

How to Deploy SplashBuddy as a PreStage Enrollment Package in Jamf Pro



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SplashBuddy is created to provide an elegant and secure onboarding experience for Mac users during automated enrollment process. SplashBuddy notifies the user when it detects that certain software has been installed. You must specify which log file SplashBuddy monitors for software that's been installed (there are two possible log files). SplashBuddy notifies the user only about software packages that you specify. When SplashBuddy recognizes a package name in the log file, it notifies the user that the package is being installed. This guide shows you how to modify SplashBuddy for the appropriate log file and package names, as well how to configure a few other SplashBuddy settings.

Special thanks to the following people for all their effort in SplashBuddy Project: Francois Tiffreau, Yoann Gini, Damien Rivet

SplashBuddy allows you to:

- Prevent users from using their Mac before software that you require is installed
- Provide status about the software that is currently being installed
- Display onboarding information

This guide was created using the following:

- Jamf Cloud 10.20.1
- macOS Catalina 10.15.4
- SplashBuddy 2.0.0
- https://github.com/davidyoondrums/SplashBuddy/releases/
- Composer 10.20.1

Requirements

- Apple Business Manager/Apple School Manager
- A Mac assigned to your mobile device management (MDM) solution in Apple Business Manager/Apple School Manager
- A package creation app of your choice (this guide uses Composer from Jamf)
- An MDM solution which supports the ability to install one or more signed packages before Setup Assistant has completed (ideally using InstallEnterpriseApplication MDM command)
- Optional: A Mac with two apps installed, to gather the icon for each app (this guide uses Google Chrome and Slack as examples).



Section 1: Gather a Signed Certificate

In order for your MDM solution to successfully use the InstallEnterpriseApp MDM command to install a package, the package must be signed with a TLS certificate. In order to sign the package, you need a certificate. One option is to use a certificate signed by your Jamf Pro instance's Certificate Authority. Another option is to use your Apple Developer ID. This guide covers both options.

Option A: Create a certificate that only Mac computers enrolled with your Jamf Pro will trust

- 1. Open Keychain Access.
- 2. Go to the Keychain Access menu, choose Certificate Assistant, then choose Request a Certificate From a Certificate Authority.

Ĺ	Keychain Access F	ile Edit	View Window Help
	About Keychain Acc	ess	
	Preferences	Ж,	
	Certificate Assistant		Open
	Ticket Viewer	√. ≋K	Create a Certificate
	Services	•	Create a Certificate Authority Create a Certificate For Someone Fise as a Certificate Authority
	Hide Keychain Acces	s ೫H	Request a Certificate From a Certificate Authority
	Hide Others	7- 941	Set the default Certificate Authority
	Show All	2 0011	Evaluate a Certificate
	Quit Keychain Acces	s #Q	

- 3. In the Certificate Information window, in the User Email Address field, enter an organizational email address.
- 4. In the Common Name field, enter your organization's name.
- 5. Select "Saved to disk".
- 6. Click Continue.

	Certificate Assistant				
Ce	rtificate Information				
E	Enter information for the certificate you are requesting. Click Continue to request a certificate from the CA.				
Cer	Jser Email Address: It@arekdreyer.com Common Name: Dreyer Network Consultants Inc CA Email Address: Request is: Emailed to the CA Saved to disk Let me specify key pair information				
	Continue				

7. In the Save As dialog, optionally change the destination (this guide uses Desktop as an example) then click Save.

Save As:	CertificateSig	ningRequest	.certSigningRe
Tags:			
Where:	📄 Desktop		○ ~
		Cancel	Save



- Certificate Assistant

 Vour certificate request has been created on disk.

 Show In Finder...

 Done
- 8. Click Done. A private key is automatically generated and saved in your login keychain.

9. Open the file you just created. In the Finder, Control-click the file, then choose Open With, then choose a Text Editor. If TextEdit doesn't appear in the menu, choose Other, then select TextEdit in the Applications folder, then click Open. Usually when you edit script files, you should avoid TextEdit, but it's fine to use TextEdit to copy the contents of the Certificate Signing Request.

	Open Vith	TextEdit (default)
rtificati quest	Move to Trash	Certificate Assistant
	Get Info Rename Compress "CertificateSigningRequest.certSigningRequest" Duplicate Make Alias Quick Look "CertificateSigningRequest.certSigningRequest" Share Quick Actions	App Store Other
	Copy "CertificateSigningRequest.certSigningRequest" Import from iPhone or iPad	
	Use Stacks Sort By Clean Up Selection Show View Options	
	 Taqs 	

10. In TextEdit, press Command-A to select all the text in the file.





- 11. Press Command-C to copy the text.
- 12. With a web browser, log in to your Jamf Pro.
- 13. Navigate to Settings > Global Management > PKI Certificates

२०२२ All Settings	Global Ma	nagement					
System Settings	Categories	Push	GSX	Jamf Pro URL	PKI	Volume	User-Initiated
Global Management		Certificates	Connection	FE8 #	Certificates	Purchasing	Enrollment
Self Service	Automated	Apple	Re-enrollment	Event Logs	Webhooks	AirPlay	Conditional
Server Infrastructure	Device Enrollment	Education Support				Permissions	Access
Network Organization		5					
	Preload	Customization					

14. Click Management Certificate Template.

15. Click Create Certificate from CSR.

Certificate Authorities	Management Certificate Templa	JSON Web Token (Configuration	
	Built-in CA			
A Subject Name:	CN=Laun	ch Expeditionary Learning (Charter School JSS Built-in Certifi	ca

16. Click inside the CSR field, then press Command-V to paste the contents of the Clipboard (which is the text of the Certificate Signing Request).

Create Certificate from CSR	
CSR Certificate signing request in Base64-encoded PEM format Certificate Type Type of certificate to create Client Certificate Client Certificate Cancel Create	Paste the contents of the Clipboard into this field



17. Click the menu for Certificate Type then choose Web Server Certificate.

Create Certificate from CSR

CSR Certificate signing request in Base64-encoded PEM format
CSR Certificate signing request in Base64-encoded PEM format BEGIN CERTIFICATE REQUEST MIICnTCCAYUCAQAwWDEgMB4GCSqGSIb3DQEJARYRaXRAYXJla2Ry ZXIIcI5J20x JzAIBgNVBAMMHkRyZXIIciBOZXR3b3JrIENvbnN1bHRhbnRzIELuYzELM AkGA1UE BhMCVVMwggEIMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQ CJSh5i+pWEdYRY Kn8wd2F+7Q2KUyW13/wvwL4w4KyWTvtmchIAd9Clac3NHawB586Q6 6q0YGC2BDXt DHgDAcd9/2dEgdapB6Is91GIIKS5CjfFPpmKTAP1eMF2tg2c8Bb6xwdb 830QFo81 GFIXOCBJZmfKSpAJuud30eN2R5m0/yHw275K2LnWlu5G3H1UFsGc9 mrJ3xqX2Bod phBIE50HyQGhtw8sAYUt2b+IGYYReyUnK7hZItxtfTJ4MEQtF4KB95Hp CM1fSUs XcobY8fxQpha08x6jkjxYgjD1iR8Q6zdurexWWh9L4XtGOtdVfgdXF40X mfFq7RF
OdoOHKXnAgMBAAGgADANBgkqhkiG9w0BAQsFAAOCAQEAmbkMN +VEE06GfVm/aR2s CDZyJkm4oKWhso3WpJOINdgAgZ82QoOWnBV4zuuai3giFNz6zHE8G svCm978Q2c3
ol8MeVzM0pc17YUdb4Z62Uv7WOwsFV/L7SwFz6hAuAPDHcNlvoKCM nhuFQtXGKnn yxr9hSvt1TfhHGUMcJ3itSFMGdb97iFb9VBmjQdY6CtdQpnsGabdgrlpu Wti 3Nn1
r/MS28XT/elwlp5ZSZpSANXcWfLptWLbWpPNji+aaZbslXge579T3j4OG v887RAa 3908Fi/Lb3WPHI11qaQvKyZ4ioBhCnS3tlagmIEUJn0nld6sTTSOxPZBcl qFGQp
sg== ' END CERTIFICATE REQUEST
CERTIFICATE TYPE Type of certificate to create
Client Certificate Web Server Certificate SSO Certificate forcet
Create

- 18. Click Create.
- 19. Your browser automatically downloads a newly-signed certificate to the browser's default location; for this guide, the default location is your Downloads folder. Your browser might display a wait status indicator indefinitely. After the certificate is downloaded, you can safely close the browser window or navigate to a different page.



