Administering Adobe Creative Suite 5/5.5 with the Casper Suite

Technical Paper Casper Suite v9.0 or Later 8 January 2014





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Introduction

What's in This Guide

This guide provides step-by-step instructions on how to deploy, update, and report on Adobe[®] Creative Suite[®] 5 or Adobe Creative Suite 5.5 with Adobe technologies and the Casper Suite.

Important Concepts

Administrators using this guide should be familiar with the following Casper Suite-related concepts:

- Package and script management
- Policies and scope
- License management
- Application usage reporting
- Smart computer groups

Before You Begin

Before using the instructions in this guide, make sure you are familiar with the following concepts:

Adobe CS5/5.5 Deployment Planning

Adobe recommends that you do some planning before deploying Adobe CS5/5.5. For more information, see "Planning for Deployment" in Adobe's CS5 Enterprise Deployment Guide.

Adobe Application Manager Enterprise Edition 2.1

Deploying Adobe CS5/5.5 with the Casper Suite requires Adobe Application Manager Enterprise Edition (AAMEE) 2.1. Before installing AAMEE, make sure you are familiar with the installation guidelines and version requirements.

For more information, see "Deployment Tools" in the "Using the Adobe Application Manager for Enterprise Deployment" section of Adobe's *CS5 Enterprise Deployment Guide*.

Additional Resources

For more information about the applications, concepts, and processes mentioned in this guide, see the following documentation:

- Casper Suite Administrator's Guide
 http://www.jamfsoftware.com/product-documentation/administrators-guides
- CS5 Enterprise Deployment Guide
 <u>http://www.adobe.com/content/dam/Adobe/en/devnet/creativesuite/pdfs/DeployGuide_CS5.pdf</u>

Overview

In the past, Mac administrators have used the Casper Suite together with Adobe technologies to administer Adobe Creative Suite products in the enterprise. Similar workflows can now be used to administer Adobe Creative Suite 5 (CS5) and Adobe Creative Suite 5.5 (CS5.5).

Administrators can package Adobe CS5/5.5 products and updates with Adobe Application Manager Enterprise Edition (AAMEE) 2.1 and deploy them with the Casper Suite.

The Casper Suite's reporting capabilities can also help administrators manage Adobe CS5/5.5 licenses. Administrators can evaluate license compliance, view and report on the licenses in use, and view how frequently Adobe CS5/5.5 is used.

Requirements

To administer Adobe CS5/5.5 using the instructions in this guide, you need:

- The JAMF Software Server (JSS) v9.0 or later
- Casper Admin
- Composer
- Adobe Application Manager Enterprise Edition (AAMEE) 2.1 for Mac You can download AAMEE 2.1 from Adobe at: <u>http://www.adobe.com/devnet/creativesuite/enterprisedeployment.html</u>
- Adobe CS5/5.5 installer media

Deploying Adobe CS5/5.5

Deploying Adobe CS5/5.5 involves the following steps:

- 1. Build a CS5/5.5 deployment package using AAMEE.
- 2. Add the deployment package to Casper Admin.
- 3. Deploy the deployment package.
- 4. Installing products in the Exceptions folder.

Building an Adobe CS5/5.5 Deployment Package

The first step to deploying Adobe CS5/5.5 is to build a deployment package using Adobe's custom enterprise deployment tool, AAMEE 2.1.

- 1. Open AAMEE.
- 2. If you are opening AAMEE for the first time, read and accept the License Agreement.
- 3. Choose to build a CS5/5.5 installation package.
- 4. Enter information on the panes to build the package. For complete instructions, see "Creating Deployment Packages" in Adobe's *CS5 Enterprise Deployment Guide*.

JAMF Software makes the following recommendations for deployment packages:

- If you plan to deploy Acrobat[®] X Pro, include it in a package with other CS5/5.5 products instead of deploying it separately.
- Disable Adobe AIR[®] components in the package. (This option is displayed on the Configuration pane.)

Leaving AIR components enabled limits your deployment options. Packages with AIR components enabled can only be deployed with a login policy, during imaging, or using Self Service. Packages with AIR components disabled can be deployed at any time.

• Configure the package to ignore conflicting processes. (This option is displayed on the Configuration pane.)

When you are finished, AAMEE creates a folder in the location that you specified. (You specified the name and location for the folder on the Media and Package Identification pane in AAMEE.) This folder contains a Build folder that contains the deployment package.

Adding the Deployment Package to Casper Admin

Add the deployment package to Casper Admin so you can deploy it using a policy.

- 1. Open Casper Admin and authenticate to the JSS.
- 2. Drag the package to the main repository in Casper Admin.

The package is displayed in blue text until you add it to a category.



