

Update macOS Sonoma Using Managed Software Updates in Jamf Pro



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Preface

You can use the managed software updates feature of Jamf Pro to update the macOS of Mac computers belonging to smart or static group membership lists, eliminating the need for inventory searches and reducing the number of screens required for deploying macOS updates.

WARNING:

This feature is in BETA, you may notice inconsistent or unexpected behavior. Enabling the (Beta) managed software updates feature will initiate a record cleanup, which includes clearing any update commands that have previously been deployed from Jamf Pro. You can re-deploy these updates with the (Beta) managed software updates feature. When this feature is enabled, mass action update commands are disabled.

Requirements:

Target computers with macOS Sonoma that require an update, supervised or enrolled via a PreStage enrollment in Jamf Pro. For best results, we recommend following this guide with a Mac computer running macOS Sonoma, version 14.2.1, which includes new features such as declarative device management for software updates.

To have the update for Mac computers with Apple silicon installed automatically without user interaction, a Bootstrap Token for target Mac computers must be escrowed in the Jamf Pro server. macOS will automatically request the Bootstrap Token from the Jamf Pro server to authorize updates that were scheduled to install.

Checking your Bootstrap Token and Volume Owner status:

There are a few ways to check the status:

- Use the commands found in this Apple support document: https://support.apple.com/guide/deployment/dep24dbdcf9e/
- Download the Verfied Tokens 1.0 app here: https://hcsonline.com/support/apps/verified-tokens

This guide will use the VerifiedTokens 1.0 app as it provides all the info in one window without having to run multiple terminal commands. This app requires administrative privileges to run. Once downloaded, install the Verified Tokens 1.0.pkg. Launch the Verified Tokens 1.0 app and confirm the output in the picture below. Make sure you see YES for the Jamf Pro Bootstrap Token Status and confirm the Bootstrap Token has Volume Owner access. Confirm the same for any users on your Mac. Click Quit when done. A file named VerfiedTokens will be exported to your Desktop. You can delete this file.

•••	/erified Tokens 1.0
GeneratedUID: BD? Lost Login: Thu Feb 1 18:42 User Nome: joe Secure Token Status: ENABLED Volume Owner: Yes	(68
GeneratedUID: Ff Last Login: Thu Jan 25 06:49 User Name: root Secure Token Status: DISABLED Volume Owner: No	3000
GeneratedUID: 51D/ Last Login: Tue Feb 6 12:41 User Name: work Secure Token Status: ENABLED Volume Owner: Yes	'E8
MDM Bootstrap Token Status:	
Bootstrap Token supported on server: YES Bootstrap Token escrowed to server: YES Type: MDM Bootstrap Token External Key Volume Owner: Yes	
	Scroll up to see more information AA
	Quit

Do not continue with this guide if you do NOT have a bootstrap token or secure token for a user. The steps in the guide will NOT work unless these requirements are met.

This guide will use the following:

- MacBook Air with an Apple Silicon running macOS 14.2.1.
- Jamf Pro Server version 11.2 with administrative credentials.



Section 1: Configure the Jamf Pro Server for Software Updates

What You'll Need

Learn what hardware, software, and information you'll need to complete the tutorials in this section.

Hardware and Software

Requirements for following along with this section:

- A Mac Computer running macOS Sonoma that requires an update.
- Jamf Pro Server version 11.2 with administrative credentials.

In this section we create a static computer group in Jamf Pro and configure the Software Updates section to download the latest version macOS Sonoma.

NOTE: There are five different software updates actions available:

- Download only
- Download and Install
- Download and schedule to install Requires macOS 14
- Download, install, and allow deferral
- Download, install, and restart

We will configure the Download only install action in this section. We will cover the other four install actions in the next section.

1. Log into your Jamf Pro server with administrative credentials.



2. Click Computers.

- 3. Click Static Computer Groups. NOTE: If you want to use a Smart Computer Group for scoping, use the guide below to create a Smart Computer Group based on the current version of macOS. https://hcsonline.com/support/white-papers/create-a-jamf-smart-group-for-the-current-version-of-macos
- 4. Click New.