20. In the Finder, navigate to the folder that contains the newly-signed certificate. In the following example, the file is in the Downloads folder, its name reflects the organization's name, and it has the ".pem" suffix (although pem historically stands for Privacy-enhanced Electronic Mail, you won't be using this certificate for mail).

• • •	o Downloads					
<>			Q Searc	h		
Favorites	Name	Size		Kind	Date Added	
AirDrop	C=US,CN=Dreyer Netarekdreyer.com.pem		1 KB	printablarchive	Today at 4:24 PM	

- 21. Open the pem file.
- 22. If you're prompted to add the certificate to a keychain, click the Keychain menu and choose "login," then click Add. Note: Keychain Access might automatically add the certificate to your login keychain.

$\bullet \circ \circ$		Add Cer	tificates		
Certificate	Do you want t "C=US,CN=D Inc,E=it@arel	to add the cer reyer Networ (dreyer.com.)	rtificate(s) k Consulta pem″ to a k	from the file nts eychain?	
		Keychain:	login		\$
View Cer	tificates			Cancel	Add

- 23. In Keychain Access, in the lower-left corner, click My Certificates.
- 24. To confirm that the certificate you just imported is displayed with the private key, select the certificate and click the disclosure triangle. Note: At this point your Mac is the only place where your private key for this certificate is stored.

••• + (1)				Q Search
Keychains i login Local Items System System Roots	Certificate Consultation Consultation Dreyer Network Consultation Issued by: Dreyer Network Expires: Friday, June 12, 20 This certificate is valid			
	Name	Kind	Expires	Keychain
	🔻 📷 Dreyer Network Consultants Inc	certificate	Jun 12, 2020 at 4:24:41 PM	login
	Preyer Network Consultants Inc	private key		login
	member: B22CB4-6F907A42AB30	certificate	Jun 12, 2020 at 4:13:01 PM	login
Category				
All Items				
A. Passwords				
Secure Notes				
My Certificates				
💡 Kevs				
Certificates				



- 25. If your Mac that you used to create the Certificate Signing Request (CSR) is enrolled in your Jamf Pro, your Mac trusts the Jamf Pro Certificate Authority (CA), which signed your CSR, so that Mac trusts the new certificate. If your Mac is not enrolled with your Jamf Pro, you need to configure your Mac to trust the certificate so that your package creation tool (this guide uses Composer) can use the certificate. To do this:
 - A. Double-click the certificate you just imported.
 - B. Click the disclosure triangle next to Trust, click the menu next to "When using this certificate" and choose "Always Trust."

• • •	Dreyer Network Consultants Inc	Dreyer N	letwork Consultants Inc
Certificate Certificate Certificate Subject Name Subject Name	work Consultants Inc. eyer Network Consultants Inc. JSS Built-in Certificate Authority y, June 12, 2020 at 4:24:41 PM Central Daylight Time twork Consultants Inc ⁺ certificate is not trusted	Certificate Ssued by: Dreyer Network Co Issued by: Dreyer Network Expires: Friday, June 12 © "Dreyer Network Cor	onsultants Inc. ork Consultants Inc. JSS Built-in Certificate Authority 2, 2020 at 4:24:41 PM Central Daylight Time sultants Inc" certificate is not trusted
Country or Region Common Name Email Address	US Dreyer Network Consultants Inc it@arekdreyer.com	When using this certificate Secure Sockets Layer (SSL	✓ Use System Defaults ? Always Trust Never Trust
Issuer Name Common Name	Dreyer Network Consultants Inc. JSS Built-in Certificate Authority	Secure Mail (S/MIME) Extensible Authentication (EAP)	no value specified
Serial Number Version	3352548839 3	IP Security (IPsec)	no value specified
Signature Algorithm Parameters	SHA-256 with RSA Encryption (1.2.840.113549.1.1.11) None		
Not Valid Before Not Valid After	Wednesday, June 12, 2019 at 4:24:41 PM Central Daylight Time Friday, June 12, 2020 at 4:24:41 PM Central Daylight Time		
B. 1.17. 17			

- C. Choose File > Close to close the certificate window, then at the "You are making changes to your Certificate Trust Settings" dialog, provide your credentials to allow the update.
- D. Confirm that the certificate is displayed with "This certificate is marked as trusted for this account."

••• + (i)					Q Searc		
Keychains		Drever Network Con	sultante Inc				
🧉 login	Certificate	Certificate Issued by: Drever Network Consultants Inc. JSS Built-in Certificate Authority					
🧯 Local Items	Expires: Friday, June 12, 2020 at 4:24:41 PM Central Daylight Time						
🔒 System		This certificate is marked as trusted for this account					
📷 System Roots							
	Name	^	Kind	Expires	Keychain		
	🕨 📷 Dreyer I	Network Consultants Inc	certificate	Jun 12, 2020 at 4:24:41 PM	login		

26. Optionally, export the certificate with your private key so you have a backup of it, and so that you can import it on another Mac. With the certificate selected, Choose File > Export Items.

Ĺ	Keychain Access	File	Edit	View	Window	Help				
		Ne Ne	w Pass w Secu	word Ite ire Note	em e Item	光N 企業N				
		Ne Ne	w Keyc w Iden	hain tity Pref	erence	₹₩N	Certificate	Dreyer Network Consu Issued by: Dreyer Network	iltants Inc Consultants Inc. JSS Buil	
		lm; Ex;	oort Ite	ms ms		☆ 第 I ☆ 第 E		Expires: Friday, June 12, 2020 at 4:24:41 PM This certificate is valid		
		Ad	d Keyc	hain		ΰжА	Name	^	Kind	
		De	lete Ke	ychain '	'login"	/ 第 < 凶	🔻 📷 Dreyer N	etwork Consultants Inc	certificate	
		Clo	se			₩W	P Dreye	r Network Consultants Inc	private key	



- 27. In the Save As field, enter a name like JamfProSignedCert.
 - A. Enter a location to save; this guide uses Documents.
 - B. Leave the File Format as Personal Information Exchange (.p12) because this format includes the private key.
 - C. Click Save.

Save As: JamfProSignedCert	
Tags:	
Where: 🛅 Documents 😽 🔽	——— A
File Format: Personal Information Exchange (.p12)	—— В
Cancel Save	C

28. Enter a password to secure the certificate, enter it again to verify, then click OK. You can click the key icon to open the Password Assistant to help generate a secure password. If you use an organizational password vault system, record this password.

	Enter a password which will be used to protect to exported items:						
	Password:	9					
	Verify:						
	Password Strength: Fair						
	Show password						
?	Cancel OK						

29. In the dialog, enter your login password then click Allow.

	Keychain Access wants to export key "Dreyer Network Consultants Inc" from your keychain. To allow this, enter the "login" keychain password.					
	Password:					
?	Always Allow Deny Allow					

- 30. Copy the exported certificate to secure location, backup media, organization shared folder, or another Mac.
- 31. Quit Keychain Access.