- 3. Double-click the package in the main repository.
- 4. Click the **General** tab and choose a category for the package.

| l 🖸 🖸 | nformation for Adobe | CS5Install.dmg | |
|---------------------|----------------------|----------------|--------|
| | | | |
| | Summary Genera | d Options | |
| Display Name | | Category | |
| AdobeCS5Install.dmg | | Unknown | \$ |
| Filename | | | |
| AdobeCS5Install.dmg | | | |
| Auobecssinstall.umg | | | |
| | | | |
| Notes | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Previous Next | | Cano | cel OK |

 Click the **Options** tab and choose a priority for the package. The recommended priority for the deployment package is "10".

| Priority: 10 ÷ | Fill user templates (FUT) |
|-----------------------|---|
| Requires restart | Fill existing user home directories (FEU) |
| Install on boot driv | e after imaging |
| ckage Limitations | |
| Allow package to b | e uninstalled |
| OS Requirement: | |
| Install only if archi | tecture type is: PowerPC + |
| Substitute Packag | e: Do not install + |
| Install Only if Avail | able in Software Update |
| | |

6. Click OK.

Deploying the Deployment Package

After adding the deployment package to Casper Admin, you can deploy it using a policy.

Important: Do not use the deployment instructions in this guide if the master distribution point in your JSS is a file share distribution point that uses SMB. For deployment instructions in this case, see the following Knowledge Base article:

Deploying PKGs Created with AAMEE or Creative Cloud Packager

- 1. Log in to the JSS with a web browser.
- 2. Click **Computers** at the top of the page.
- 3. Click **Policies**.

On a smartphone, this option is in the pop-up menu.

4. Click New 🛨.

5. In the General payload, enter a display name for the policy. For example, "Install Adobe CS5" or "Install Adobe CS5.5".

| Options | Scope Self Ser | vice User | Interaction |
|--|---|-----------|--|
| Gene | | | General |
| Packa 0 Packa (in) Softw Not Co | ages ages ware Updates onfigured | | Display Name Display Name Results Results Results Display Name Results |
| Scrip 0 Scrip | ots | | Category Category to add the policy to None 1 |
| B Print | ters ters | | Trigger Event() to use to initiate the policy |
| Disk Not Co | Encryption anfigured | | Startup When a computer starts up. A startup script that checks for policies must be configured in the JSS for this to work |
| Dock | k Items | | Login When a user logs in to a computer. A login hook that checks for policies must be configured in the JSS for this to work |
| Local 0 Acco | I Accounts | | Logout When a user logs out of a computer. A logout hook that checks for policies must be configured in the JSS for this to work |
| A Mana Not Co | agement Account onfigured | | Network State Change When a computer's network state changes (e.g. when the network connection changes, when the computer name changes, when the IP address changes) |
| Direc 0 Bindi | ctory Bindings | | Enrollment Complete Immediately after a computer completes the enrollment process |
| EFI P | assword anfigured | | Recurring Check-in At the recurring check-in frequency configured in the JSS |
| Config | art Options | | Custom At a custom event |
| X Main Not Co | itenance onfigured | | Execution Frequency Frequency at which to run the policy Once per computer a |
| | | | Cancel |

- 6. Select **Login** as the trigger.
- 7. Choose "Once per Computer" from the **Execution Frequency** pop-up menu.
- 8. Select the Packages payload and click **Configure.**
- 9. Click **Add** for the deployment package.
- 10. Choose "Install" from the **Action** pop-up menu.

| Optio | ons Scope | Self Service | User Interaction |
|--|--|--------------|---|
| 8 | General | | AdobeCS5Install.dmg 🕞 👁 |
| (a) (b) (c) (c) | Packages 1 Package Software Up Not Configured Scripts 0 Scripts Printers | dates | Action Action to take on computers Action to take on computers Fill sets remplates (FU) Fill new home directories with the contents of the home directory in the package's Users folder. Applies to DMCs only Fill existing user home directories (FU) Fill existing bane directories (FU) Fill existing home directories (FU) |
| é P | Disk Encrypt Not Configured Dock Items 0 Dock Items | ion | Update Autorun data Add or remove the package from each computer's Autorun data Distribution Point: Distribution Point: Distribution points or download the package() from Environment (Folder Anathene non and) |
| 1 | Local Accourt 0 Accounts | nts | |
| * | Management Not Configured | Account | |
| 5 | Directory Bin 0 Bindings | ndings | |
| | EFI Password Not Configured | 1 | Canal |
| | | | Califer Save |

11. Specify a distribution point for computers to download the package from.

12. Click the **Scope** tab and configure the scope of the policy.

| Target Linitation Exclusion Target Conguest Society Company 1: Confer Company 1: Conf | options | Scope | Self Service | User Interaction |
|--|-------------------------|----------|-----------------|------------------|
| Target Unitation Exclusions Target Compares Compares Compares Sector/Compares Image: Compares Image: Compares Target Type Mod Image: Compares No Target Essential Target Essential Image: Compares | | | | |
| Target Computers Seculit Computers 1 added Target Type No Targets | Targets | Limit | tions Exclusion | ons |
| Specific Computers 1 Add Target Type No Targets | Target Con Computers | to deplo | y the policy to | |
| Add Target Type No Targets | Specific Co | omputers | 0 | |
| Target Type No Targets | + | Add | | |
| No Targets | Target | | Type | |
| No Targets | arget | | 1784 | |
| | No T | arg | ets | |
| | | | | |
| _ | | _ | | |

13. Click Save.

Adobe CS5/5.5 is installed on computers in the scope the next time they check in with the JSS and meet the criteria in the General payload.