5. Configure the following: A. Display Name: macOS Updates B. Click Assignments

Pro		¢	8	
⁸⁸	Computers : Static Computer Groups ← New Static Computer Group			
Arrow Content of Content of Content of Content of Content of Content Management Policies Configuration Profiles Restricted Software Updates Restricted Software Mac Apps	Computer Group Assignments Dipolay Name Dipolay Name Dipolay Name Orthe Static computer group mac:03 Updated			

- 6. Select one Mac computer. We recommend using one Mac computer for testing purposes. You can add more later once your testing is successful.
- 7. Click Save.

2	Pro			0 8
89 11	Computers	Computers : Static Computer Groups		
63 88 ©	Inventory Search Inventory Search Volume Content Licensed Software	Computer Group Assignments Q Fitter Results NAME		ф
	Content Management Policies Configuration Profiles Software Updates	Johns MacBook Pro rigoon's Mac (1 •) Show: 100 •	© Cancel	Control-S Save

8. Click View.

2	Pro			Q 8
	Computers	Computers: Static Computer Groups ← macOS Updates		
G	Inventory	Computer Group Assignments		
8	Search Inventory			
0	Search Volume Content	Q Filter Results		
	Licensed Software	NAME		4
		John's MacBook Pro		
	Content Management	Concerne Man		
	Policies	1800113 IMAG		
	Configuration Profiles		0 0	đ
	Software Updates	History View	Clone Delete	e Edit



- Pro

 Computers

 Compu
- 9. Confirm you can see the Mac computer that you selected in step 6.

- 10. Click Computers.
- 11. Click Software Updates. You may need to Enable the Software Updates if it's not Enabled.

	2	Pro			¢ &
10	8	Computers	Computers Software Updates		Use new experience BETA
10	G	Inventory	Computer Group Mobile Device Group		
	~	Search Inventory	\leftarrow 1 \rightarrow 1 - 10 of 10		Φ ₆
	0	Search Volume Content	GROUP NAME	TYPE	
		Licensed Software	All Managed Clients	Smart Group	
		Content Management	All Managed Servers	Smart Group	
		Policies	Apple Silicon Macs	Smart Group	
		Configuration Profiles	macOS Sonoma - Current Version	Smart Group	
11 —		Software Updates	macOS Sonoma - Out of Date	Smart Group	
		Restricted Software	macOS Sonoma - Out Of Date Policy	Smart Group	
		Mac Apps	macOS Updates	Static Group	
		eBooks	Notebooks	Smart Group	
		Groups	PreStage enrollment - Mac PreStage	Smart Group	
		Smart Computer	SF fonts	Smart Group	
	1	Groups			

- 12. Configure the following:
 - A. Click Computer Group.
 - B. Select the static computer group that you created in step 5.
 - C. Click Update 1 Selected. This guide is using 1 Mac computer for simplicity.

	Computers Software Updates	Use new experience	BETA	
A	 O You have 1 computer group selected. Clear Up Computer Group Mobile Device Group	late 1 selected		-c
	\leftarrow 1 \rightarrow 1 - 29 of 29 (1 selected) GROUP NAME	Туре	e,	
В	 macOS Updates	Static Group		



- A. Install Action: Download only.
- B. Target Version: Latest version based on device eligibility.
- C. Click Apply.

Pro	Q &
B Dashboard	Computers : Software Updates ← Update 1 group
C Devices	Jamf Pro Mass Software Updates Are Only Available For Managed Devices Uses can oblet voltware updates for devices with macOS 10.2 or later can update to the later wrone. Devices with macOS 10.11, (DS 10.3, or tvOS 12 or later can update to the later wrone. Devices with macOS 10.15, (DS 11.2, or tvOS 12.2 or later can update to the later wrone. Devices with macOS 10.15, (DS 11.2, or tvOS 12.2 or later can
Settings	Install Action Choose action to take or all selected devices to update the 05 and balt-in apps on the device Commicsal only
	Advantatisally download O systate on the selected device Download and install Advantatisally download and install OS systate on the selected device
	Download and schedule to install Automatical dynamical and schedule to Install OS update on the selected device Download and schedule to define address
	Download, it sau, and any deprint all Advances of the second device and allow user to define installation Download, install, and restart Advances with the set of and from estart on the selected device
	Target Version Choose version to update all selected devices to
	Lates version based on beruce enginery Latest major version Latest minor version
	Cancel Activ

14. Click OK. The Mac in the static computer group will start the download of macOS Sonoma silently in the background.

⊘ Success	
1 devices have received your request.	
	ок

15. Log into the Mac that is in the macOS Updates static computer group. Once the macOS Sonoma download is done you will be greeted with the notification message below. NOTE: To see the status of the MDM command, go to the computer record in Jamf Pro and select the Management tab to view the status of the MDM command. When the command is no longer pending, you can see the download in progress in System Settings > General > Software Update.