Option B: Use your Developer ID Installer certificate

Download your Developer ID Installer certificate and install it on your Mac. If required, follow this step: https://support.jamfnow.com/s/article/000002601-Tutorial-Building-and-Signing-Mac-Packages (Complete up to "Generating a Certificate" section)



Section 2: Use Composer to create a signed SplashBuddy

- 1. Open Composer.
- 2. If necessary, enter your login password.
- 3. If you are prompted to allow Composer full disk access, take the following steps:

{}	Composer requires full disk access Some Composer functions require full disk access. To allow Composer full disk access, click "System Preferences", unlock system settings, and click the "+" button to add Composer.
	Don't display this message again
	System Preferences OK

- A. Select the checkbox "Don't display this message again."
- B. Click System Preferences.
- C. Confirm that System Preferences opens to the Privacy pane of Security & Privacy preferences.
- D. In the lower-left corner, click the lock, then provide administrator credentials.
- E. In the left column, select Full Disk Access.
- F. In the list of apps, click Add (+).
- G. Select the Composer app then click Open.
- H. At the message, "Composer will not have fill disk access until it is quit," click Later.
- I. Quit System Preferences.
- J. In the list of apps, confirm that the checkbox is selected for Composer.
- 4. If Composer displays the Snapshot dialog, click Cancel.





- 5. From the Composer menu at the top of the screen, choose Preferences.
- 6. Select the checkbox for "Sign with".
- 7. Click the menu and choose an appropriate certificate.

For the certificate signed by Jamf Pro, it will have your organization's name:

••• •••	Composer Preferences
Packaging Exclusion List Adv	anced
Build flat PKGs	
Sign with 🗸 D32A	57DD-B781-4AAA-92E6-40E76A38592B
Remove DS	Network Consultants Inc
Scan images wnen pu	er: B22C72B1-795A-48D8-91E7-193FDC1C8E8C 501584AF-0CE9-421E-8AB4-6F907A42AB30 เฉเกฎ มหเธร
🗹 Play sounds	
Reveal in Finder when	done
DMG Target Filesystem:	Prompt 🗘
	Cancel Save

For your Developer ID Installer, it will start with "Developer ID Installer."

Composer Preferences
Packaging Exclusion List Advanced
Build flat PK(D32A57DD-B781-4AAA-92E6-40E76A38592B
✓ Sign with ✓ Developer ID Installer: Dreyer Network Consultants, Inc. (QDYKF3353J)
Remove .DS
🗹 Scan images when building DMGs
🗹 Play sounds
Reveal in Finder when done
DMG Target Filesystem: Prompt 🗘
Cancel

- 8. Click Save.
- 9. Close the Preferences window.
- 10. Quit Composer.



Section 3: Customize onboarding information screen shown in SplashBuddy

By default, when SpashBuddy opens, it displays generic information. It is recommended that you customize the two sections of the SplashBuddy window so that the user knows what apps are getting installed during the enrollment process. You also have the ability to customize the onboarding information screen with information about your organization, the Mac they are receiving, and any other information you desire.

In this section you'll customize the onboarding information section of the SplashBuddy screen. For this part of the guide, you will use a code editor; it's not recommended to use TextEdit, because it can add unwanted formatting and characters. This guide uses BBEdit as an example, which is available from the Mac App Store or from here: https://www.barebones.com/products/bbedit/.

Version 2 of SplashBuddy builds on earlier versions and includes the ability to parse information from / private/var/install.log.

1. Download the SplashBuddy zip file from: https://github.com/davidyoondrums/SplashBuddy/releases/



- 2. In the Finder, if the zip file wasn't automatically unarchived, then double-click the SplashBuddy zip file to unarchive the file.
- 3. Drag the SplashBuddy folder to your desktop.
- 4. Open the SplashBuddy 2.0.0 folder.
- 5. Navigate to the SplashBuddy 2.0.0/payload/Library/Application Support/SplashBuddy folder.





- 6. Control-click the presentation.bundle file, then choose Show Package Contents.
- 7. In the window that appears, open the en.lproj folder. There are two files to take note of. index.html is the file that SplashBuddy uses to display the onboarding information of your choice, and the img folder is where you save any image(s) referenced in the index.html file.

• • •	prese	ntation.bundle		
Favorites	Name	Date Modified	Size	Kind
1 davidvoon	🔻 🚞 en.lproj	Apr 18, 2020 at 11:56 PM		Folder
	📄 credits.txt	Feb 5, 2019 at 5:24 AM	501 bytes	Plain Te
L] Desktop	readme.txt	Feb 5, 2019 at 5:24 AM	198 bytes	Plain Te
Recents	🕨 🛅 js	Sep 3, 2019 at 8:47 AM		Folder
P Documents	CSS	Nov 4, 2019 at 11:34 AM		Folder
¥	🕨 📄 img	Apr 17, 2020 at 4:50 PM		Folder
Applications	o index.html	Apr 18, 2020 at 11:56 PM	3 KB	HTML t

- 8. Obtain your company logo in a png format file, then place it in the img folder.
- 9. Open the index.html file in a web browser of your choice. Confirm that the web browser displays onboarding information. This index.html template contains 5 example screens which rotate every 25 seconds. You are able to change these screens to those of your choosing.





- 10. Close the browser window that is displaying the index.html file.
- 11. In the Finder, control-click the index.html file, choose Open With, then choose the code editor of your choice. This guide uses BBEdit as the text editor.

•••	in en	Iproj		
$\langle \rangle$			Q Search	
Favorites	credit:	s.txt		
A Google Drive	CSS	Þ		
	img	•	Inst	ang Company Ar
🐳 Dropbox	o inder	Open		
AirDrop	Js	Open With		Safari (default)
Recents	i read	Move to Trash		(a) BBEdit
Applications				O Cisco Webex Meetings
Desktop		Send with Transfer		CodeRunner

12. Confirm that the text editor you chose opens the index.html file. Review the html code used in index.html.





13. Locate the first html code block in the index.html file. This code corresponds to the following onboarding information screen:



- 14. Change "Pretendco" to your company name.
- 15. Change "img/PretendcoNeon.png" to "img/YourCompanyLogo.png".
- 16. Save the index.html file.
- 17. Refresh the browser to to confirm your edits.





18. Locate the second html code block in the index.html file. This code corresponds to the following onboarding information screen in a web browser. As examples, you'll change the color of the type and the size of the MacBook Pro.



- 19. Make the following changes in the index.html file:
 - a. Replace "Installing" with "Please be patient".
 - b. Add "Installing" at the end of Company Apps so it reads "Company Apps Installing".
 - c. Change the value of height from 420 to **200**
- 20. Save the index.html file.
- 21. Refresh the browser to confirm the changes are displayed the second page. To display the second page immediately, you can click the second dot on the right-side of the image.





- 22. Locate the third html code block in the index.html file. This code corresponds to the following onboarding information screen in a web browser.



- 23. You'll delete the text under the title.
- 24. Delete the line, <h2> Self Service is ... healthy and secure<h2>.
- 25. Save the index.html file.
- 26. Refresh the browser to confirm the changes are displayed on the third page.





27. Locate the fourth html code block in the index.html file. This code corresponds to the following onboarding information screen in a web browser.

<pre><div class="section" id="section4" style="background-image: var(background-image)"></div></pre>
<pre> </pre>
<h2>Install the VPN client from Self Service.<h2></h2></h2>

<h2>You are now ready to connect to the company network! <h2></h2></h2>
Not in the Office?

5 e 15 🔤	💷 00:01:00 🚯 🌒 💽 Sun 20:46 Q
	Macintosh HD

- 28. Delete the entire code block above. This reduces the number of onboarding information screen from 5 to 4. The screen will be deleted out of the rotation.
- 29. Save the index.html file.
- 30. Refresh the browser to confirm the changes are displayed the third page.

Optional: More customization for the Onboarding pages.

