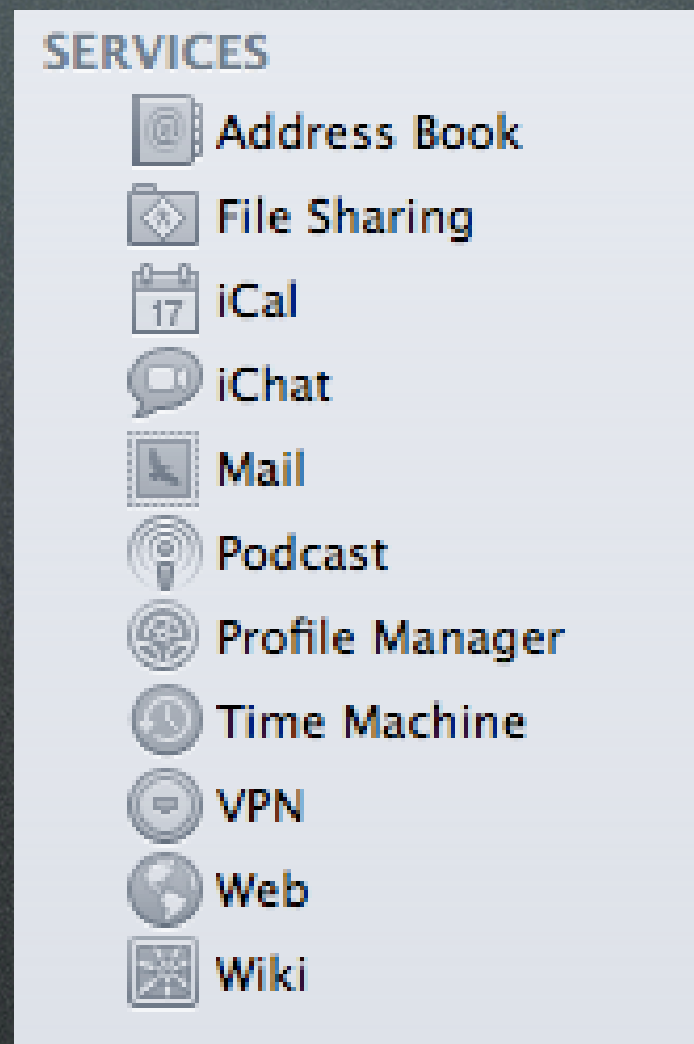Push Notification

QuickTime Streaming

SMB

VPN

Web

Server.app

Fills in some of the holes...

Server Admin

DOA Services in 10.7...

- FTP

- Print

- MySQL

- QuickTime Streaming

Server Admin

DOA in 10.7...

FTP

Insecure

Clunky and inflexible

Look at something like Rumpus

If you MUST have FTP, check out PureFTPd Manager

Server Admin

DOA in 10.7...

Print

Under-utilized by most users

Stuck with simple CUPS sharing in Sharing pane

Access advanced features at http://127.0.0.1:631

Server Admin

DOA in 10.7...

MySQL

Swapped out for Postgres, but no GUI

Postgres required by Wiki and Device Manager

Open source MySQL installer still available

Server Admin

DOA in 10.7...

QuickTime Streaming

Open source Darwin option?