Installing Products in the Exceptions Folder

Any components that you chose to disable when building the deployment package, such as Adobe AIR, are stored in an Exceptions folder. The Exceptions folder is located in the AAMEE-created folder on the computer that you used to build the deployment package.

After deploying the deployment package, you can install the products that are in the Exceptions folder as desired.

Installing products in the Exceptions folder involves the following steps:

- 1. Build an Exceptions folder package.
- 2. Create the install script(s).
- 3. Add the Exceptions folder package and the install script(s) to Casper Admin.
- 4. Create a policy to install products that are in the Exceptions folder.

Building an Exceptions Folder Package

The first step to installing products that are in the Exceptions folder is to build a package of the folder using Composer.

- Create a folder called "AdobeExceptions" in the following location: /Library/Application Support/JAMF/
- 2. Move the Exceptions folder from the AAMEE-created folder to the following location: /Library/Application Support/JAMF/AdobeExceptions/
- Open Composer and authenticate locally.
 If you are prompted to choose a package creation method, click Cancel.

4. Drag the Exceptions folder to the sidebar in Composer.

Composer creates a package source from the file and displays it under the Sources list.



- 5. In the toolbar, click **Build as DMG** .
- 6. Choose a location to save the package and click **Save**.

Creating the Install Script(s)

Use the commands provided in the "Creating Installers and Uninstallers for Exceptions Components" section of Adobe's CS5 Enterprise Deployment Guide to create an install script for each product that you want to install.

- 1. Open a text editor.
- 2. Create a new file.
- 3. Type the deployment commands to create the script. For example, if you are installing Adobe AIR, the deployment command would look like this:

```
launchctl bsexec `ps auwwx |grep [l]oginwindow | awk '{ print $2 }'`
/Library/Application\ Support/JAMF/AdobeExceptions/Exceptions/
Adobe\ AIR\ Installer.app/Contents/MacOS/Adobe\ AIR\ Installer -
silent
```

4. Save the file with a .sh file extension. For example, "InstallScript.sh".

Adding the Exceptions Folder Package and the Install Script(s) to Casper Admin

Add the Exceptions folder package and the install script(s) so that you can deploy them using a policy.

- 1. Open Casper Admin and authenticate to the JSS.
- 2. Drag the Exceptions folder package and the install script(s) to the main repository in Casper Admin.

The package and script(s) are displayed in blue text until you add them to a category.

| REPOSITORY All Items FILE SHARE DETRIL (* CalaxyCasper | View Type All Packages Scripts Printers Directory Bindings Dock Items | | Categ Softw Softw Syste Test Unins Unko | iories are are Updates m Configurati itall wn | on | | | |
|---|---|--|---|--|---------------------|-----|-----------|------------|
| | Name | Type DMG Package Shell Script | Category Unknown Unknown | Pric | vrity 0 0 ter | FUT | FEU No | Indexed No |
| | Repa | Configurat Pack Sc Pri Dock It Directory Bind | ions: 0 ages: 1 inters: 1 ems: 0 ings: 0 | | | | | |

- 3. Double-click the package in the main repository.
- 4. Click the **General** tab and choose a category for the package.

| Summary General Option play Name Catego obeExceptions.dmg Unkn name obeExceptions.dmg Item is a DMG with an OS X Installer, or Adobe Updater/Inst o es | dmg |
|--|----------------------|
| Summary General Option play Name Catego obeExceptions.dmg Unkm name obeExceptions.dmg Item is a DMG with an OS X Installer, or Adobe Updater/Inst | |
| play Name Catego obeExceptions.dmg Unkm name obeExceptions.dmg Item is a DMG with an OS X Installer, or Adobe Updater/Inst | s |
| es Next | ry |
| name obeExceptions.dmg Item is a DMG with an OS X Installer, or Adobe Updater/Inst | wn ÷ |
| obeExceptions.dmg Item is a DMG with an OS X Installer, or Adobe Updater/Inst es Next | |
| es | |
| Item is a DMG with an OS X Installer, or Adobe Updater/Inst | |
| es Jus Next | aller for CS3 or CS4 |
| es Jus Next | |
| es | |
| es Jus Next | |
| es Jus Next | |
| es Jus Next | |
| JUS Next | |
| JUS Next | |
| JUS Next | |
| ous Next | |
| JUS Next | |
| ous Next | |
| Dus Next | |
| ous Next | |
| ous Next | |
| ous Next | |
| | Cancel OK |
| | |