Light mode/Dark Mode

If you change the background image, then you need to provide the light version and the dark version. Make sure to name your images "background-dark.jpeg" for the dark version and "background-light. jpeg" for the light version. Place both files in the "img" folder.



The result is that when a user chooses Dark Mode during Setup Assistant, SplashBuddy uses background-dark.jpeg for the background. Similarly, if the user chooses Light Mode during Setup Assistant, then SplashBuddy uses background-light.jpeg for the background.

Note: Although you are longer using the PretendcoNeon.png file in your index.html file, this guide uses PretendcoNeon.png for this example.





Page Scrolling

You can change the value of "scrollingSpeed:" to change how fast the screen scrolls between pages. By default it's set to 700 which is 0.7 seconds.

```
<script type="text/javascript">

$(document).ready(function() {

$('#fullpage').fullpage({

css3: true,

navigation: true,

navigationPosition: 'right',

scrollingSpeed: 700,

loopBottom: true,

keyboardScrolling: true,
```

You can change the value of "fn.fullpage.moveSectionDown()" to change how long it will take for the next page to auto scroll. By default it's set to 25000 which is 25 seconds.

```
<!-- JavaScript Function to move down sections in millisecond intervals -->
afterRender: function(){
    setInterval(function(){
        $.fn.fullpage.moveSectionDown()
    }, 25000);
```

Once you made final changes to the index.html, save the document. Also make sure that any images you have included in each screen are in the "img" folder with the appropriate name defined in the index.html file. Refresh your browser and confirm your changes.



Section 4: Gather app icons used in SplashBuddy

In order for SplashBuddy to display an app icon for each app that it installs, you need to gather each app icon. Use this section to gather app icons. There are at least two ways to gather an app's icon. One option is to use an app that creates an icon, and another option is to use the Get Info window for an app. This guide covers both options. In a pinch, you could just use an internet search for an app's icon.

0	Internet Browser	Q
0	Communication Tool	i.

Option A: Use Self Service Icon Maker to gather all required icons

- 1. In a web browser, go to: https://github.com/mm2270/Self-Service-Icon-Maker.
- 2. Click Self Service Icon Maker.app.zip.

♥ Why GitHub? ✓ Team E	interprise Explore \sim	Marketplace Pricing $\!$		Sign in Sign up
Imm2270 / Self-Service-Ico	n-Maker		• Watch 8	🚖 Star 37 😵 Fork 2
<> Code ① Issues ① ① Pull re	equests 1 O Actions	s 🗏 Projects 0 🕕 Secu	rity 0 III Insights	
	GitHub is home to ov	Join GitHub today er 50 million developers workir	ng together to host	Dismiss
	and review code,	manage projects, and build sof	ftware together.	
A simple app that can extract Bun application	dle Icons (icns files) a	and convert them to png's s	uitable for use with Casp	er Suite's Self Service
-0- 11 commits	∲ 1 branch	🗊 0 packages	\mathbbm{S} 0 releases	2 1 contributor
Branch: master - New pull request				Find file Clone or download 🗸
mm2270 Update README.md			Latest co	ommit 1ec3e04 on Nov 10, 2017
README.md	_	Update READM	E.md	3 years ago
Self Service Icon Maker.app.zip		Upload version	1.3	4 years ago

3. Click Download.

Branch: master - Self-Service-Icon-Maker / Self Service Icon Maker.app.zip	Find file	Copy path
🙀 mm2270 Upload version 1.3	a23302c on M	far 21, 2016
1 contributor		
64.7 KB	Download History	, 1
View raw		

- 4. In the Finder, open your Downloads folder.
- 5. If your browser didn't automatically unarchive Self Service Icon Maker, then in the Finder, double-click Self Service Icon Maker.app.zip.
- 6. Drag the Self Service Icon Maker app from your Downloads folder to your Applications folder.





7. In your Applications folder, Control-click Self Service Icon Maker and choose Open.



8. In the dialog that macOS cannot verify the developer of "Self Service Icon Maker," click Open.



- 9. If there's a notification in the upper-right corner that asks for permission for Self Service Icon Maker to send you notifications, click Allow.
- 10. In the dialog "Choose a folder for where icons should be saved. If you Cancel, they'll be saved to your Desktop." click Cancel.
- 11. Drag an app to the main window of Self Service Icon Maker. This guide uses Slack as an example.



12. In the Finder, confirm that Self Service Icon Maker successfully saved a new image file and saved it on your Desktop.



- 13. Repeat steps 11 and 12 for each additional app icon you want SplashBuddy to display. This guide uses Google Chrome as the other app example.
- 14. Drag all the app icons into the folder SplashBuddy 2.0.0/payload/Library/Application Support/ SpashBuddy/.
- 15. Quit Self Service Icon Maker.



Option B: Use the Get Info window for an app to gather its icon

An alternative to Self Service Icon Maker is to use the Get Info window for an app to copy its icon, then use Preview to export an file in png format.

- 1. Open the Applications folder.
- 2. Control-click an app and choose Get Info.

• • •		🔼 A	pplications			
< >				Q Searc	h	
Favorites	Name	^	Date Modif	ied	Size	Kind
A davidvoon	🐺 ForkLift		Aug 14, 20	18 at 9:35 PM	13.3 MB	Application
	GIMP-2.	.10	Jun 13, 20	19 at 9:39 AM	462.6 MB	Application
Desktop	🖸 GitHub [Desktop	Jan 8, 202	0 at 4:44 PM	215.8 MB	Application
Recents	🤯 Go64		Feb 19, 20	20 at 12:57 PM	5.5 MB	Application
	🔽 🜍 Goog	Onen		at 4:14 PM	454.4 MB	Application
Documents	🔾 GoTot	Open Show Deckage Cont	onto	at 5:42 PM	78.4 MB	Application
Applications	G Gram	Show Package Con	ents	at 4:45 PM	146.2 MB	Application
Preferences	😭 Home	Move to Trash		at 2:12 AM	3.4 MB	Application
	🚯 Hour			at 9:51 AM	8.4 MB	Application
U Downloads	🔮 Image	Get Info		at 2:12 AM	2.4 MB	Application
OneDrive	🚳 iMazir	Rename		at 11:11 AM	20.7 MB	Application
Esharad	🔅 iMovie	Compress "Google Chrome"		at 10:46 AM	2.82 GB	Application
	iTerm	Duplicate		at 12:16 PM	37.4 MB	Application
(@) AirDrop	lamf	Make Alias		at 6:01 DM		Folder

- 3. In the upper-left corner of the Info window, select the app icon.
- 4. Press Command-C to copy the icon to your Clipboard.



- 5. Open the Preview app.
- 6. Click Cancel.





7. Click the File menu then choose "New from Clipboard".



- 8. In the sidebar, select the first image.
- 9. Choose File > Export.





- 10. In the Export As field, enter a name that indicates the name of the app.
- 11. Below the Tags field, click the menu and choose a location to save the file. This guide uses Desktop as an example.
- 12. Click the Format menu then choose PNG.
- 13. Click Save.

	Export As:	GoogleChrome	•		10
	Tags:				
		Desktop	÷ • •	Q Bearch	11
Favorites	SplashBuddy 2.0.0	Þ			
Desktop					
Applications					
Preferences					
Downloads					
DneDrive		н			
		Format: PNG	•		12
New Folder				Cancel	Save

- 14. Repeat steps 2-13 for each app icon that you want SplashBuddy to display.
- 15. Drag all the app icons into the folder SplashBuddy 2.0.0/payload/Library/Application Support/ SpashBuddy/.





Section 5: Gather "packageName" for app installer package

To ensure that SplashBuddy is able to interpret the logs to display each app as it is being displayed, you need to determine what is being recorded in /private/var/log/install.log as the app is installed after enrollment. This guide uses Google Chrome as an example.

- 1. In a web browser, visit https://cloud.google.com/chrome-enterprise/browser/download.
- 2. Next to "Chrome PKG for Mac," click Download.

