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Jabra Suite for Mac - Mass Deployment Guide

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Introduction

This guide explains how to customize the Jabra Suite for Mac package and deploy it in an enterprise environment. Some sections of the guide have been explained by using Munki (<http://code.google.com/p/munki/>) as the mass deployment tool. However, the setup of Munki tool is outside the scope of this document.

Once deployed, the Jabra Suite for Mac is installed in the system library path ie. \Macintosh HD\Library\Application Support and is available to all users on the Mac machine. The instructions in this guide refer to Jabra Suite for Mac, version 2.7.0 or later.

What do you need?

1. [Jabra Suite for Mac.zip](#). This file can be downloaded from <http://www.jabra.com/software-and-services/jabra-suite-for-mac>
2. A mass deployment tool such as Apple Remote Desktop or Munki.

Contents of Jabra Suite for Mac.zip

The “**Jabra Suite for Mac.zip**” package consists of the following files:

1. [Jabra Suite for Mac.dmg](#) – This is the package used to install Jabra Suite for Mac. Also contains com.jabra.prefsettings.plist used for configuring Jabra Suite for Mac.
2. [Uninstall Jabra Suite for Mac.dmg](#) – This is the package used to uninstall Jabra Suite for Mac.

How to customize Jabra Suite for Mac deployment package using Munki tool?

This section explains how to customize various software components and user preferences for deployment of the Jabra Suite for Mac. It is assumed that the Munki tool (both client and server) is installed and running.

There are two kinds of customizations possible with the Jabra Suite for Mac

1. Customize user preferences.
2. Customize various software components.

Steps to customize user preference settings

Step 1: Extract the contents of [Jabra Suite for Mac.zip](#) into a local directory.

Step 2: Open the [Jabra Suite for Mac.dmg](#) file, which will mount the dmg file in Finder.

Step 3: Copy the [com.jabra.prefsettings.plist](#) and [Jabra Suite for Mac.pkg](#) into a local directory.

Step 4: The [com.jabra.prefsettings.plist](#) contains various preference settings for Jabra Suite for Mac. Edit this file to modify the default user preferences and save it. Details of each user preference are explained in the [next section](#).

Step 5: Re-create the [Jabra Mac Suite.dmg](#) using the following command.

```
hdiutil create <pathToFile>/Jabra\ Suite\ for\ Mac.dmg -volname "Jabra Suite for Mac" -fs HFS+ -srcfolder <pathToFolder>/
```

<pathToFile> - Path where the dmg file needs to be created and saved

<pathToFolder> - Folder path where the original Jabra Suite for Mac.pkg and the com.jabra.prefsettings.plist were extracted

Step 6: Now, we are ready to import the modified [Jabra Mac Suite.dmg](#) into the Munki repository, using the munkiimport tool. Refer the syntax of munkiimport command for more details.

Eg. `/usr/local/munki/munkiimport <pathToFile>/Jabra\ Suite\ for\ Mac.dmg`

[Step to customize Jabra Suite for Mac Software Components](#)

Note: You can skip this step if all components need to be installed.

Step 7: While importing the dmg file (as described in Step 6), munkiimport opens the newly created **pkginfo** file in the Text editor. This **pkginfo** file will need to be edited to customize the package for installation of required components.

Use the below snippet of plist-compatible XML that modifies package selection choices when installing the package.

Generate the XML by using the below command:

```
installer -showChoiceChangesXML -pkg /path/to/pkg -target /
```