Click the **Options** tab and choose a priority for the package.
 The recommended priority for the Exceptions folder package is "8"

| Priority: 8 ‡ | Fill user templates (FUT) |
|-------------------------|---|
| Requires restart | Fill existing user home directories (FEU) |
| Install on boot drive | after imaging |
| ickage Limitations | |
| OS Requirement: | uninstalled |
| Install only if archite | cture type is: PowerPC + |
| Substitute Package: | Do not install \$ |
| | |

- 6. Click OK.
- 7. Double-click the install script in the main repository.
- 8. Click the **Options** tab and verify that the priority is set to "After".

| 000 | Information for InstallScript.sh |
|--------------------|----------------------------------|
| (| Summary General Options |
| Script Options | |
| Priority: After | \$ |
| Parameter Labels | |
| Parameter 4: | Parameter 8: |
| Parameter 5: | Parameter 9: |
| Parameter 6: | Parameter 10: |
| Parameter 7: | Parameter 11: |
| | |
| Script Limitations | |
| OS Requirement: | |
| | |
| | |
| | |
| Previous Next | Cancel |

- 9. Click OK.
- 10. Repeat steps 7-9 for any other install scripts.

Deploying the Exceptions Folder Package and Install Script(s)

After adding the Exceptions folder package and the install script(s) to Casper Admin, you can deploy them using a policy.

- 1. Log in to the JSS with a web browser.
- 2. Click **Computers** at the top of the page.
- 3. Click **Policies**.

On a smartphone, this option is in the pop-up menu.

- 4. Click New +.
- 5. In the General payload, enter a display name for the policy. For example, "CS5 Exceptions" or "CS5.5 Exceptions".

| Options Scope Self Service Use | r Interaction |
|--|--|
| 6 General | General |
| Packages 0 Packages Software Updates Not Configured | Diploy Name Deploy name for the policy menund ✓ Cabdod |
| Scripts 0 Scripts | Category Category to add the policy to |
| Printers 0 Printers | Trigger Event(s) to use to initiate the policy |
| Disk Encryption Not Configured | Startup When a computer starts up. A startup script that checks for policies must be configured in the JSS for this to work |
| Dock Items | Login When a user logs in to a computer. A login hook that checks for policies must be configured in the JSS for this to work |
| Local Accounts 0 Accounts | Logout When a user logs out of a computer. A logout hook that checks for policies must be configured in the JSS for this to work |
| Management Account Not Configured | Network State Change When a computer's network state changes (e.g. when the network connection changes, when the computer name changes, when the IP address changes) |
| Directory Bindings 0 Bindings | Enrollment Complete Immediately after a computer completes the enrollment process |
| EFI Password Not Configured | Recurring Check-in At the recurring check-in frequency configured in the JSS |
| Restart Options Configured | Custom At a custom event |
| X Maintenance Not Configured | Execution Frequency Frequency at which to run the policy Oxec per computer. a) |
| | Cancel |
| | |

- 6. Select **Login** as the trigger.
- 7. Choose "Once per Computer" from the **Execution Frequency** pop-up menu.
- 8. Select the Packages payload and click **Configure**.
- 9. Click Add for the Exceptions folder package.
- 10. Choose "Install" from the **Action** pop-up menu.

| Opti | ions | Scope | Self Service | User Interaction | | ł |
|----------|-------------------------------|------------------------------------|--------------|---|--|---|
| 8 | Gene | ral | | AdobeExce | eptions.dmg 📼 🛞 | |
| @ | Packa 1 Packa | iges ^{ige} vare Und | ates | Action Action to take on Install \$ | i computers | |
| ()) | Not Cor Script | nfigured | utes | Fill user tem | <pre>splates (FUT) rectories with the contents of the home directory in the package's Users folder. Applies to DMGs only user home directories (FEU)</pre> | |
| ÷ | Printe 0 Printe | ers ers | | Fill existing home | a directories with the contents of the home directory in the package's Users folder. Applies to DMGs only run data to package from each computer's Autorum data | |
| 0 | Disk Not Cor | Encrypti nfigured | on | Distribution Data | - | ł |
| <u> </u> | Dock 0 Dock | Items Items | | Each computer's | to download the package(s) from default distribution point | 1 |
| ÷ | 0 Accou | Account ants | Account | | | 1 |
| ** | Not Cor | nfigured | dings | | | |
| | 0 Bindir EFI Pa Not Cor | ngs LSSWOrd nfigured | | | | |
| | | | | | Cancel | |
| | | | | | | |

- 11. Specify a distribution point for computers to download the package from.
- 12. Select the Scripts payload and click **Configure**.
- 13. Click Add for the install script.