••• <>		•	cloud.google.com	Ċ	0 6 0 .
ろ Google Cloud				Q, English	Console
Chrome Enterprise	Overview	Chrome Browser	Chrome OS Chromebooks Security Customers Chrome DMG for Mac OS X 83.3 MB Chrome v. 81.0.4044.129	Get Chrome Browser	Contact sales
			Chrome PKG for Mac OS X 91.5 MB Chrome v. 81.0.4044.129	Download 🛓	

- 3. Click Download.
- 4. Throughout this guide, if your browser asks permission to download files from a site you visited, click Allow.
- 5. Download the "Install Log Name" app from here: https://hcsonline.com/support/apps/install-log-app
- 6. In the Finder, double-click Install_LogName.zip to unarchive it.
- 7. Drag the "Install Log Name" app to the /Applications folder.

• • •	0	Downloads		
$\langle \rangle$		🖞 🖸 🔍 Sear	ch	
Favorites	Name	 ✓ Size 	Kind	Date Added
AirDrop	Install Log Name.zip	353 KB	ZIP archive	Today at 11:25 PM
	🍘 Install Log Name	520 KB	Application	Today at 11:25 PM
Recents	😻 GoogleChrome.pkg	96.8 MB	Installeackage	Today at 11:28 PM
Applications				
🛄 Desktop				
🖺 Documents				
Downloads				
Locations				

- 8. In the Applications folder, Control-click the Install Log Name app then choose Open.
- 9. Click Open.



10. In the upper-right corner, in the notification that asks for permission for Install Log Name to send notifications, click Allow.

0 🔴 🔴			li	nstall L	.og	Nam	е					
No pkg name.	file	loaded	Please	drop	a	pkg	e file	to	get	the	install	log
Dra	ıg files	on window to	process 1	:hem								Quit

- 11. Drag the GoogleChrome.pkg into the main window of the Install Log Name app.
- 12. Take note of the result(s), in this case "Google Chrome". You'll need this string to customize the app install indicator.

	Install Log Name				Downloads			
Install Log App Name			< >		• 💧 🤇	Q Sear	:h	
			Favorites	Name	~	Size	Kind	Date Added
			AirDrop	1 Install Log Name.zip		353 KB	ZIP archive	Today at 11:25 PM
			Recents	Install Log Name		520 KB	Application	Today at 11:25 PM
GoogLe Chrome			X	📥 🤿 GoogleChrome.pkg		96.8 MB	Installeackage	Today at 11:28 PM
			Applications					
			Desktop					
			Documents					
			O Downloads					
			Locations					
			□ David Y ≜					
			Network					
			Tags					
			🔴 Red					
			Orange					
Drag files on window to	process them	Quit	Yellow					
			Green					



Section 6: Set policy to install application upon enrollment complete

1. Upload the GoogleChrome.pkg to Jamf Pro in "Settings". If required, follow this step: https://docs.jamf.com/10.21.0/jamf-pro/administrator-guide/Managing_Packages.html

🗖 jamf 🛛 PRO			, 3	
Computers Devices Users	Settings : Computer Management > Packages ← GoogleChrome.pkg			
VERSION 10.201-t1584039255	General Options Limitations			
MANAGED	Display Name Display name for the package			
Mobile Devices: 0				
UNMANAGED	Category Category to add the package to			
Computers: 0	None			
Mobile Devices: 1	Filename Filename of the package on the distribution point (e.g. "MyPackage.dmg")			
	Manifest File			
	Info Information to display to the administrator when the package is deployed or uninstalled			
	landar - Maina il alasta ile alter antina ile antine ile antine dana ile atta de la setta de la setta de la set			

2. Create the policy to push "GoogleChrome.pkg". If required, follow this step: https://docs.jamf.com/10.21.0/jamf-pro/administrator-guide/Managing_Policies.html.

🏜 jamf PRO			Full Jamf Pro 👻	र 💊 🏟
Computers Devices Users	Computers : Policies ← Install Google Chrome			
	Options Scope Self Service	e User Interaction		
	a General	Packages		
CONTENT MANAGEMENT	Packages > 1Package >	Distribution Point Distribution point to download the package(s) from Each computer's default distribution point +		- 1
Policies Configuration Profiles	Software Updates Not Configured	GoogleChrome.pkg		
Restricted Software	Scripts 0 Scripts	Action Action to take on computers		
	Printers 0 Printers	Install •		
	Disk Encryption Not Configured	Add or remove the package from each computer's Autorun data		Cancel
Collapse Menu	Desktume			Cancer

3. Set the trigger as "Enrollment Complete". Also, scope to the computer that you want to use for testing.





Section 7: Customize app install indicator

1. In the Finder, navigate to the Desktop folder, then navigate to /SplashBuddy 2.0.0/payload/Library/Preferences/.

<>		Q Search		
Favorites	Name	Date Modified	Size	Kind
davidyoon	🔻 🛄 Library	Apr 20, 2020 at 12:09 AM		Folder
Dealstan	Application Support	Apr 20, 2020 at 9:45 AM		Folder
Desktop	🔻 📃 SplashBuddy	Apr 20, 2020 at 9:45 AM		Folder
Recents	chrome.png	Jan 4, 2018 at 10:09 AM	16 KB	PNG ima
Documents	presentation.bundle	Sep 3, 2019 at 8:47 AM	4.3 MB	bundle
×	💀 slack.png	Apr 18, 2020 at 9:42 PM	20 KB	PNG ima
Applications	SplashBuddy	Sep 3, 2019 at 8:47 AM	17.3 MB	Applicat
Preferences	SplashBuddy.launch.sh	Jan 4, 2018 at 4:09 AM	1 KB	shell sc
Downloads	🔻 🚞 LaunchAgents	Sep 3, 2019 at 8:47 AM		Folder
Downloads	🖻 io.fti.SplashBuddy.launch.plist	Jan 4, 2018 at 9:09 AM	493 bytes	property
OneDrive	Preferences	May 3, 2020 at 9:45 PM		Folder
🚞 Shared	io.fti.SplashBuddy.plist	May 3, 2020 at 11:43 PM	1 KB	property
AirDrop				
Resources				
iCloud				
Cloud Drive				
_ loload brive	📓 Macintosh HD > 🧾 Us > 😭 da > 🛅 De > 🚞 Sp >	📄 pa > 📄 Lib> 📄 Preferences 🤉	io.fti.SplashBu	ddy.plist

- 2. Control-click io.fti.SplashBuddy.plist, choose Open With, then choose your code editor (this guide uses BBEdit as an example).
- 3. Confirm that your text editor displays the content of the plist file.



- 4. Locate the continueAction key. <key>continueAction</key> <string>Quit</string>
- 5. Decide which value to assign for the key. You can use any of the following options (this guide uses the default value, Quit, as an example):
 - a. Quit: guit SplashBuddy
 - b. Restart: restart computer
 - c. Logout: log out of the computer
 - d. Hidden: hide the button
 - e. Shutdown: shut down the computer
 - f. Applications/Self Services.app: launch app by setting a path



 Leave the value of InstallerInsider as <true/>. With this setting SplashBuddy reads from macOS /private/var/log/install.log to determine what apps are getting installed. For the purpose of this guide, keep this setting as is.
 <key>InstallerInsider</key>

```
<true/>
```

Optional: Set the value for InstallerInsider to **<false/>**, and set the value for JAMFInsider to **<true/>**. With this setting, SplashBuddy reads from /private/var/log/jamf.log.