- 16. You have two options:
 - Restart will run the upgrade immediately.
 - Try Tonight will schedule the update to run between 2am 4am.

This guide will choose Restart for simplicity.





17. Since the user is initiating this update, the password of the currently logged in user is required. This user MUST have a secure token to run the update. Click OK.



18. The Mac computer will reboot and install the macOS Sonoma update. This completes this section.

In the next section, we will discuss the additional four settings that can be used to install macOS updates.



Section 2: Configure the Four Additional Install Actions

What You'll Need

Learn what hardware, software, and information you'll need to complete the tutorials in this section.

Hardware and Software

Requirements for following along with this section:

- A Mac Computer running macOS Sonoma that requires an update.
- Jamf Pro Server version 11.2 with administrative credentials.

NOTE: If you want to test each of the four macOS update settings discussed in this section, It will require four Mac computers that are running an older version of the current shipping version of macOS Sonoma. You will need to add one additional Mac computer to the macOS Updates Static Computer group if you're testing all four of the install actions in this section.

In this section we are going to discuss the four remaining software update actions that can be used to keep the Mac computer up to date.

- Download and Install
- Download and schedule to install
- Download, install, and allow deferral
- Download, install, and restart

Download and Install:

1. Click Computers.

2. Click Software Updates.

		Pro		L	2 8
1 —	8	Computers	Computers Software Updates	Use new experience	BETA
	G	Inventory	Computer Group Mobile Device Group		
	8	Search Inventory	\leftarrow 1 \rightarrow 1 - 10 of 10		۵,
	0	Search Volume Content	GROUP NAME	ТҮРЕ	I
		Licensed Software	All Managed Clients	Smart Group	
		Content Management	All Managed Servers	Smart Group	
		Policies	Apple Silicon Macs	Smart Group	
		Configuration Profiles	macOS Sonoma - Current Version	Smart Group	
2 —		Software Updates	macOS Sonoma - Out of Date	Smart Group	
		Restricted Software	macOS Sonoma - Out Of Date Policy	Smart Group	
		Mac Apps Patch Management	macOS Updates	Static Group	
		eBooks	Notebooks	Smart Group	
		Groups	PreStage enrollment - Mac PreStage	Smart Group	
		Smart Computer Groups	SF fonts	Smart Group	,



- A. Click Computer Group.
- B. Select the static computer group named macOS Updates.
- C. Click Update 1 selected. This guide is using one Mac computer for simplicity.

	Computers Software Updates	Use new experience BETA	
A	 You have 1 computer group selected. Clear Update 1 select Computer Group Mobile Device Group	ted	—с
	\leftarrow 1 \rightarrow 1 - 29 of 29 (1 selected)	® ₆	
_	GROUP NAME TYPE		
В	 macOS Updates Static	Group)

- 4. Configure the following:
 - A. Install Action: Download and Install.
 - B. Target Version: Latest version based on device eligibility.
 - C. Click Apply.

Pro	φ &
Dashboard	Computers : Software Updates
D Devices	Jamf Pro Mass Software Updates Are Only Available For Managed Devices Users can defer software updates to device with macOS 12.3 or ture updating to a minor version. Devices with macOS 10.11, IOS 10.3, or tvOS 12 or later can update to the latest version. Devices with macOS 10.15, IOS 11.3, or tvOS 12.2 or later can update to specific versions.
Settings	
	Downicad and initial Downicad and initial Downicad and schedule to initial OS update on the selected device Downicad and schedule to initial OS update on the selected device
	Download, install, and allow deferral Automatically download OS update on the selected device and allow user to defer installation Download, install, and restart Automatically update is an force vestart on the selected device
	Target Version Chockes version to update all selected devices to
	Latest minor version
	Cancel Approximation

5. Click OK. The Mac that is in the static computer group will start the download of macOS Sonoma silently in the background. Depending on your ISP speed, the download can take 15 minutes or more to complete.