| | | | | InstallCarint als | |
|---------|----------|----------|---------|---|-----------------------|
| 1 | Gene | ral | | Installscript.sn | 0.0 |
| | | | | Priority | |
| | Packa | ages | | Priority to use for running the script in relation to other actions | |
| | 1 Packa | age | | After * | |
| | | | | Alter | |
|) | Softw | vare Upd | lates | Parameter Values | |
| - | NOLCO | mgureu | | Values for script parameters. Parameters 1-3 are predefined as mount point, compute | er name, and username |
| | | | | Parameter 4 | |
| - | | | | | |
| | | | | | |
| | 0 Printe | ers | | Parameter 5 | |
| | | | | | |
| éè- | Disk | Encrypti | ion | Descente 6 | |
| ~ | Not Co | nfigured | | Parameter 6 | |
| | Deck | Itome | | | |
| <u></u> | 0 Dock | Items | | Parameter 7 | |
| | | | | | |
| 1 | Local | Accoun | ts | | |
| _ | 0 Acco | unts | | Parameter 8 | |
| | Mana | nement | Account | | |
| Ĥ. | Not Co | nfigured | Account | | |
| | | | | Parameter 9 | |
| 0 | Direc | tory Bin | dings | | |
| | 0 Bindi | ngs | | Parameter 10 | |
| n | EFI Pa | assword | | | |
| | Not Co | nfigured | | | |
| | | | | | |
| | | | | | Cancel Save |
| | | | | | Galicel |

- 14. Choose "After" from the **Priority** pop-up menu.This ensures that the script runs after the Exceptions folder package is installed.
- 15. Repeat steps 13-14 for any other install script(s).
- 16. Click the **Scope** tab and configure the scope of the policy.
- 17. Click Save.

The Exceptions folder package is installed on computers in the scope the next time they check in with the JSS and meet the criteria in the General payload.

Reporting on Adobe CS5/5.5

After deploying Adobe CS5/5.5, you can evaluate license compliance, view and report on the licenses in use, and view how frequently Adobe CS5/5.5 is used.

Reporting on Adobe CS5/5.5 involves the following steps:

- 1. Create a licensed software record.
- 2. Update inventory.
- 3. Evaluate license compliance.
- 4. View license usage matches.
- 5. View application usage logs.

Creating a Licensed Software Record

The first step to reporting on Adobe CS5/5.5 is to create a licensed software record. Licensed software records allow you to store license information in the JSS.

There are two ways to create a licensed software record for Adobe CS5/5.5:

Method 1: Create a Licensed Software Record Using a Licensed Software Template
 Add the licensed software template that specifies software definitions according to the p

Add the licensed software template that specifies software definitions according to the name and version of each application, font, and plug-in.

Method 2: Create a Licensed Software Record Using Software Identification Tags
 Specify software definitions according to Software Identification Tags associated with each software title.

Method 1: Create a Licensed Software Record Using a Licensed Software Template

 Download the licensed software template for the appropriate Adobe CS5/5.5 product from JAMF Nation at:

https://jamfnation.jamfsoftware.com/licensedSoftwareTemplates.html

- 2. Log in to the JSS with a web browser.
- 3. Click **Computers** at the top of the page.

4. Click Licensed Software.

On a smartphone, this option is in the pop-up menu.

- 5. Click **Upload and** upload the licensed software template.
- 6. Click the Licenses tab.
- 7. Click Add 🛨.
- 8. In the **Serial Number 1** and **Serial Number 2** fields, enter serial number(s) for the product as needed.

| icense Information | Purchasing Information | Attachments | | |
|--|----------------------------------|-------------|--------|-------|
| Serial Number 1 Serial number for the s | oftware | | | |
| Serial Number 2 | | | | |
| Organization Name Name of the organizat | ion the license is registered to | | | |
| Licensee Name of the person th | e license is registered to | | | |
| License Type Type of license obtain Standard | ed for the software | | | |
| License Count Number of licenses ow | med | | | |
| | | | Cancel | Caura |

- 9. In the License Count field, enter the number of licenses owned.
- 10. Click **Save**, and then click **Save** again.

Method 2: Create a Licensed Software Record Using Software Identification Tags

- 1. Log in to the JSS with a web browser.
- 2. Click **Computers** at the top of the page.
- 3. Click Licensed Software.

On a smartphone, this option is in the pop-up menu.