On generation, the below snippet will be displayed Refer table below before editing the plist.

```
<key>installer_choices_xml</key>
<array>
  <dict>
    <key>attributeSetting</key>
    <integer>1</integer>
    <key>choiceAttribute</key>
    <string>selected</string>
    <key>choiceIdentifier</key>
    <string>jabrasametimeintegration</string>
  </dict>
  <dict>
    <key>attributeSetting</key>
    <integer>1</integer>
    <key>choiceAttribute</key>
    <string>selected</string>
    <key>choiceIdentifier</key>
    <string>com.jabra.sametime</string>
  </dict>
  <dict>
    <key>attributeSetting</key>
    <integer>1</integer>
    <key>choiceAttribute</key>
    <string>selected</string>
    <key>choiceIdentifier</key>
```

```
<string>com.jabra.plugin</string>
</dict>
<dict>
  <key>attributeSetting</key>
  <integer>1</integer>
  <key>choiceAttribute</key>
  <string>selected</string>
  <key>choiceIdentifier</key>
  <string>com.jabra.skype</string>
</dict>
<dict>
  <key>attributeSetting</key>
  <integer>1</integer>
  <key>choiceAttribute</key>
  <string>selected</string>
  <key>choiceIdentifier</key>
  <string>jabraui</string>
</dict>
<dict>
  <key>attributeSetting</key>
  <integer>1</integer>
  <key>choiceAttribute</key>
  <string>selected</string>
  <key>choiceIdentifier</key>
  <string>com.jabra.preferencepane</string>
</dict>
<dict>
  <key>attributeSetting</key>
  <integer>1</integer>
  <key>choiceAttribute</key>
  <string>selected</string>
  <key>choiceIdentifier</key>
  <string>com.jabra.appservice</string>
</dict>
<dict>
  <key>attributeSetting</key>
  <integer>1</integer>
  <key>choiceAttribute</key>
  <string>selected</string>
  <key>choiceIdentifier</key>
  <string>com.jabra.menubar</string>
```

```
</dict>
<dict>
  <key>attributeSetting</key>
  <integer>1</integer>
  <key>choiceAttribute</key>
  <string>selected</string>
  <key>choiceIdentifier</key>
  <string>com.jabra.avaya</string>
</dict>
<dict>
  <key>attributeSetting</key>
  <true/>
  <key>choiceAttribute</key>
  <string>selected</string>
  <key>choiceIdentifier</key>
  <string>com.jabra.bria</string>
</dict>
<dict>
  <key>attributeSetting</key>
  <integer>1</integer>
  <key>choiceAttribute</key>
  <string>selected</string>
  <key>choiceIdentifier</key>
  <string>jabrafirmwareupdater</string>
</dict>
<dict>
  <key>attributeSetting</key>
  <integer>1</integer>
  <key>choiceAttribute</key>
  <string>selected</string>
  <key>choiceIdentifier</key>
  <string>com.jabra.firmwareapp</string>
</dict>
<dict>
  <key>attributeSetting</key>
  <integer>1</integer>
  <key>choiceAttribute</key>
  <string>selected</string>
  <key>choiceIdentifier</key>
  <string>com.jabra.kext</string>
</dict>
<dict>
```

```

<key>attributeSetting</key>
<integer>1</integer>
<key>choiceAttribute</key>
<string>selected</string>
<key>choiceIdentifier</key>
<string>com.jabra.kextoldos</string>
</dict>
</array>

```

Component Name		Description	Value to be set
Jabraui		Installs UI components. (Mandatory)	attributeSetting must be 1 always.
com.jabra.preferencepane		Installs preference pane. (Mandatory)	attributeSetting must be 1 always.
com.jabra.appservice		Installs App Service module(Mandatory)	attributeSetting must be 1 always.
com.jabra.menubar		Installs the menu bar(Mandatory)	attributeSetting must be 1 always.
com.jabra.skype		Installs Skype Integration component. (Optional)	attributeSettings should be 1 for installation and 0, otherwise.
Jabrasametimeintegration	com.jabra.sametime	Installs IBM Sametime component. (Optional)	attributeSettings should be 1 for installation and 0, otherwise.
	com.jabra.plugin	Installs Jabra plug-in for IBM Sametime. (Optional)	attributeSettings should be 1 for installation and 0, otherwise.
com.jabra.avaya		Installs Avaya Integration component.	attributeSettings should be 1 for installation