Darwin Streaming Server

Server Admin vs. Server.app

Mail is configurable in both apps

Podcast (Server) & Podcast Producer provide different functionalities.
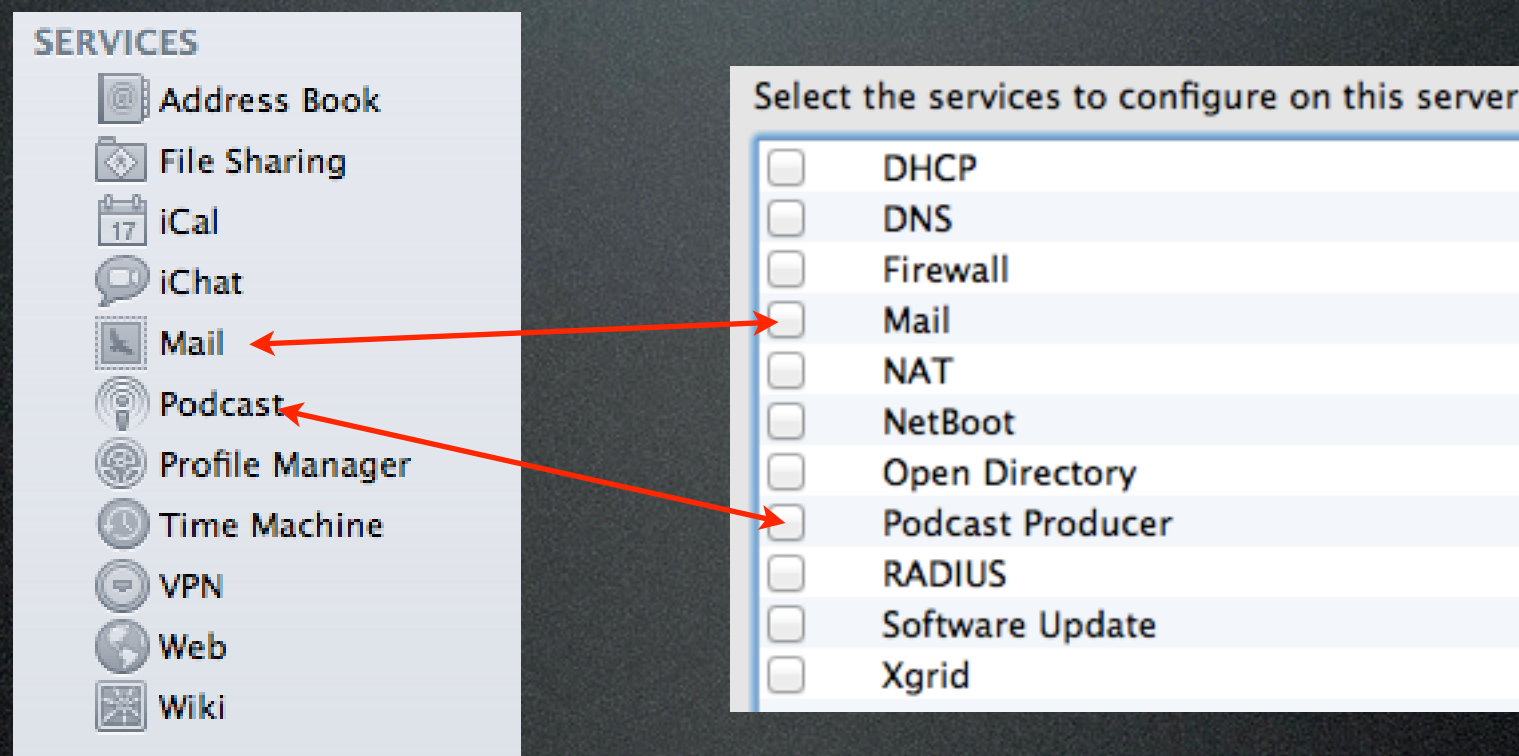
Server.app

