

# How to Use Jamf Pro to Deploy iOS Apps to Mac with Apple Silicon



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#### Preface

You can deploy iOS apps to Silicon Macs right from your Jamf cloud as long as the iOS developer allows this for their app. Not all developers allow the deployment to Mac due to how the app will perform on a Mac due to functional differences. Some can be deployed and may or may not work if they look like this:



Apps that cannot be deployed due to the developer not allowing deployment, will give you this message when you select Managed Distribution.

General	Scope	Self Service	Managed Distribution
	Device Assign	ments	VPP Codes
lume Conte	nt		



## Section 1: Gather Information From iOS/iPadOS App

In this section, we need to gather some information about the app for iOS/iPadOS. We are going to use Calculator + by Sarah Ragab. The information that you will need for deploying the app to the Mac is:

- Short Version of the app
- Bundle Identifier
- App URL
- 1. Login to Jamf Pro.

🗖 jamf 🏼 P	RO
<b>USERNAME</b> ex. admin	
PASSWORD	$\bigcirc$
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- 2. Click Devices.
- 3. Click Mobile Device Apps.
- 4. Click Calculator +.

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2—	Computers Devices Users	Mobile Devices Mobile Device Apps				
-	INVENTORY	✓ Q Filter Re 1-66	of <b>66</b>			+ New
	Search Inventory	NAME	VERSION	SOURCE	TYPE	TOTAL PURCHA
	CONTENT MANAGEMENT	iOS Apps				
	Provisioning Profiles					
3 —	Mobile Device Apps	Adobe Acrobat Reader: Annotate, Scan, & Send PDFs	23.05.01	App Store	License	100
	GROUPS					
	Smart Device Groups	Calculator +	2.6.0	App Store	License	100
		R			4	

5. Open TextEdit.





- 6. Select the text for Short Version. Copy the version number, i.e. 2.6.0.
- 7. Paste copied text into a new TextEdit Document.
- 8. Repeat step 6 and 7 for Bundle Identifier and App URL.



9. Your TextEdit document should look like the image below.





### Section 2: Create an Entry for the App to be Installed on a Mac

In this section, use the information gathered from Section 1 and create an entry for Calculator +. This entry will be used to deploy the app, Calculator +, to the Macs.

- 1. Click Computers.
- 2. Click Mac Apps
- 3. Click New.

	🛂 jamf 🛛 PRO	<u></u>	L ² 🕸
1 -	Computers Devices Users	Computers Mac Apps ①	
	INVENTORY	•         •	+ New -3
	Search Inventory	NAME VERSION SOURCE VPP TYPE TOTAL PURCHA IN USE	REMAINING
	Licensed Software	No data available in table	
	CONTENT MANAGEMENT		
	Configuration Profiles		
2 -	A Mac Apps		
	G Patch Management	i de la companya de l	

- 4. Select Mac App Store.
- 5. Click Next.





6. Click Enter Manually.

Computers Mac Apps	
Select App Source	Search the App Store or Upload a VPP Code Spreadsheet
Search or Upload	Search
Add App	App Store Country Or Region United States
X	VPP Code Spreadsheet VPP code spreadsheet (xis) to use to add the app
	Cancel Previous Enter Manually Next

- 7. Configure the following:
  - A. Enter Calculator +.
  - B. Select a Category.
  - C. Copy the Version from the TextEdit document and Paste it into the Version field.
  - D. Copy the Bundle Identifier from the TextEdit document and Paste it into the Bundle Identifier field.
  - E. Copy the App URL from the TextEdit document and Paste it into the App URL field.
  - F. Click Scope.

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Computers Devices Users	Computers : Mac Apps ← New Mac App Store App ①	
	General Scope Self Service Managed Distribution	
Search Volume Content	Display Name Display name for the app	
Q Licensed Software	Calculator +	— A
CONTENT MANAGEMENT	Enabled	
💩 Configuration Profiles	Category Category to add the app to	
Restricted Software	Applications T	—— B
\land Mac Apps	Version of the app	
Patch Management	2.6.0	C
eBooks	Bundle Identifier Bundle identifier for the app	
	com.yourcompany.Solve	
Smart Computer Groups	Free App is free	L
	Automatically update app description, icon, and version in Jamf Pro	
Enrollment Invitations	Automatically Force App Updates Automatically force updates for this app on computers (Managed Distribution)	
PreStage Enrollments	App URL URL of the app's App Store Preview page (e.g. "https://apps.apple.com/us/app/name-of-app/id123456789?mt=8")	
	https://apps.apple.com/us/app/calculator/id351815470	—— E
Management Settings	Distribution Method Method to use for distributing the app Make Available in Self Service	
Collapse Menu	(S) (E)	



- 7. Select the Macs that need the app.
- 8. Click Managed Distribution.

Computers : Mac Apps ← New Mac App Store App ①		
General Scope Self Service	Managed Distribution	
Targets	Limitations	Exclusions
Target Computers Computers to distribute the app to Specific Computers	Target Users Users to distribute the app to Specific Users •	
Selected Deployment Targets		+ Add
TARGET	ТҮРЕ	
● Filardo's MacBook	Computer	Remove
Mac mini	Computer	Remove
John's MacBook Air	Computer	Remove

- 9. Select the checkbox for Assign Content Purchased in Volume.
- 10. Click Save.

rs Devices Users	Computers : Mac Apps ← Calculator + ④	
INTORY	General Scope Self Service Managed Distribution	
Search Inventory Search Volume Content	Device Assignments	VPP Codes
NTENT MANAGEMENT Policies Configuration Profiles Restricted Software	Sign Content Purchased in Volume     Sign Content Purchased in volume to computers with macOS 10.11 or later     Location Volume purchasing location to use to assign content:     InstructUS Apps & Books	
Mac Apps		
) <b>Mac Apps</b> Patch Management	TOTAL CONTENT	
Mac Apps Patch Management eBooks Smart Computer Groups Static Computer Groups Classes	TOTAL CONTENT 10	in use O

11. Confirm the app installs on your Mac.