Casper Overview

- Inventory
- Management
- Imaging
- Deployment
Casper Overview

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- Imaging
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Casper Inventory

- Breadth and depth of data collection
  - Application inventory
  - Font inventory
  - Active Directory status and domain information
  - Hardware and software purchasing information
  - Printers mapped to computers
Casper Inventory

- Active inventory and interoperability
- Smart groups
- Apple’s Global Service Exchange (GSX)
- Apple Software Update Server (ASUS)
- Associate users to devices via any LDAP service
- Create custom fields with Extension Attributes
- Data exports to .txt, csv and xml formats
Casper Inventory

- Alerting and Reporting
  - Email alerts
  - Alerts on hard drive health via S.M.A.R.T
  - Tracking of licensed software
  - Customized reporting (PDF)
Casper Overview

- Inventory
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Casper Management

- Computer Management
- Policies
- Managed Preferences
- Configuration Profiles
- Restricted Software
- PreStage Imaging
- Disk Encryption Configurations
Casper Management

- Computer Groups
- Smart Computer Groups
- Static Computer Groups
Casper Overview

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Casper Admin
Casper Admin

- OS Image separate from all software packages
- Parent and Child relationships
- Create partitions on the drive for different configurations (i.e. BootCamp)
- Allows you to choose a WinClone image for windows deployment
Casper Admin

- Accepts Composer built .dmg or .pkg formats
- Accepts commercial .pkg files
- Ability to create compiled images
- Local or Cloud based
Casper Imaging

Installation - / - disk0s2

Target Drive: MBR478-E3F

Computer Name: MBR478-E3F

Install Configuration: MacBook Retina (10.8.3)

Use Distribution Point: Casper AFP (afp://casper.broadinstitute.org/Casp...)

Automated Imaging Options

- Store all imaging information for this computer in the JSS
- Automatically image this Computer the next time Casper Imaging is launched
- Cache a copy of every Package and Script for re-imaging
- Skip the 60–120 Second Delay before Casper Imaging automatically images

Install
Casper Imaging

- Can be run from another partitions
- External Drive
- NetBooted
Casper Overview

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Casper Deployment

- Casper Self Service
- Casper Remote
- Policy Based Installs
- Cached Software
Casper Self Service

Featured

Firefox 21
Google Chrome
Google Drive
Install
Install
Install

Install Office 2011 14.3.2 Update
Install vpn
Install XQuartz
Install
Install

MacPyMOL-1.5.0.4
Microsoft Office 2011
Remote Desktop Connection 2
INSTALL
INSTALL
INSTALL

Sophos Anti-Virus
Thunderbird 17.0.6
VMware View
INSTALL
INSTALL
INSTALL

Categories

Featured
190 Printers
301B Printers
320C Printers
SCC Printers
7CC Printers
Apple
Base Software
DNA Analysis
Google
Java
JMP
Map Printers
Microsoft
Microsoft Updates
Mozilla
Office Support Programs
Phone Applications
Terminal Editors
Visualization
VMware
VPN
Casper Remote
## Policy Based Installs

<table>
<thead>
<tr>
<th>Policy Name</th>
<th>Triggered By</th>
<th>Scope</th>
<th>Packages</th>
<th>SWU</th>
<th>Advanced</th>
<th>Show Plan</th>
<th>View Status</th>
<th>Edit Policy</th>
<th>Delete Policy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Install Prism 5.0d-Lic</td>
<td>every15</td>
<td>All</td>
<td>1</td>
<td>N</td>
<td>Y</td>
<td>Show Plan</td>
<td>View Status</td>
<td>Edit Policy</td>
<td>Delete Policy</td>
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<tr>
<td>Prism License Update</td>
<td>every15</td>
<td>All</td>
<td>1</td>
<td>N</td>
<td>Y</td>
<td>Show Plan</td>
<td>View Status</td>
<td>Edit Policy</td>
<td>Delete Policy</td>
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<tr>
<td>Software Upate</td>
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<td>0</td>
<td>0</td>
<td>Y</td>
<td>N</td>
<td>Show Plan</td>
</tr>
<tr>
<td>Update K2Client</td>
<td>any</td>
<td>All</td>
<td>1</td>
<td>N</td>
<td>Y</td>
<td>Show Plan</td>
<td>View Status</td>
<td>Edit Policy</td>
<td>Delete Policy</td>
</tr>
</tbody>
</table>

Friday, June 14, 13
Casper Demo

- Casper.broadinstitute.org
Questions & Answers
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Friday, June 14, 13