Basic Mail server configuration
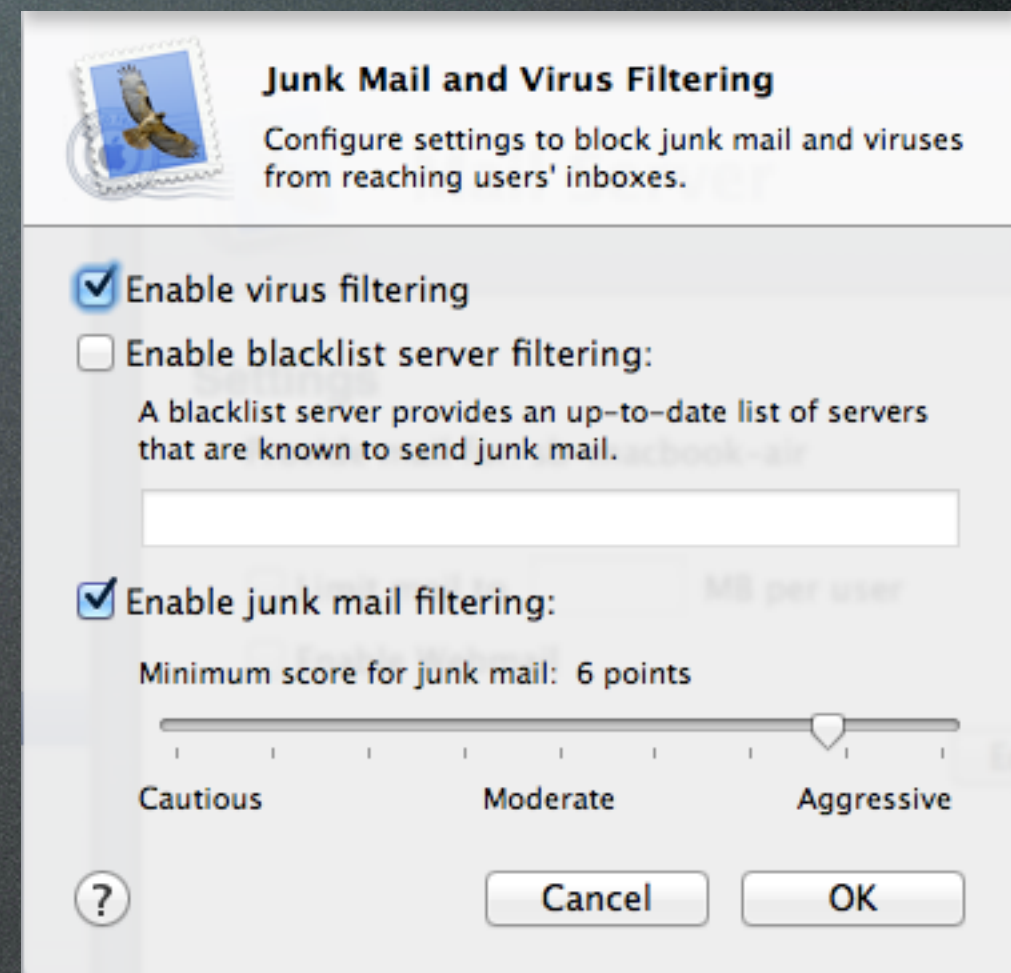