- 7. Leave the value for fullScreen as <true/>, so SplashBuddy runs in full screen. The user will not be able to do anything else with their Mac until SplashBuddy quits. <key>fullScreen</key> <true/>
- Set the value of canContinue to <false/>. With this setting, a button to exit out of SplashBuddy will not appear until the app install indicator in question turns green.
 <key>canContinue</key></false/>
- Set displayName to "Internet Browser". You can define what kind of app is getting installed. Eg: "Internet Browser", "Collaboration Tool", etc. <key>displayName</key>

```
<string>Internet Browser</string>
```

10. Set description to "Installing Chrome". Put the description of what is getting installed. Eg: "Installing Google Chrome"

```
<key>description</key>
<string>Installing Chrome</string>
```

11. Set iconRelativePath to "Chrome.png". Set the name of the png file that you saved to /img folder inside the presentation.bundle. For example, "chrome.png" for the Google Chrome icon and "slack.png" for the Slack icon. <key>iconRelativePath</key>

```
<string>chrome.png</string>
```

12. Set packageName to "Google Chrome". Use the string that you saved from section 5 of this guide where you used the Install Log Name app to get the packageName. Since SplashBuddy ignores the version numbers of the installer package, you do not need to include it in the packageName. <<u>key>packageName</u></<u>key></u> <array>

```
<string>GoogleChrome</string>
</array>
```

Option: Sometimes you will get more than one packageName during Section 5. Then include all of them as part of an array so that SplashBuddy can successfully detect the packageName. Take a look at the following example.

13. If you choose to install Slack via Apps and Books in Jamf, then leave out the section below. Otherwise delete the entire section shown below.

```
<key>packageName</key>
<array>
<string>GoogleChrome</string>
<string>Google Chrome</string>
<string>com.google.Chrome</string>
</array>
```

- 14. For each additional app installation indicator you want SplashBuddy to display, insert a new block of code for the app. Copy and paste the code block above, then modify keys as needed.
- 15. Save the io.fti.SplashBuddy.plist file.
- 16. Quit your text editor.



Section 8: Use Composer to create and sign the SplashBuddy Installer Package

Although the SplashBuddy 2.0.0 folder includes the script build_pkg.sh to create a SplashBuddy Installer package without code signing, you need to create and sign the SplashBuddy Installer package in order to use it as a Jamf Pro Computer PreStage Enrollment package.

- 1. Open Composer.
- 2. If you see the "Composer required full disk access" message, and you've already granted it in section X, then select the checkbox for the "Don't display this message again" option, then click OK.

	Composer requires full disk access
12	Some Composer functions require full disk access. To allow Composer full disk access, click "System Preferences", unlock system settings, and click the "+" button to add Composer.
	Don't display this message again

3. If Composer displays the Snapshot dialog, click Cancel.



- 4. In the Finder, open the SplashBuddy 2.0.0 folder.
- 5. Drag the payload folder to the Sources section in Composer.





6. If a file named .DS_Store is present, then Control-click .DS_Store, choose Delete .DS_Store, then click Delete to confirm.

• • •		Composer 10.20.1	
😸 🍃	č 🌈		Q Search
New Build a	s DMG Build as PKG		Search
SOURCES	DS_Store	Reveal .DS_Store in Finder	
PACKAGES		Rename .DS_Store	
		Delete .DS_Store	

- 7. In the Sources section, click the disclosure triangle next to "payload".
- 8. Control-click the Scripts folder, choose Add Shell Script, then choose postinstall.

• • •		Composer 10.2	0.1
New Build	as DMG Build as PKG		Q Search Search
SOURCES	Add Perl Script	preupgrade InstallationCheck postflight preflight preflight preinstall volumeCheck	S cript to the package, right-click the Scripts select the script you wish to add. default scripts in Perl and Bash for all 8 scripts ported for a package. e only added to PKGs.

The postinstall script is now created, and it's ready to be modified.

9. Select entire block of code below, then press Command C to copy the script to the Clipboard.

```
#1/bin/bash
loggedInUser=`python -c 'from SystemConfiguration import SCDynamicStoreCopyConsoleUser;
import sys; username = (SCDynamicStoreCopyConsoleUser(None, None, None) or [None])
[0]; username = [username,""][username in [u"loginwindow", None, u""]]; sys.stdout.
write(username + "\n");'`
loggedInUID=`id -u ${loggedInUser}`
if [[ ${loggedInUID} -gt 500 ]]; then
echo "Launching SplashBuddy for user ${loggedInUID}..."
sudo -u \#${loggedInUID} launchctl enable gui/${loggedInUID}/io.fti.SplashBuddy.launch
sudo -u \#${loggedInUID} launchctl bootstrap gui/${loggedInUID}/ /Library/LaunchAgents/
io.fti.SplashBuddy.launch.plist
sudo -u \#${loggedInUID} launchctl kickstart gui/${loggedInUID}/io.fti.SplashBuddy.
launch
```



- 10. In Composer, in the postinstall script, press Command-A to select all the text in the postinstall script.
- 11. Press Command-V to paste the script from the Clipboard into the postinstall script.

• • •	Composer 10.20.1	
🤪 📝	2	Q Search
New Build as DMG	Build as PKG	Search
SOURCES	<pre>#!/bin/bash loggedInUser=`python -c 'from SystemConfiguration i import sys; username = (SCDynamicStoreCopyConsoleUs username = [username,""][username in [u"loginwindow sys.stdout.write(username + "\n");' loggedInUID=`id -u \${loggedInUser}` if [[\${loggedInUID} - id -u \${loggedInUser}` if [[\${loggedInUID} - id -u \${loggedInUser}; usedo -u \#\${loggedInUID} launchtl enable gui/; sudo -u \#\${loggedInUID} launchtl botstrap g LaunchAgents/io.fti.SplashBuddy.launch.plist sudo -u \#\${loggedInUID} launchtl kickstart gu io.fti.SplashBuddy.launch fi</pre>	<pre>import SCDynamicStoreCopyConsoleUser; ser(None, None, None) or [None])[0]; ", None, u""]]; nUID}" {\loggedInUID}/io.fti.SplashBuddy.launch ui/\${loggedInUID}/ /Library/ ui/\${loggedInUID}/</pre>

- 12. Press Command-S or choose File > Save to save the changes.
- 13. Control-click payload then choose "Rename payload."

• • •	•	Comp	oser 10.20.1	
-	A	2		Q Search
New	Build as DMG Bu	ild as PKG		Search
SOURC	Reveal in Finder Build as DMG Build as PKG Rename payload	Library Application Support Preferences .DS_Store LaunchAgents		
	Delete payload			
			Owner: Caral Group: Caral Everyone:	

14. Enter the name **SplashBuddyInstaller**.



- 15. In the Library folder, all folders except SplashBuddy.app and presentation.bundle. The following figure displays all the components that are required to be in the SplashBuddy installer package.
- 16. Click the Library folder.
- 17. Click the Owner menu and choose "root (0)."
- 18. Click the Group menu and choose "wheel (0)."
- 19. Confirm that the permissions are set to the exact settings displayed in the following figure.

•••		Comp	oser 10.20.1						
-	R	2			Q Search				
New	Build as DM	G Build as PKG				Searc	h		
SOURCES		🔻 🚞 Library							—— 18
🔻 🥪 Splas	shBuddyInsta	🔻 🚞 Application Support							
🔻 📄 Sc	cripts	🔻 🚞 SplashBuddy							
	postinstall	DS_Store							
🕨 📄 Se	ettings	SplashBuddy.launch.sh							
🕨 📄 Sn	napshots	SplashBuddy.app							
DAOKAOE	0	a chrome.png							
PACKAGE	5	a slack.png							
		presentation.bundle							
		.DS_Store							
		🔻 🚞 Preferences							
		io.fti.SplashBuddy.plist							
		DS_Store							
		The LaunchAgents							
		io.fti.SplashBuddy.launch.plist							
									19
					- 1				
				reat (0)					
				1001 (0)	× 1	• •			21
				wheel (0)	•	Image: Contract of the second seco			
				•				*	
					. L	Mode	755		
									20

20. Click the Action menu (looks like a gear) and choose "Apply Owner and Group to Library and All Enclosed Items."



- 21. In the Composer toolbar, click "Build as PKG."
- 22. Press Command-D to specify that the Desktop is the location to save the package to.