- 4. Click **New** +.
- 5. On the General pane, enter a display name for the licensed software record. For example, "Adobe Creative Suite 5" or "Adobe Creative Suite 5.5".

| eneral Licenses | Software Definitions | |
|--|---|--|
| Display Name Display name for the (Required) | cersed software record | |
| ublisher lame of the software | publisher | |
| atform latform that the soft | are is for | |
| Send email notif then the license limit | cation on violation is exceeded, send an email notification to JSS users with email notifications enabled. An SMTP server must be set up in the JSS for this to work | |
| • Exclude individu | I titles from inventory ne of software definitions in inventory.This setting does not work if software definitions are specified using software ID tags | |
| • Exclude titles pu | chased from the App Store the license count if they were purchased from the App Store. This setting does not work if software definitions are specified using software ID tags | |
| lotes lotes about the licen | ed software record | |
| | Cancel Sav | |
| | | |

- 6. Type "Adobe Systems Incorporated" in the **Publisher** field.
- 7. Choose "Mac" from the **Platform** pop-up menu.
- 8. Click the Licenses tab.
- 9. Click Add 🛨.
- 10. In the **Serial Number 1** and **Serial Number 2** fields, enter the serial number(s) for the product as needed.

| icense Information | Purchasing Information | Attachments | | |
|---|---------------------------------|-------------|--|--------|
| Serial Number 1 Serial number for the s | oftware | | | |
| Serial Number 2 | | | | |
| Organization Name Name of the organizati | on the license is registered to | | | |
| Licensee Name of the person the | e license is registered to | | | |
| License Type Type of license obtaine Standard | d for the software | | | |
| License Count Number of licenses ow | ned | | | |
| | | | | Cancel |

- 11. In the License Count field, enter the number of licenses owned.
- 12. Click Save.
- 13. Click the **Software Definitions** tab.
- 14. Choose "Software ID Tags" from the **Software Definitions type** pop-up menu.

| General | Licenses | Software Definitions |
|--|--|---|
| Software Type of it Software Reg ID Registrat [Required | Definition T tems to use to D Tags ion identifier | ype specify software definitions of the software publisher total |
| + Softwa | Add re ID Tags on Statuses to | s Include |
| Only incl | ude software | ID tags with these activation statuses |
| Trial | contaction star | na proactiv |
| 🗹 Seria | lized | |
| 🗹 Fully | Licensed | |
| Activ | ated | |
| 🔲 Unlic | ensed | |
| | | Cancel Save |

- 15. Click **Browse** where the **Reg ID** field and choose a registration identifier.
- 16. Click **Add +**.
- 17. Click **Browse** where the **Software ID Tags** field and choose a software identifier.
- 18. Select the activation statuses you want to include in the software definition.
- 19. Repeat steps 15-18 for each Adobe application you installed with Adobe CS5/CS5.5.
- 20. Click Save.

Updating Inventory

The JSS must contain up-to-date inventory information before evaluating license compliance, viewing license usage matches, and viewing Application Usage logs. You can use Casper Remote to update inventory.

- 1. Open Casper Remote and authenticate to the JSS.
- 2. In the list of computers, select the checkbox for each computer that you want to update inventory for.

| 00 | Casper Remote | |
|---------------------------------------|--|----------------------|
| | Ċ | Filter Computers (8) |
| New Window Screen Share Override Def. | aults Refresh Data | |
| ▼ Tasks | | |
| _ | Computers Packages Scripts Printers Dock Account | ts Restart Advanced |
| | Computer | |
| | Computers | |
| | Computer Name User Name Asset Tag | IP Address |
| | ► All Computers | |
| | | |
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| | | |
| | View By: Computer Gr Poll Missing: Every 5 Min | + |
| | | |
| | | |
| | Save as | Schedule Go |
| | | li. |

3. Click the Advanced tab and select the Update Inventory checkbox.

| Computers Packages | Scripts Printers Dock | Accounts Pastart Advanced |
|--|-----------------------|--|
| Malabaras | Scripta Frintera Dock | Accounts Restart Auranceu |
| Update Inventory Reset Computer Names Fix Disk Permissions | Fix ByHost Files | Flush User Caches Verify Startup Disk |
| Files & Processes | | |
| Search for File by Path: | | Delete if found |
| Search for File by Filename: | | Update "locate" DB |
| Spotlight Search: | | |
| Search for Process: | | Kill if found |
| Execute Command: | | |
| Disk Encryption Configuration | 5 | |
| Display Name | Recovery | Key Type Encryption Type |
| | | |
| | | |

4. Click Go.

Evaluating License Compliance

You can evaluate Adobe CS5/5.5 license compliance by viewing the licensed software record in the JSS and comparing the number of licenses in use to the number of licenses owned.

- 1. Log in to the JSS with a web browser.
- 2. Click **Computers** at the top of the page.
- 3. Click the Licensed Software.

On a smartphone, this option is in the pop-up menu.

The Adobe CS5/5.5 licensed software record is displayed in a list, along with the number of licenses in use and the number of licenses owned.

Viewing License Usage Matches

You can view a list of computers with Adobe CS5/5.5 licenses in use (called "license usage matches").

- 1. Log in to the JSS with a web browser.
- 2. Click **Computers** at the top of the page.
- 3. Click Licensed Software.

On a smartphone, this option is in the pop-up menu.

- 4. Click the Adobe CS5/5.5 licensed software record.
- 5. Click View Matches.

Note: This button is only displayed if the licenses associated with the record are in use on managed computers.