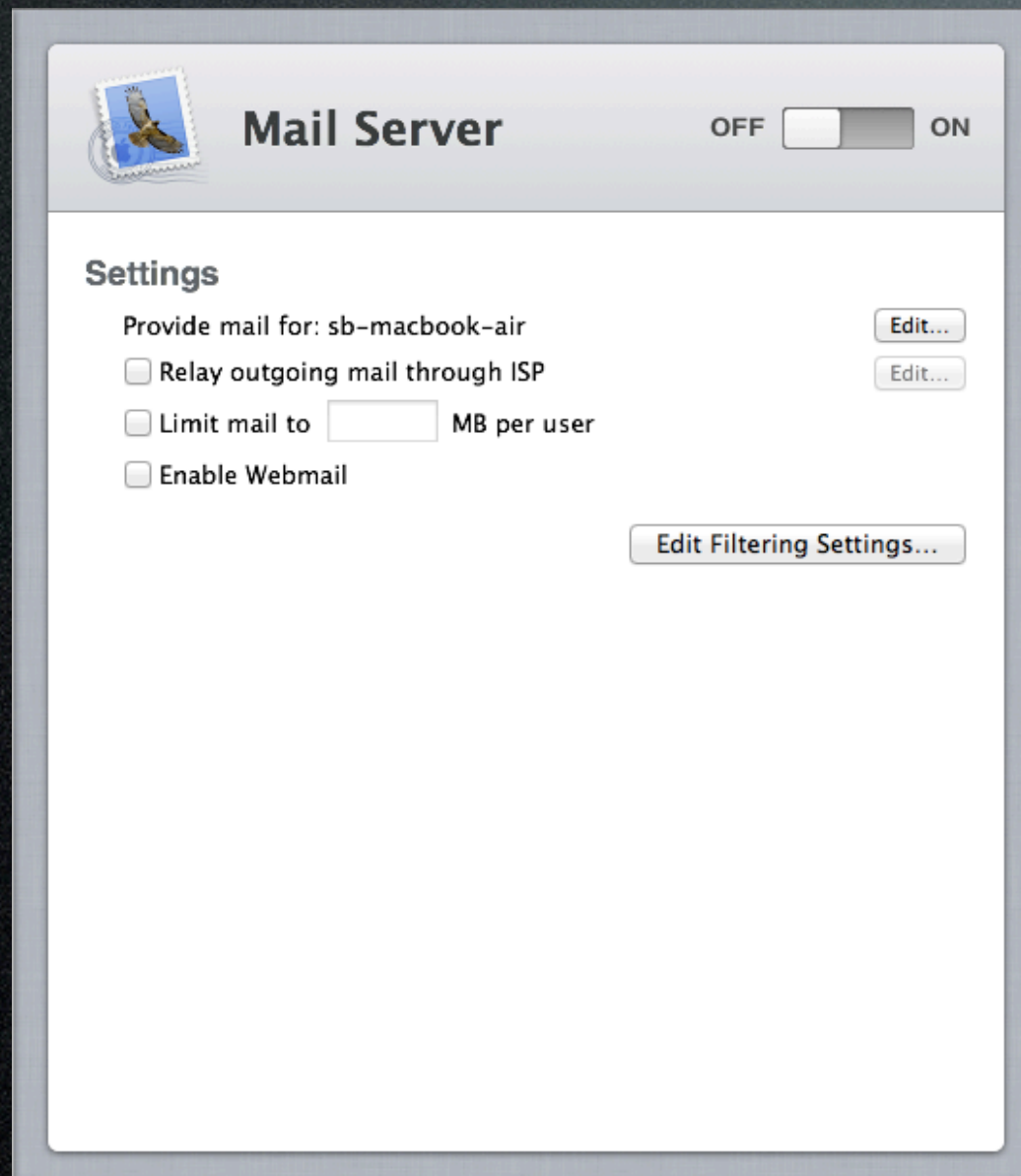
Server Admin