Success	
1 devices have received your request.	
	ок



6. Log into the Mac that was in the macOS Updates static computer group. Once the macOS Sonoma download is done you will NOT receive any notification messages and the Mac computer will reboot. You will NOT be prompted for any user name or password because the user on the Mac has a secure token and the Jamf Pro server has a bootstrap token. The bootstrap token will be used to authenticate the macOS update. This completes this install action.

Download and schedule to Install:

- 1. Click Computers
- 2. Software Updates.

	2	Pro				Ç	8
1	8	Computers	Computers Software Updates			O Use new experience	BETA
		Inventory Search Inventory	Computer Group Mobile Device Group ← 1 → 1 - 10 of 10				ø,
	\$	Search Volume Content	GROUP NAME	ψ·	ТҮРЕ		
		Licensed Software	All Managed Clients	:	Smart Group		
		Content Management	All Managed Servers	:	Smart Group		
		Policies	Apple Silicon Macs	:	Smart Group		
		Configuration Profiles	macOS Sonoma - Current Version	:	Smart Group		
2		Software Updates	macOS Sonoma - Out of Date	:	Smart Group		
		Restricted Software	macOS Sonoma - Out Of Date Policy	:	Smart Group		
		Mac Apps	macOS Updates		Static Group		

- 3. Configure the following:
 - A. Click Computer Group.
 - B. Select the static computer group named macOS Updates.
 - C. Click Update 1 selected. This guide is using one Mac computer for simplicity.

	Computers Software Updates	Use new experience	BETA	
A	 You have 1 computer group selected. Clear Computer Group Mobile Device Group	Update 1 selected		—с
	\leftarrow 1 \rightarrow 1 - 29 of 29 (1 selected)		©_	
	GROUP NAME	Туре		
В	macOS Updates	Static Group		



- 4. Configure the following:
 - A. Install Action: Download and schedule to Install.

B. Force Install Date: Click inside the field and a calendar and clock will appear.



5. Select a Date and Time from the calendar and clock.





- 6. Configure the following:
 - A. Target Version: Latest version based on device eligibility.B. Click Apply.

	Computers : Software Updates	1
	 Update 1 group 	
	Jamf Pro Mass Software Updates Are Only Available For Managed Devices Users can defer orthware updates for devices with mac05 12.3 or later updating to a minor version. Devices with mac05 011.0 (50.13), et rols 22 or later can update to the Mest version. Devices with mac05 10.15, 005 11.3, or tv05 12.2 or later can update to specific versions.	
	Install Action Choose action to take on all selected devices to update the OS and built-in apps on the device	
	Ownload only Automatically download OS update on the selected device	
	Orwinload and install Automatically download and install OS update on the selected device	
	Download and schedule to install Automatically download and schedule to install OS update on the selected device	
	Force install date is only supported for computers with macOS 14 or later and mobile △ devices with IOS 17 or iPadOS 17 or later. Computers and mobile devices not meeting these criteria will not receive an update.	
	Force Install Date	
	Required	
	Setting a date and time prior to the present date and time will immediately enforce the software update formula. Download, install, and allow deferral	
	Automatically download 05 update on the selected device and allow user to defer installation O download, install, and restart Automatically update 02 and force restart on the selected device	
	Target Version Choose version to update all selected devices to	
A	Latest version based on device eligibility Latest major version	
	Latest minor version	
	Specific version	
	• V.	B
	Cancel Apply	

7. Click OK. The Mac that is in the static computer group will start the download of macOS Sonoma silently in the background. Depending on your ISP speed, the download can take 15 minutes or more to complete.

Success	
1 devices have received your request.	
	ок

8. Log into the Mac that is in the macOS Updates static computer group. Once the macOS Sonoma download is done, the user will be presented with this notification message. Notice the time stamp in the message that will automatically run the macOS update.



9. You will have the option to view the Details or Update. If you select Update, the Mac will run the update once it's downloaded.





10. If you select Details, System settings will open and you will see the download status of the macOS Sonoma update. NOTE: This guide did NOT choose Details or Update so we could see the scheduled update in action.

<	> Software Update		
Auto	matic Updates	Security Responses	i
	Preparing macOS Sonoma 14.3		
	About 25 minutes remaining		ω
An up instal	odate to macOS Sonoma 14.3 is past due. You led automatically Today, 11:48 AM.	can install it now or it will be	•

11. The user will be constantly notified with the message below until the upgrade is ready to run.



12. This guide chose to wait for the update to run at its scheduled time of 11:48 am. You will be presented with a Restarting Your Computer message letting you know the Mac will reboot in 60 seconds and begin the update. You will NOT be prompted for any user name or password because the user on the Mac has a secure token and the Jamf Pro server has a bootstrap token. The bootstrap token will be used to authenticate the macOS update. This completes this install action.