23. Click Save.

•••	C	Composer 10.20.1
🥪 📝	2	Q Search
New Build as DM	G Build as PKG	Search
SOURCES		Creating PKG for SplashBuddyInsta Signing package
		Stop

24. In order to sign your package, Composer needs access your private key. At each prompt enter your login password and click Allow (or click Always Allow to grant Composer access to your key without asking for your password again).

\bigcirc	productsign wants to sign using key "access" in your keychain.				
****	To allow this, enter the "login" keychain password.				
	Password:				
?	Always Allow Deny Allow				

25. Confirm that the SplashBuddy installer package is created in your Desktop.



26. Quit Composer.



Section 9: Deploy the SplashBuddy installer package as a Computer PreStage Enrollment package in Jamf Pro

- 1. Log in to Jamf Pro.
- 2. In the upper-right corner, click Settings (looks like a gear).
- 3. Click Packages.

								ſ	Full Jamf Pro 🗸	ম	<mark>,³</mark> ₿	
	Network O	rganization										
	Buildings	Departments	Network Segments	iBeacons	Sites	Network Integration						
	Computer	Management										
-	Packages	Scripts	Printers	Directory Bindings	Disk Encryption	Dock Items	Configurations	Patch Management				

4. Click New (+).

🋂 jamf PRO		Full Jamf Pro 🗸	<u>L</u> \$ \$
Computers Devices Users	Settings : Computer Management ← Packages		
VERSION 10.20.1-t1584039255			+ New
MANAGED Computers: 0	NAME CATEGORY PRIORITY	FUT FEU	INDEXED
Mobile Devices: 0	No Packages		

5. Click Choose File.

🗖 jamf PRO	Full Jamf Pro 🗸 👌 🔅
Computers Devices Users	Settings : Computer Management → Packages ← New Package
version 10.20.1-t1584039255	General Options Limitations
MANAGED Computers: 0 Mobile Devices: 0	Display Name Display name for the package [Required]
UNMANAGED Computers: 0 Mobile Devices: 0	Category Category to add the package to None
	Choose File Manifest File



6. Select the SplashBuddy Installer package you created using Composer, then click "Choose"

	Desktop 🗘	Q Search
Favorites	Name	A Date Modified
😭 davidyoon	Screen Shot 2020-04-24 at 5.25.05 PM	Today at 5:25 PM
Deskton	SplashBuddy 2.0.0	Apr 18, 2020 at 10:31 PM
Desktop	🖻 build_pkg.sh	Apr 18, 2020 at 10:31 PM
Recents	🕨 🚞 payload	Apr 20, 2020 at 12:09 AM
🖺 Documents	scripts	Nov 27, 2019 at 12:57 PM
Applications	postinstall	Feb 2, 2019 at 8:29 AM
	SplashBuddy-component.plist	May 31, 2019 at 9:34 AM
Preferences	F SplashBuddy.2.0.0.zip	Yesterday at 10:44 PM
🕛 Downloads	💝 SplashBuddyInstaller.pkg	Today at 5:12 PM
OneDrive		
🚞 Shared		
Resources		
iCloud		
iCloud Drive		
Locations		
		Cancel Choose

- 7. Set a "Category".
- 8. In the lower-right corner, click Save to complete the upload.

🗖 jamf PRO	Full Jamf Pro 🗸 🤌 🕴	ŝ
Computers Devices Users	Settings : Computer Management > Packages ← New Package	
VERSION 10.20.1-11584039255 MANAGED	General Options Limitations	
Computers: 0	Display Name Display name for the package	1
Mobile Devices: 0 UNMANAGED Computers: 0 Mobile Devices: 0	Chickey Fileson Dickey (Histoniciping Chickey Chickey (Instance)]
Collapse Menu	Cancel	



9. In the sidebar, click Computers, then click PreStage Enrollments.

┛ jamf PRO			Full Jamf Pro Y	<u>n</u> 🧳 🏟
Computers Devices Users	Computers PreStage Enrollments			
Policies				+ New
♀ Configuration Profiles (x) Restricted Software	NAME	∧ LAST SYNC		SITE
PreStage Imaging	DEP Enrollment	03/18/2020 at 10:39 PM		None
\land Mac App Store Apps				
Patch Management				
eBooks				
GROUPS				
Smart Computer Groups				
Static Computer Groups				
ဂိုဂို Classes				
ENROLLMENT				
Enrollment Invitations	_			
PreStage Enrollments]			
CETTINCE				

- 10. If you do not have PreStage created, then follow this guide to create a Computer PreStage Enrollment: https://docs.jamf.com/10.21.0/jamf-pro/administrator-guide/Computer_PreStage_Enrollments.html
- 11. If you have a PreStage created previously, then select the one you wish to use. Click Clone (looks like two documents).

™ jamf PRO		Full Jamf Pro 🗸 👂 🥸
Computers Devices Users	Computers : PreStage En ← DEP Enrollmen	rollments nt
Policies	Options Scope	
 Configuration Profiles Restricted Software 	🚺 General >	General
PreStage Imaging	a Arrent	Display Name Display name for the PreStage enrollment
A Mac App Store Apps	Settings	
Patch Management	Configuration Profiles 2 Profiles	Automated Device Enrollment Instance Automated Device Enrollment instance to associate with the PreStage enrollment. Devices associated with the selected Automated Device Enrollment instance can be
GROUPS	Passcode 1 Payload Configured	assigned the PreStage enrollment ABM for FTI
[ිටු Static Computer Groups දීබ්රි Classes	👤 Purchasing	Automatically assign new devices Automatically assign all new devices to this PreStage enrollment
ENROLLMENT	O Attachments	Enrollment Site Site that computers will be added to during enrollment Toronto
PreStage Enrollments	Certificates	Use existing site membership, if applicable
ද්ූි} Management Settings	Sector Se	Use existing location information, if applicable Support Phone Number - Support phone number for the orginal Clone
Collapse Menu		C D J Edit



12. In the Display Name field, replace the contents with a name. This guide uses SplashBuddy Test as an example.



13. Scroll down and click "Enrollment Packages", then click "Configure" button.



14. Next to the SplashBuddy Installer package you uploaded in step 8 of this section, click Add.

Computers Devices Users	Computers : PreStage Enro	ilments :		
Policies	Options Scope			
🔍 Configuration Profiles	General	ориальнааургороомп.ркg	@Enronment	
Restricted Software		SplashBuddyInstaller-loginwindow.pkg	@_Enrollment	Add
PreStage Imaging	Account Settings	SplashBuddyInstaller-NoSelfServiceLaunch.pkg	@_Enrollment	Add
Mac App Store Apps		SalashBuddulastallaraka	@ Enrollmont	Add
Patch Management	Profiles	spiasi buduyi istailer.pkg	@_Enrollment	Add
eBooks	2 Profiles	SplashBuddyJamf,pkg	@_Enrollment	Add
GROUPS	Passcode 1Payload Configured	TextMate-1111.pkg	No category assigned	Add
Smart Computer Groups		TextMate.pkg	@_Enrollment	Add
Static Computer Groups	Durchasing	Tunnelblick-377 pkg	@ Enrollment	Add
ູ່ໃດ້) Classes		Turnelbick 57.pkg	@_Enronnent	
	Attachments O Attachments	updateJamf-1.4.pkg	After Enrollment	Add
		VDN DDD Config Files pkg	@ Enrollmont	Add



- ,<mark>3</mark> 🗾 jamf | PRO Computers : PreStage Enrollments ← DEP Enrollment Computers Devices Options Scope General Enrollment Packages Distribution Point Distribution point to download the package(s) from Account Settings Configuration Profiles 2 Profiles Cloud Distribution Point (null) Passcode 1 Payload Configured 2 SplashBuddyInstaller.pkg × + Purchasing Attachments 0 Attachments Certificates PreStage Enrollments Enrollment Packages 1 Package Cancel
- 15. Select "Cloud Distribution Point". Note: Don't worry if this is displayed with the text "(null)".