- Advanced Mail server configuration

- Advanced DNS

- Firewall configuration

- Using RADIUS

Server Admin
Advanced Mail server configuration

Server Admin
Advanced Mail server configuration

Server Admin

Advanced DNS Configuration

Server Admin

Firewall

Server Admin

RADIUS
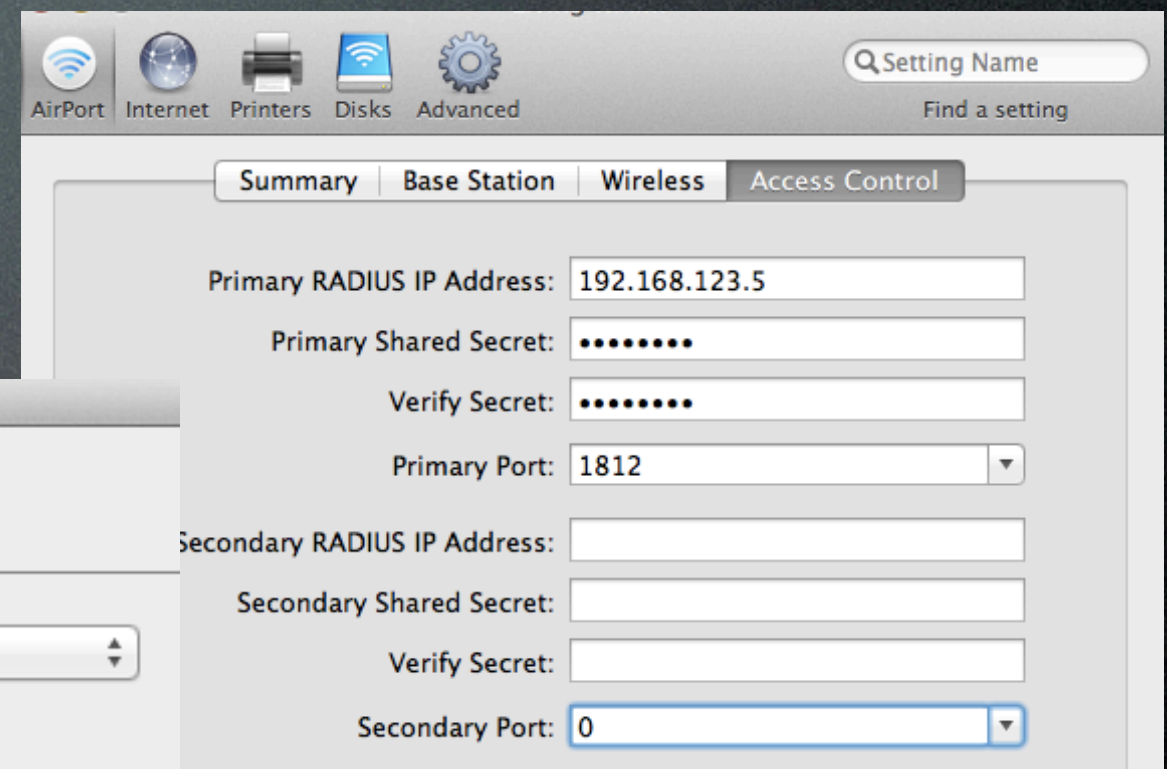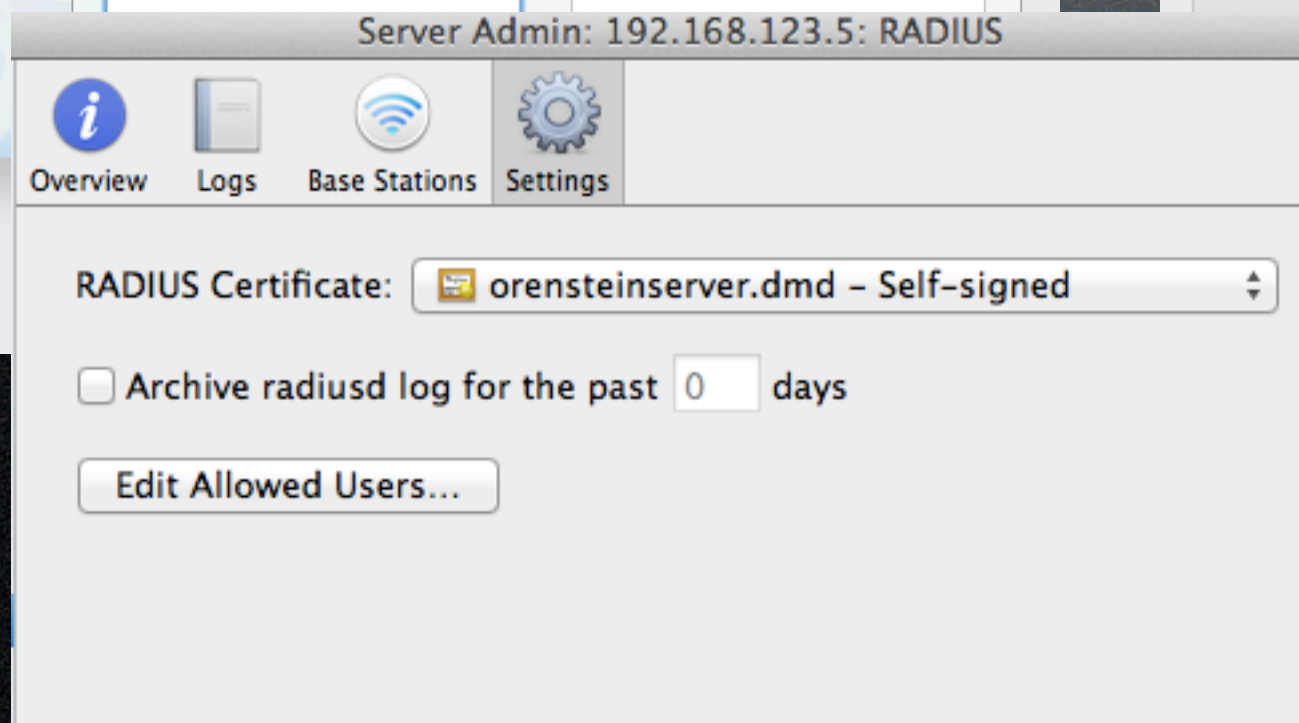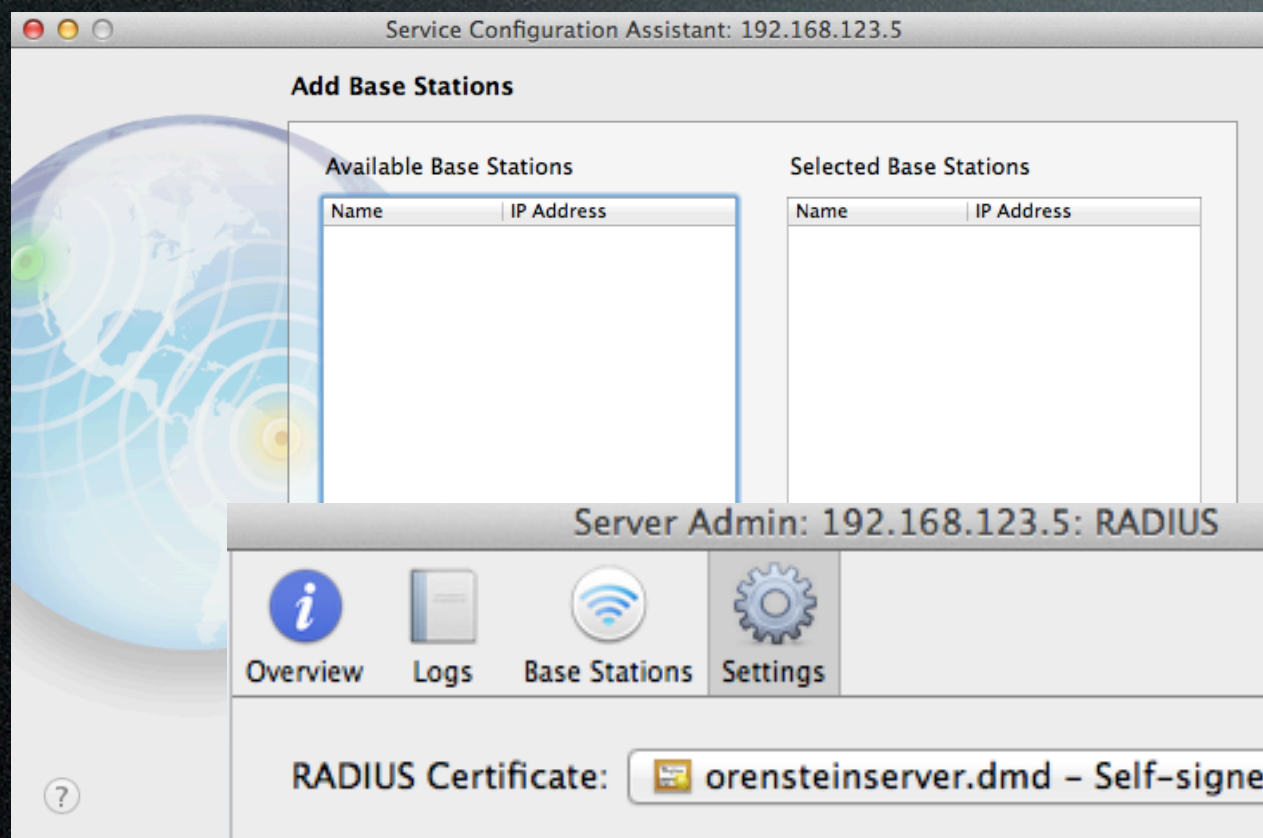
Server Admin