Download, Install, and allow deferral:

1. Click Computers then select Software Updates.

	2	Pro				¢	8
1	::	Computers	Computers Software Updates			Use new experience	BETA
	G	Inventory	$\begin{array}{c c} \hline \textbf{Computer Group} & \text{Mobile Device Group} \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ 1 \end{array} \rightarrow 1 - 10 \text{ of } 10 \end{array}$				ø,
	8 8	Search Volume Content	GROUP NAME	Ŵ	ТҮРЕ		
		Licensed Software	All Managed Clients		Smart Group		
		Content Management	All Managed Servers		Smart Group		
		Policies	Apple Silicon Macs		Smart Group		
		Configuration Profiles	macOS Sonoma - Current Version		Smart Group		
2	<u> </u>	Software Updates	macOS Sonoma - Out of Date		Smart Group		
		Restricted Software	macOS Sonoma - Out Of Date Policy		Smart Group		
		Mac Apps	macOS Updates		Static Group		



- A. Click Computer Group.
- B. Select the static computer group named macOS Updates.
- C. Click Update 1 selected. This guide is using one Mac computer for simplicity.

	Computers Software Updates	Use new experience	BETA	
A	 You have 1 computer group selected. Clear Upda Computer Group Mobile Device Group	te 1 selected		—с
	← 1 → 1-29 of 29 (1 selected)	ТҮРЕ	۵,	
В	 macOS Updates	Static Group		

- 3. Configure the following:
 - A. Install Action: Download, install, and allow deferral.
 - B. Number Of Max Deferrals Allowed: This guide will use 5.
 - C. Target Version: Latest version based on device eligibility.
 - D. Click Apply.

Image: Dashboard Computers: Software Update: Image: Dashboard Image: Dashboard Image: Dashboard Image: Dashboard Image: Dashboard I	Pro Pro		Q 8
Image: Computers Image: Computers Image: Computers	2 Dashboard	Computers : Software Updates Computers 1 group	
Devices Provides Provides	L Computers		
Settings Overviced only Advantation Overviced only Advantation Overviced only Overviced Oveviced Oveviced Overviced Overviced Overviced	() Devices	 Install Action Choose action to take on all selected devices to update the OS and built-in apps on the device 	
Settings Overviced and install Automatically download and install OS update on the setected device Overviced and install OS update on the setected device Overviced and install OS update on the setected device Overviced and install OS update on the setected device Overviced install, and allow deformal Overviced, install, and restart Overviced, install, and restart Overviced, install, and restart Overviced, install, and restart Overviced and install OS update on the setected device Target Version Overviced and install of the setected device in Overviced and and install of the setected device in Overviced and install of the setected device in Overviced and and in the setected device in Overviced and and in the setected device in Overviced and install of the setected device in Overviced and and evice in Overviced and and evice in	& Users	Download only Automatically download OS update on the selected device	
Overvicad, install, and allow definal Automatically download and schedule to install Automatically download and schedule to install OS update on the selected device Automatically download and schedule to install OS update on the selected device and allow user to defin installation Automatically download and schedule to install Allowed Input an integer tetreero 0-19 Rearder Overvicad, install, and restart Automatically download and schedule device and allow user to defin installation Automatically download install Overvicad, install, and restart Download, install, and restart Automatically download and schedule devices to automatically download and evice allow user to the selected device Teget Version Ladest innor version Ladest innor version	Settings	Ownload and install Automatically download and install OS update on the selected device	
		Download and schedule to install Automatically download and schedule to install OS update on the selected device	
Number Of Max Deferrats Allowed Input an Integer Retrieves 0-99 Returned Download, Install, and restart Automatical update 05 and force restart on the selected device Target Version Chasse version based and evice eligibility Latest major version Latest minor version		Download, install, and allow deferral Automatically download OS update on the selected device and allow user to defer installation	
Regarded		Number Of Max Deferrals Allowed Input an integer between 0-99	
Regarded Downworks, install, and restart Automatically update 05 and force restart on the selected device Target Version Duces we wrain to tupdate all selected devices to Duces we wrain the update all selected devices lo Latest minor version Latest minor version		5	
Automatically update 05 and force restart on the selected device Target Version Cueses wereinen bagetate all selected devices to Cueses wereinen bagetate all selected devices lighting Latest minor version Latest minor version		Required Download, instail, and restart	
Target Version Choce version atest version based on device eligibility Latest mijor version Latest mijor version		Automatically update OS and force restart on the selected device	
attest version based on device eligibility Latest major version Latest minor version		Target Version Choose version to update all selected devices to	
Latest major version		.atest version based on device eligibility	
C Latest minor version		Latest major version	
		Latest minor version	
			Cancel Apply

