SCCM SOFTWARE CENTER

Using an App Store Model

Cristopher Alaya & Rebecca Schaffer
WHO WE ARE

• WPUNJ - Information Technology
  • Enterprise System Services
• Windows Client Devices (Desktops - Laptops - Tablet Computers)
  • OS & Software Deployments
  • Automating processes
  • Centralized management of client devices
OUR OLD MODEL

• Users had to request software
  • Generated Help Desk tickets, calls

• If a software package was available, Help Desk technicians would initiate deployments on a per-computer basis

• If a software package wasn’t available, Help Desk would install software via Remote Control or send Field Support on-site to perform the install

• End result = a lot of time spent
WHAT IS SCCM?

- A comprehensive solution for managing computers across an entire organization
**USING THE SOFTWARE CENTER**

![Software Center Interface](image)

### Available Software

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Publisher</th>
<th>Available As</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adobe Dreamweaver CC x64</td>
<td>Application</td>
<td>Adobe</td>
<td>1/29/2014</td>
<td>Available</td>
</tr>
<tr>
<td>Adobe Fireworks CC x64</td>
<td>Application</td>
<td>Adobe</td>
<td>3/4/2014</td>
<td>Available</td>
</tr>
<tr>
<td>Adobe Flash Professional CC</td>
<td>Application</td>
<td>Adobe</td>
<td>3/4/2014</td>
<td>Available</td>
</tr>
<tr>
<td>Adobe Illustrator CC x64</td>
<td>Application</td>
<td>Adobe</td>
<td>1/29/2014</td>
<td>Available</td>
</tr>
<tr>
<td>Adobe InDesign CC x64</td>
<td>Application</td>
<td>Adobe</td>
<td>1/29/2014</td>
<td>Available</td>
</tr>
<tr>
<td>Adobe Photoshop CC x64</td>
<td>Application</td>
<td>Adobe</td>
<td>1/29/2014</td>
<td>Available</td>
</tr>
</tbody>
</table>

**Adobe Dreamweaver CC x64**

- **Overview**
  - Status: Available
  - Version: Creative Cloud
  - Date published: Not specified
  - Help documents: None

- **Requirements**
  - Restart required: Might be required
  - Estimated size: 678 MB
  - Estimated time: Not specified
  - Total components: 1

- **Description**
  - Adobe Creative Cloud Dreamweaver x64

[INSTALL]
### Using the Software Center

#### Available Software

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Publisher</th>
<th>Available After</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adobe Acrobat XI Professional</td>
<td>Application</td>
<td>Adobe</td>
<td>3/12/2014</td>
<td>Installed</td>
</tr>
<tr>
<td>Adobe Dreamweaver CC x64</td>
<td>Application</td>
<td>Adobe</td>
<td>1/29/2014</td>
<td>Downloading (79% complete)</td>
</tr>
<tr>
<td>Google Chrome</td>
<td>Application</td>
<td>Google</td>
<td>9/24/2013</td>
<td>Installed</td>
</tr>
<tr>
<td>Microsoft Office 2013</td>
<td>Application</td>
<td>Microsoft</td>
<td>4/16/2014</td>
<td>Installed</td>
</tr>
</tbody>
</table>

#### Adobe Dreamweaver CC x64

**Overview**
- Status: Downloading (79% complete)
- Version: Creative Cloud
- Date published: Not specified
- Help document: None

**Requirements**
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- Estimated time: Not specified
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**Description**
Adobe Creative Cloud Dreamweaver x64

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**CANCEL**
### Using the Software Center

A screenshot of the Software Center showing installed software. The table includes columns for Software Name, Install Date, Size, and a brief description of Adobe Dreamweaver CC x64.
# SOFTWARE INSTALLATION STRATEGIES

<table>
<thead>
<tr>
<th></th>
<th>Time</th>
<th>Man power</th>
<th>Standardization</th>
<th>User Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide the user with admin rights*</td>
<td>✅</td>
<td>✅</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td>Send tech to install software</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td>Help Desk installs via Remote Control</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td>Help Desk deploys Software Package</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
</tr>
<tr>
<td>New way: Self Service from Software Center</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
</tr>
</tbody>
</table>

* Providing end users with administrative rights is a huge security risk.
TAILORED APPLICATION AVAILABILITY IN YOUR ENVIRONMENT

- Determine what apps get deployed to which users or computers
CUSTOMIZE THE LOOK & FEEL
SOFTWARE CENTER “OPTIONS”
APPLICATION DETECTION METHODS
Requirements

Create Requirement

Category:
Device

Condition:
Total physical memory
Active Directory site
Configuration Manager site
CPU speed
Disk space
Number of processors
Operating system
Operating system language
Organizational unit (OU)
Ownership
Total physical memory
Windows Store inactive
Value (MB):
DEPENDENCIES

Define a group of applications that will satisfy a specific software dependency.

Specify one or more applications. If any one of the specified applications is present on a device, this dependency group is considered satisfied for that device. To automatically install one of these applications if none are detected, check Auto Install for the desired applications. Installation attempts will occur in the order listed.

Dependency group name: .NET Framework 4.5.1

<table>
<thead>
<tr>
<th>Priority</th>
<th>Application</th>
<th>Supported Deployment Types</th>
<th>Auto Install</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>.NET Framework 4.5.1</td>
<td>.NET Framework 4.5.1, KB28587...</td>
<td>✔️</td>
</tr>
</tbody>
</table>
SOME DRAWBACKS
THANK YOU

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