A list of license usage matches is displayed.

Viewing Application Usage Logs

You can find out how frequently Adobe CS5/5.5 is being used by viewing the Application Usage logs for a licensed software record. This allows you to view the amount of time that Adobe CS5/5.5 was open in the foreground on computers.

- 1. Log in to the JSS with a web browser.
- 2. Click **Computers** at the top of the page.

3. Click Licensed Software.

On a smartphone, this option is in the pop-up menu.

- 4. Click the Adobe CS5/5.5 licensed software record.
- 5. Click View Logs.
- 6. Click View Matches.

Note: This button is only displayed if the licenses associated with the record are in use on managed computers.

Application Usage logs for the record are displayed.

Updating Adobe CS5/5.5

Updating Adobe CS5/5.5 involves the following steps:

- 1. Build a CS5/5.5 update package using AAMEE.
- 2. Add the update package to Casper Admin.
- 3. Create a smart computer group.
- 4. Deploy the update package.

Building an Adobe CS5/5.5 Update Package

- 1. Open AAMEE.
- 2. Choose to create a CS5/5.5 update package or modify an existing package. For complete instructions, see "Creating an Update-Only Package" in Adobe's *CS5 Enterprise Deployment Guide*.

When you are finished, AAMEE creates a folder in the location that you specified at the beginning of the procedure.

Adding the Update Package to Casper Admin

Add the update package to Casper Admin so that you can deploy it using a policy.

1. Open Casper Admin and authenticate to the JSS.

Drag the package to the main repository in Casper Admin.
 The package is displayed in blue text until you add it to a category.

| ew Config New Ca REPOSITORY C All Items FILE SHARE DISTRL. C * CalaxyCasper | ttegory Add Printers A View Type All Packages Scripts Printers Directory Bindings Dock Items | dd Dock Items New Adobe I | Install Info Delete Cate Softv Syste United United | gories vare updates em Configuration stall ywn | | Filter | |
|---|---|---------------------------|---|---|-----|-----------|----|
| | Name | Туре | Category | Priority | FUT | FEU Index | ed |
| | | | | | | | |
| | | Confi D.D. | gurations: 0 Packages: 1 Scripts: 0 Printers: 0 ock Items: 0 Bindings: 0 | | | | |

- 3. Double-click the package in the main repository.
- 4. Click the **General** tab and choose a category for the package.

| | Summary Gene | ral Options | |
|----------------------|---------------------------|---------------------------------|-----|
| Display Name | | Category | |
| CS6Upd.pkg | | Unknown | \$ |
| Filename | | | |
| CS6Upd.pkg | | | |
| Item is a DMG with a | n OS X Installer, or Adob | e Updater/Installer for CS3 or | C54 |
| | in ob A instanci, or Adob | e opdately installer for ess of | 001 |
| Info | | | |
| | | | |
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| | | | |
| Notes | | | |

5. Click the **Options** tab and choose a priority for the package. The recommended priority for the update package is "12".

| 🗌 Requires restart | Fill existing user home directories (FEU) |
|----------------------------|---|
| Install on boot drive aft | er imaging |
| Package Limitations | |
| OS Requirement: | installed |
| Install only if architectu | re type is: PowerPC ‡ |
| Substitute Package: | Do not install + |
| Install Only if Available | in Software Update |

6. Click OK.

Creating a Smart Computer Group

Smart computer groups allow you to organize computers that share similar attributes. Use the JSS to create a smart computer group for computers that have Adobe CS5/5.5 installed. You can use this smart computer group as the scope when you deploy the update package.

- 1. Log in to the JSS with a web browser.
- 2. Click **Computers** at the top of the page.
- 3. Click Smart Computer Groups.

On a smartphone, this option is in the pop-up menu.

- 4. Click **New** +.
- 5. On the Computer Group pane, enter a display name for the group. For example, "Computers with Adobe CS5" or "Computers with Adobe CS5.5".

| omputer Group | Criteria | | | | | |
|--|---|---|----------------------------------|---------------|------------------|-----------------|
| Display Name | | | | | | |
| Isplay name for ti | ne smart compu | ter group | | | | |
| | | | | | | |
| | | and another shares | | | | |
| Send email no | tification on m | embership chang | e ification to ISS use | rs with email | notifications er | nabled. An SMTP |
| Send email no Vhen group memb erver must be set | tification on m ership changes, up in the JSS for | embership chang , send an email no r this to work | e ification to JSS use | rs with email | notifications er | nabled. An SMTP |
| Send email no When group memb server must be set | tification on m eership changes, up in the JSS for | embership chang , send an email no r this to work | e ification to JSS use | rs with email | notifications er | nabled. An SMTP |
| Send email no When group memb server must be set | tification on m pership changes, up in the JSS for | embership chang send an email no r this to work | e ification to JSS use | rs with email | notifications er | nabled. An SMTP |

- 6. Click the **Criteria** tab.
- 7. Click Add 🛨.
- 8. Click Choose for "Licensed Software".
- 9. Click **Browse** , and then click **Choose** for the CS5/5.5 licensed software record.

| + Add | | | | | | |
|-------|-------------------|----------|-------|---|----------|--|
| d/Or | Criteria | Operator | Value | | | |
| = | Licensed Software | has ‡ | | • | ¢ Delete | |
| | | | | | | |

10. Click Save.

Group memberships are updated each time mobile devices contact the JSS and meet or fail to meet the specified criteria.