Working with Open Directory

Open Directory controls are identical to the version that shipped with 10.6.

The major difference is that ODM creation should occur from within Server.app. Typical DNS warnings and requirements apply.

Workgroup Manager

- User and Group Management

- Directory Editor

- Computer and Computer Group Management
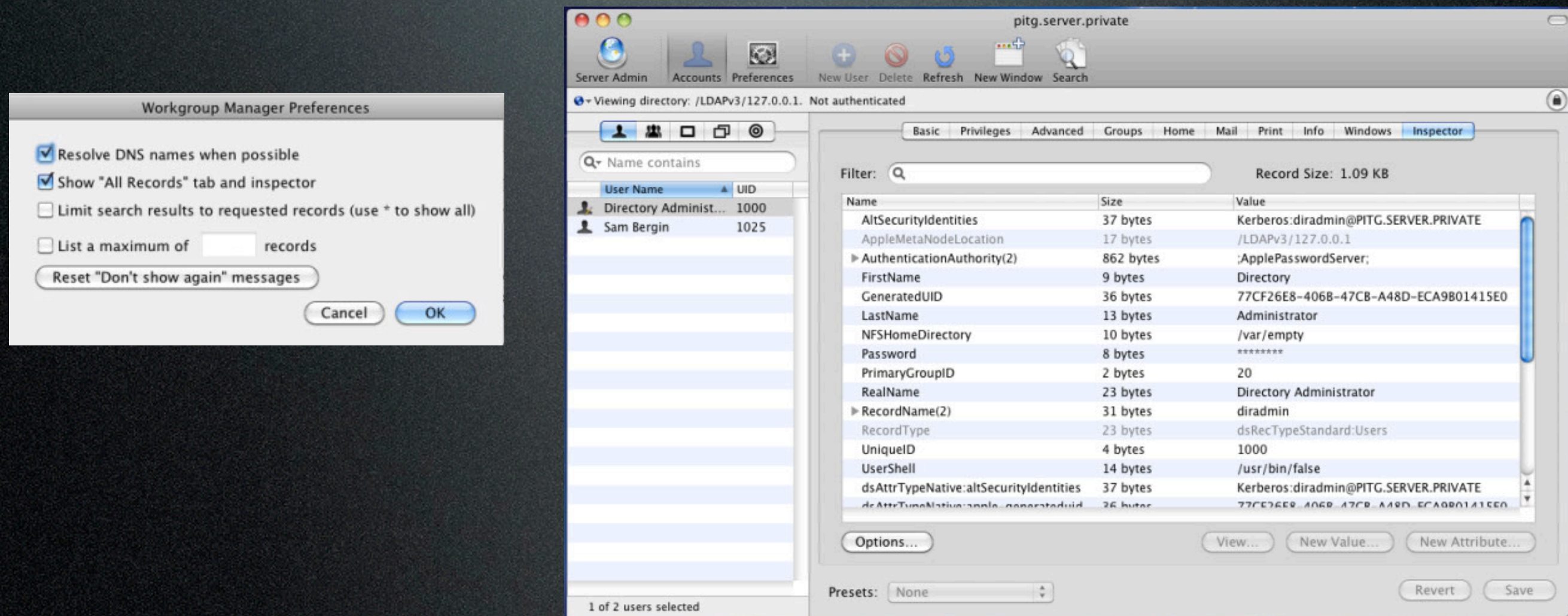
- MCX

Workgroup Manager

Prior to 10.7, we used Inspector in WGM to access advanced directory information.

Workgroup Manager

In 10.7, we use Directory Editor to access advanced directory information.