16. In the lower-right corner, click Save, then click Save to confirm the change.





Section 10: Test SplashBuddy

SplashBuddy does not trigger policy to kickstart app installation. Which means, you need to upload the app installer package to Jamf then set up a policy that will install the package upon enrollment which this guide covers in section 6.

- 1. Confirm the test Mac is assigned to Jamf in Apple Business Manager.
- 2. Confirm the test Mac is scope to PreStage Enrollment in Jamf.
- 3. Turn on the Mac to begin testing.
- 4. Complete the Setup process to get to the Desktop.
- 5. If everything is done correctly, SplashBuddy will load very shortly



6. If SplashBuddy does not load upon arriving to the Desktop, then SplashBuddy Installer Package is created incorrectly. Verify SplashBuddy is installed by navigating to /Library/Application Support/ SplashBuddy folder in the Finder.





- 7. Confirm that "io.fti.SplshBuddy.plist" is installed in the /Library/Preferences/ folder. If the file does not exist, then SplashBuddy Installer Package is created incorrectly.
- 8. Confirm that io.fti.SplashBuddy.launch.plist is installed in the /Library/LaunchAgents folder. If the file does not exist, then SplashBuddy Installer Package is created incorrectly.
- 9. Once SplashBuddy is loaded, take note of app install indicators as it turns green.



- 10. If one of the app install indicators does not change to green, then the incorrect "packageName" is set in io.fti.SplashBuddy.plist.
- 11. If "canContinue" is set to false, then the button to exit SplashBuddy does not appear. Press Control-Option-Command-Q to quit SplashBuddy.
- 12. Make sure to obtain correct "packageName" of all apps used for app install indicators described in section 5.
- 13. Another method to obtain correct "packageName" is searching the /private/var/log/install.log once all apps have been installed.
- 14. In Finder, Press Shift-Command-G, enter /private/var/log/, then click Go.

0 🔴 🔴			🗐 Desktop — Loca	al		
< >	888		* ~ 🚹 🤇	Q Search	1	
Favorites	Name				ified	Size
davidyoon	1	Go to the folder:			020 at 10	44 PM 1
Desktop		/private/var/log/			>)20 at 10:	31 PM
	-				10:50 PM	1
Recents	-		Ca	ncel G	o / at 12:34	AM
Documents	-				/ at 12:22	AM
Applications						
Preferences						
Downloads						
🖱 OneDrive						
Shared						
AirDrop						
Resources						
iCloud						
Locations	📓 Ma	icintosh HD > 🚺 Users > 😚	🎦 davidyoon > 🛅 De	esktop		

- 15. Double-click install.log to open the file. By default, it opens in Console.
- 16. After install.log is opened in Console, press Command-F.



17. In the search field, enter Installed "GoogleChrome or Installed "Google Chrome or simply Chrome

● ● ● Install.log
🖹 🤍 F2 C 🏦 Q Search
Reveal Now Clear Reload Share
Q~ Installed "GoogleChrome 1 🕲 < > Done
Automic abby onlicetics) i tamenotics) condite outomic i tamenotici tamenotici terretici (1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,
(Plugin).app 2020-04-08 15:17:13-04 catalinatestt2s-MacBook-Air installd[415]: PackageKit: Touched bundle /Applications/Google Chrome.app/Contents/Frameworks/Google Chrome Framework.framework/Versions/70.0.3945.79/Helpers/Google Chrome Helper.app 2020-04-08 15:17:13-04 catalinatestt2s-MacBook-Air installd[415]: PackageKit: Touched bundle /Applications/Google Chrome.app/Contents/Frameworks/Google Chrome Framework.framework/Versions/79.0.3945.79/Helpers/Google Chrome Helper (0PU).ann
2020-04-08 15:17:13-04 catalinatestt2s-MacBook-Air installd[415]: Installed "GoogleChrome 79.0.3945.79" ()
2020-04-06 15:17:13-04 Catalinatestt25-MacBook-Air install_monitor[15/3]: Ke-included: /Applications, /Library, /System, / bin, /private, /sbin, /usr
2020-04-08 15:17:14-04 catalinatestt2s-MacBook-Air softwareupdated[572]: bridgeOS: Minimum bridge version requirement
satistied ((null)), skipping search for bridgeUS update 2020-04-08 15:17:14-04 catalinatestYS=MacRonk-Air softwareundated[572]: bridgeOS: Minimum bridge version requirement
satisfied ((null)), skipping search for bridgeOS update
2020-04-08 15:17:14-04 catalinatestt2s-MacBook-Air installd[415]: PackageKit: releasing backupd
2020-04-08 15:17:14-04 catalinatestt2s-MacBook-Air installd[415]; PackageKit: allow user idle system sleep
2020-04-08 15:17:14-04 Catalinatestt2s-MacBook-Air instalio[415]: Packagekit: Cleared responsibility for instali from 1529. 2020-04-08 15:17:14-04 catalinatestt2s-MacBook-Air instalio[415]: Packagekit: End instali
2020-04-06 15:17:14-04 Catalinatestt2s MacBook All installd[415]: Packagekit In Install time
2220-08 15:17:14-04 catalinatestt2s-MacBook-Air installd[415]: PackageKit: Running idle tasks
2020–04–08 15:17:14–04 catalinatestt2s–MacBook–Air installd[415]: PackageKit: Done with sandbox removals
2020-04-08 15:17:14-04 catalinatestt2s-MacBook-Air installer[1529]: PackageKit: Registered bundle file:///Applications/
Google%20Chrome.app/ for uid 0
2020-04-08 15:17:14-04 catalinatestt2s-MacBook-Air softwareupdated[572]: SUScan: Elapsed scan time = 11.4
2020-04-08 15:17:14-04 catalinatestt2s-MacBook-Air softwareupdated[572]: Refreshing available updates from scan
2020-04-00 15:17:14-04 catalinatesttzs-Macbook-Air sottwareupdated[5/2]: SUStatisticsManager: Successfully reported
statistits für Gategory o 2009-04-09 15:17:14-04 optaligatortt2r-ManBank-Air SoftwareledatoNatificationManagar[1560]: AccortionMar: Taka
222094-00 1917/14-04 catarinatestrzs-masson-air SortwareopudteNotFiltationManager[1500]. AssertionNyf: Take
2020-04-08 15:17:14-04 catalinatest12s-MacBook-Air softwareundated[572]: Adding client SUUpdateService[]int id=1560.
uid=502, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/

You may get one of the following results:

- Installed "GoogleChrome"
- Installed "Google Chrome"
- Installed "com.google.Chrome"
- Installed "Google Chrome 79.0.1234"
- Installed "GoogleChrome 81.0.1234"

18. Modify "packageName" in io.fti.SplashBuddy.plist to reflect the correct name(s).

```
<key>packageName</key>
<array>
<string>GoogleChrome</string>
<string>Google Chrome</string>
<string>com.google.Chrome</string>
</array>
```

Take note the ".pkg" or version numbers such as "- 81.0.123.pkg" does not need to be included in the pakageName

You've reached the end of this guide, we hope it was helpful. Feel free to continue the discussion in the #splashbuddy channel of the macadmins.org Slack instance, which is free for anyone who agrees to the code of conduct.

If you'd like help implementing the solution in this white paper, we are ready to help; contact us at info@hcsonline.com or (866) 518-9672.

If you have corrections please send them to info@hcsonline.com.

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