To view the group memberships, click View.

Deploying the Update Package

After adding the deployment package to Casper Admin, you can deploy it using a policy.

Important: Do not use the deployment instructions in this guide if the master distribution point in your JSS is a file share distribution point that uses SMB. For deployment instructions in this case, see the following Knowledge Base article:

Deploying PKGs Created with AAMEE or Creative Cloud Packager

- 1. Log in to the JSS with a web browser.
- 2. Click **Computers** at the top of the page.
- 3. Click Policies.

On a smartphone, this option is in the pop-up menu.

4. Click **New** +.

5. In the General payload, enter a display name for the policy. For example, "Update Adobe CS5" or "Update Adobe CS5.5".

| Optic | ons Scope | Self Service | User Interaction |
|----------|--|--------------|--|
| | | | General |
| 🥪 (0) | Packages 0 Packages Software Upo Not Configured | lates | Display Name Display Name for the policy [Resulted] |
| | Scripts 0 Scripts | | Category Category to add the policy to New P |
| 當 | Printers 0 Printers | | Trigger Event(s) to use to initiate the colley |
| Ô | Disk Encryption Not Configured | | Startup When a computer starts up. A startup script that checks for policies must be configured in the JSS for this to work |
| <u> </u> | Dock Items 0 Dock Items | | Login When a user logs in to a computer. A login hook that checks for policies must be configured in the JSS for this to work |
| 1 | Local Account 0 Accounts | ts | Logout When a user logs out of a computer. A logout hook that checks for policies must be configured in the JSS for this to work |
| \$ | Management Account No: Configured | | Network State Change When a computer's network state changes (e.g. when the network connection changes, when the computer name changes, when the IP address changes) |
| 6 | Directory Bindings | | Enrollment Complete Immediately after a computer completes the enrollment process |
| | EFI Password Not Configured | | Recurring Check-in At the recurring check-in frequency configured in the JSS |
| 2 | Restart Optic Configured | ons | Custom At a custom event |
| X | Maintenance Not Configured | | Execution Frequency Frequency at which for run the policy Once per computer := |
| | | | Cancel |

- 6. Select **Login** as the trigger.
- 7. Choose "Once per Computer" from the **Execution Frequency** pop-up menu.
- 8. Select the Packages payload and click **Configure**.
- 9. Click **Add** for the update package.
- 10. Choose "Install" from the **Action** pop-up menu.

| Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computer's Autorum data Image: Concrained and the conception of the computery of the conception of the computer's Autorum data | Options Scope Self Servi | User Interaction |
|--|--|---|
| | a General | AdobeCS6Upd.pkg 📼 🏵 |
| Dock Items b 0xx tems Distribution Point Distribution Point to download the package(s) from Local Accounts Local Accounts b Accounts Each computer's default distribution point ±) Management Account has Configured Each computer's default distribution point ±) Distribution point to download the package(s) from b Accounts Each computer's default distribution point ±) Distribution point to download the package(s) from b Accounts Each computer's default distribution point ±) Distribution point to download the package(s) from b Accounts Each computer's default distribution point ±) Distribution point to download the package(s) from b Accounts Each computer's default distribution point ±) Distribution point to download the package(s) from b Accounts Each computer's default distribution point ±) Distribution point to download the package(s) from b Accounts Each computer's default distribution point ±) Distribution point to download the package(s) from b Accounts Each computer's default distribution point ±) Distribution point to download the package(s) from b Accounts Each computer's default distribution point ±) Distribution point to download the package(s) from b Accounts Each computer ±) Distribution point to download the package(s) from b Accounts Each computer ±) | | Action to take on computers Action to take on computers Install Install |
| Management Account Ves Configure Directory Islandings Directory Islandings Directory Islandings Directory Islandings Cancel Save | Dock Items 0 Dock Items Local Accounts 0 Accounts | Distribution Point Distribution point to download the package(s) from Each computer's default distribution point :=) |
| D Dercory Bindings Othodogs D EFI Password Cancel Save | Management Account Not Configured | |
| Cancel Save | Directory Bindings O Bindings | |
| | EFI Password | Cancel |

11. Specify a distribution point for computers to download the package from.

12. Click the **Scope** tab and configure the scope of the policy.



13. Click Save.

The Adobe CS5/5.5 update is installed on computers in the scope the next time they check in with the JSS and meet the criteria in the General payload.