Workgroup Manager

MCX

Still a part of 10.7, but deprecated
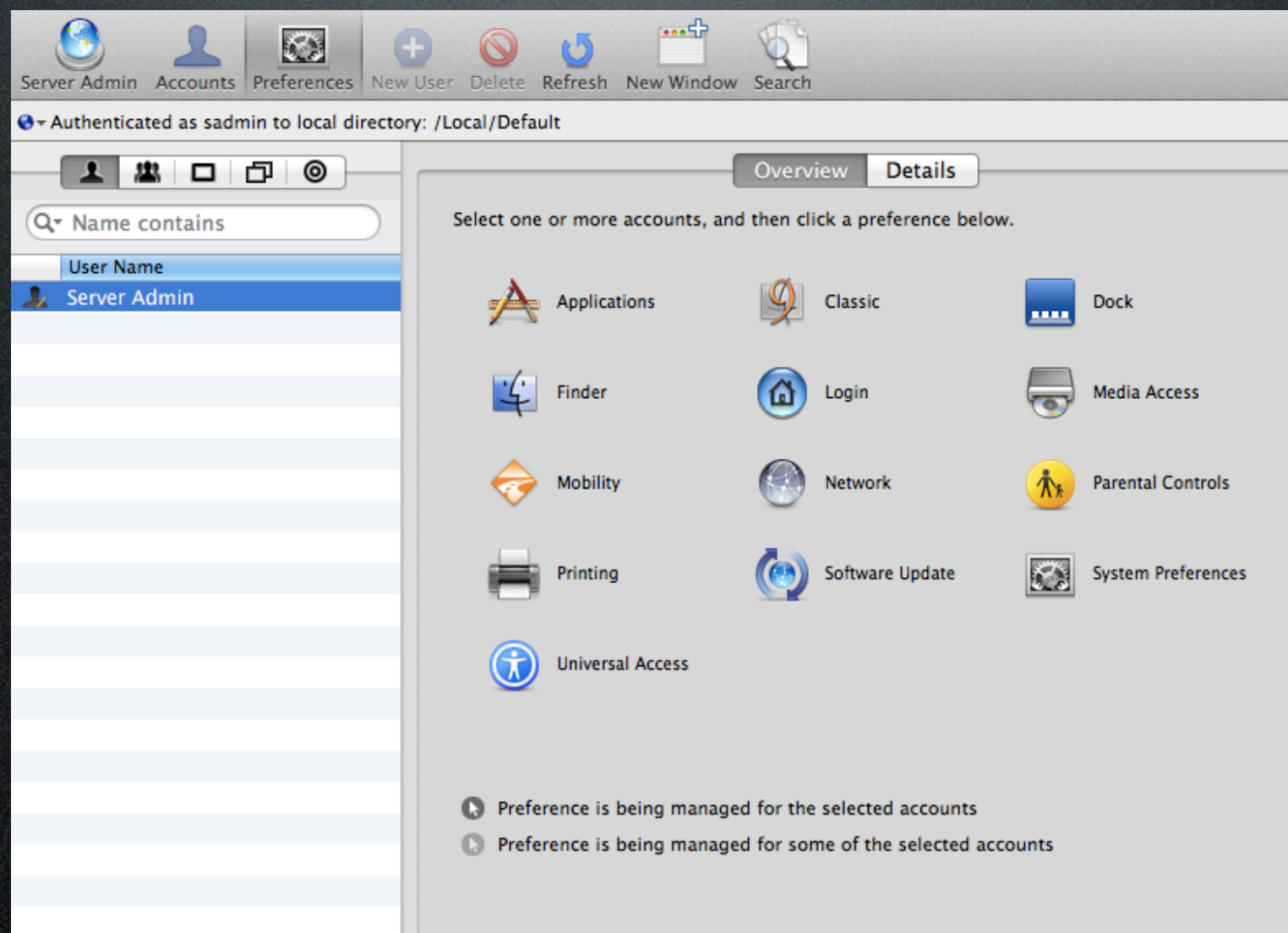
Command Line Gems

serveradmin   Access server admin daemon

```
sudo serveradmin start afp
```

mcxquery   Managed Client query tool

```
mcxquery -user jane -group science -computer lab1_12
```

dscl   Directory Service utility

```
sudo dscl /LDAPv3/127.0.0.1 -list /Users
```

nfsd   NFS daemon

```
nfsd status
```

dseditgroup   Group record manipulation

```
sudo dseditgroup -o create com.apple.access_afp
```

Summary

 Server.app

 Server Admin

 Workgroup Manager

 Terminal.app

Q & A

Sam Bergin
sam@macserv.com