4. The user will be presented with the notification message below letting them know the update requires 50% battery life or a connection to a power source. You are allowed to defer the update up to 5 times before you are forced to run the update.

NOTE: In our testing, MDM commands were more responsive when connected to a power source.





- 5. You have two options:
 - Install: This will install the update immediately.
 - Try Tonight: This will allow you to defer the update.

This guide will choose Install for simplicity. If you select Try Tonight and want to see the deferral notification message, you will need to monitor your Mac computer between the hours of 2am - 4am.

NOTE: Try tonight attempts to install the update between 2am and 4am. If the user still has deferrals remaining and they don't see the notification or they ignore it, the update isn't installed. The final notification for installation bypasses Do Not Disturb. Also, the number of possible deferrals can be updated by an MDM administrator by issuing a new command. When doing so, the deferral counter on the Mac is reset.



Download, Install, and restart

1. Click Computers.

2. Software Updates.

	2	Pro			\$ &
1	88	Computers	Computers Software Updates	Use new expe	erience BETA
	G	Inventory	Computer Group Mobile Device Group \leftarrow 1 \rightarrow 1 - 10 of 10		@.
	8 ©	Search Inventory Search Volume Content	GROUP NAME	Түре	
		Licensed Software	All Managed Clients	Smart Group	
		Content Management	All Managed Servers	Smart Group	
		Policies	Apple Silicon Macs	Smart Group	
		Configuration Profiles	macOS Sonoma - Current Version	Smart Group	
2		Software Updates	macOS Sonoma - Out of Date	Smart Group	
		Restricted Software	macOS Sonoma - Out Of Date Policy	Smart Group	
		Mac Apps	macOS Updates	Static Group	



- A. Click Computer Group.
- B. Select the static computer group named macOS Updates.
- C. Click Update 1 selected. This guide is using one Mac computer for simplicity.

	Computers Software Updates	Use new experience	BETA	
A	 You have 1 computer group selected. Clear Upda Computer Group Mobile Device Group	te 1 selected		-c
	\leftarrow 1 \rightarrow 1 - 29 of 29 (1 selected) GROUP NAME	түре	0,	
В	 macOS Updates	Static Group		

- 4. Configure the following:
 - A. Install Action: Download, install, and restart.
 - B. Target Version: Latest version based on device eligibility.
 - C. Click Apply.

Computers : Software Updates	
Computers	
Jamf Pro Mass Software Updates Are ON/ Avail Users can defer software updates for devices with mac can update to the latest version. Devices with macOS 10	Ilable For Managed Devices :CS 12.3 or later updating to a minor version. Devices with macOS 10.11, IOS 10.3, or tvOS 12 or later 0.15, IOS 11.3, or tvOS 12.2 or later can update to specific versions.
St Users Settings Install Action Docket action to all selected devices to update the 05 are Docket action to all selected devices to update on the selected device Docket action to all selected devices Docket action and the all selected devices Docket action and the all selected devices Docket action and all and deferrall Automatically intervised and related to an selected Docket action action and all selected devices Docket action action action and all selected devices Docket action	nd built- in apps on the device ad device on the selected device and allow user to defer installation device
Target Version Choose wrain on supplied all selected devices to Latest major version Latest major version Latest major version	

5. The user will be presented with the notification message below letting them know the Mac computer will restart in 60 seconds. There are no other warning messages. This will force quit any apps that are running and the user may loose any unsaved changes if they were working in applications that don't auto save. Use this with install action with caution.



6. You will NOT be prompted for any user name or password because the user on the Mac computer has a secure token and the Jamf Pro server has a bootstrap token. The bootstrap token will be used to authenticate the macOS update.

This completes the guide.