		(Optional)	and 0, otherwise.
com.jabra.bria		Installs Bria Integration component. (Optional)	attributeSettings should be 1 for installation and 0, otherwise.
jabrafirmwareupdater	com.jabra.firmwareapp	Installs Jabra Firmware Updater component(Mandatory)	attributeSettings should be 1 for installation and 0, otherwise.
	com.jabra.kext	Installs Jabra Kext module (Mandatory) on 10.9	
	com.jabra.kextoldos	Installs Jabra Kext module (Mandatory) on 10.7 and 10.8	

Step 8: Save the **pkginfo** file. [Jabra Suite for Mac.dmg](#) will be uploaded to Munki server successfully. Once the package is imported successfully, Munki clients will be notified of a new package available for installation.

Notes:

1. The Jabra plug-in for Sametime will not be deployed through the above process. It needs to either be installed manually on the client Mac machines, or deployed through the IBM Sametime server setup.
2. Once the package is installed on a client Mac machine, the user needs to log-out and log-in before using Jabra Suite for Mac.

Contents of com.jabra.prefsettings.plist

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
```



```
<key>AutoUpdate</key>
<string>TRUE</string>
<key>FwuVersionCheck</key>
<string>FALSE</string>
<key>JMSVersionUpdateXMLURL</key>
<string>http://www.jabra.com/macsuite/JMSVersionUpdate.xml</string>
<key>JabraDataCheck</key>
<string>TRUE</string>
<key>NextCheckUpdateDate</key>
<string>2015-09-23 06:51:47 +0000</string>
<key>PresenceUpdateEnabled</key>
<string>FALSE</string>
<key>PresenceUpdateSelected</key>
<string>FALSE</string>
<key>ShowBatteryStatus</key>
<string>TRUE</string>
<key>checkUpdateButton</key>
<string>TRUE</string>
<key>jabraStatusMenu</key>
<string>TRUE</string>
<key>jabrapreferredSP</key>
<string>Microsoft Lync & Skype for Business</string>
<key>pListVersion</key>
<string>2.4.58</string>
<key>pauseITune</key>
<string>TRUE</string>
<key>prefPaneTabIndex</key>
<string>0</string>
<key>uninstallButton</key>
<string>TRUE</string>
</dict>
</plist>
```

Open the [com.jabra.prefsettings.plist](#) using the TextEdit and modify the parameters you would like to customize by setting TRUE/FALSE and save the changes.

AutoUpdate – TRUE/FALSE

Enable/Disable automatic check for updates for Jabra Suite for Mac. When enabled, updates will be checked weekly.

pauseITune – TRUE/FALSE

Automatically pause iTunes when receiving softphone calls. iTunes will need to be manually resumed after the call.

jabraStatusMenu – TRUE/FALSE

Add Jabra status to the menu bar.

uninstallButton – TRUE/FALSE

Enables/disables "Uninstall" button in the Jabra Suite for Mac UI.

checkUpdateButton – TRUE/FALSE

Enables/disables "Check for updates" button in the Jabra Suite for Mac UI.

JabraDataCheck – TRUE/FALSE

Will send the EQUATEC Analytics data to the server when enabled.

FwuVersionCheck – TRUE/FALSE

Enables/disables firmware downgrade.

ShowBatteryStatus – TRUE/FALSE

Enables/disables battery percentage in the menu bar. This feature helps to see the percentage of battery status of connected Jabra Audio devices

PresenceUpdateEnabled – TRUE/FALSE

Enables/disables automatic presence status update of softphones so that the other users can see the status.

PresenceUpdateSelected – TRUE/FALSE

Selects/deselects to automatically change the presence status of softphones so that the other users can see the status.

How to upgrade an existing installation?

Deploy the new package after customizing it. The existing installation will be uninstalled and a new version will be installed.

How to un-install an existing installation?

Deploy the Uninstall Jabra Suite for Mac.dmg package using the mass deployment tool. Installation of this dmg file will uninstall Jabra Suite for Mac.