



Offboard a Mac Computer Using Jamf Pro and Apple Business Manager



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*DISCLAIMER: Participation in this activity in Section 3 is completely optional and undertaken at your own risk. HCS Technology Group assumes no responsibility for any potential risks or consequences that may arise from its use. Please exercise caution and use your best judgment.



Preface

This guide outlines the steps to properly offboard a Mac computer from Jamf Pro when an organization sells or transfers ownership of a device to a staff member. It is essential to ensure that the Mac computer is fully removed from management before it is released.

Steps Covered in This Guide:

- Remove the MDM configuration profile from the Mac computer
- Uninstall the Jamf framework
- Delete the inventory record from the Jamf Pro server
- Promote all users to administrators (Optional, required if the current user lacks admin rights)
- Release the Mac from Apple School Manager or Apple Business Manager manually
- Release the Mac from Apple School Manager or Apple Business Manager automatically (Optional)

Requirements:

- Access to a Jamf Pro server with administrative privileges
- A test (non-production) Mac enrolled in Jamf Pro
- Access to Apple School Manager or Apple Business Manager with administrative privileges
- Download the macOffboarding.sh script here:
<https://hcsonline.com/images/Apps/macOffboarding.zip>



Section 1: Configure an Offboarding Workflow in Jamf Pro

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 Jamf Pro server with administrative privileges
- Download the macOffboarding.sh script and place it on your Desktop.
<https://hcsonline.com/images/Apps/macOffboarding.zip>

In this section we configure the following in Jamf Pro to create an Mac Offboarding Workflow:

- API Role and Client
- Static Computer Group
- Category
- Policy
- Script

1. Log into your Jamf Pro Server with administrative privileges.

The login form for Jamf Pro. It features a 'Pro' logo at the top. Below it are two input fields: 'Username' and 'Password'. Both fields are marked as 'Required'. A blue 'Log in' button is at the bottom.

2. Click Settings.

3. Enter **api** in the search field.

4. Click API roles and clients.

The 'Settings' page in Jamf Pro. The left sidebar shows 'Settings' highlighted with a red box and the number 2. The main content area has a search bar with 'API' entered, highlighted with a red box and the number 3. Below the search bar, the 'System' category is selected, showing '1 result found for "API"'. A card titled 'API roles and clients' is visible, highlighted with a red box and the number 4. The card contains the text 'Configure access for API clients and define permission sets'.

5. Click New (+).

The 'API roles and clients' page in Jamf Pro. The left sidebar shows 'Devices' highlighted with a red box and the number 5. The main content area shows the 'API roles and clients' page. A red box with a '+' sign and the word 'New' is highlighted with a red box and the number 5.



6. Configure the following:
 - A. Enter **Mac Offboarding** for the Display name.
 - B. Enter and select the following under Privileges:
 - Delete Computers
 - Read Computers
 - Send Computer Unmanage Command
 - C. Click Save.

Settings : System > API roles and clients

← **New API Role**

Display name
Display name for the API Role.

Mac Offboarding

Required

Privilege documentation Find out which privileges are required for each API endpoint.

Jamf Pro API documentation Classic API documentation

Privileges Privileges to be granted for Jamf Pro objects, settings, and actions

Delete Computers × Read Computers × Send Computer Unmanage Command ×

Cancel Save

7. Click Previous (←).

Settings : System

← **API roles and clients**

Display name Display name for the API Role

Mac Offboarding

Privileges

Delete Computers, Read Computers, Send Computer Unmanage Command

8. Click API Clients

9. Click New (+).

Settings : System

← **API roles and clients**

API Roles API Clients

Q Search... 1 1 - 2 of 2



10. Configure the following:
 - A. Enter **Mac Offboarding** for the Display name
 - B. Select **Mac Offboarding** for API Roles
 - C. Enter **60** for Access token lifetime
 - D. Click Enable API client.
 - E. Click Save.

The screenshot shows the 'New API Client' configuration screen. The breadcrumb is 'Settings : System > API roles and clients'. The title is 'New API Client'. The form has the following fields and controls:

- Display name:** A text input field containing 'Mac Offboarding'. A red line points to this field with the label 'A'.
- API roles:** A dropdown menu showing 'Mac Offboarding' with a close button (X). A red line points to this dropdown with the label 'B'.
- Access token lifetime:** A numeric input field containing '60'. A red line points to this field with the label 'C'.
- Enable/disable API Client:** A toggle switch labeled 'Enable API client' which is currently turned on. A red line points to this toggle with the label 'D'.
- Buttons:** At the bottom right, there are 'Cancel' and 'Save' buttons. The 'Save' button is highlighted with a red box, and a red line points to it with the label 'E'.

11. Click Generate client secret.

The screenshot shows the 'API roles and clients' screen. The breadcrumb is 'Settings : System'. The title is 'API roles and clients'. The form displays the configuration for the 'Mac Offboarding' client:

- Display name:** Mac Offboarding
- API roles:** Mac Offboarding
- Access token lifetime:** 60
- Client ID:** 5e9b1b1b-1b1b-1b1b-1b1b-1b1b1b1b1b1b
- Generate client secret:** A blue button is highlighted with a red box.
- Enable/disable API client:** Enabled

12. Click Create secret.

The screenshot shows the 'Generate client credentials' dialog box. It contains the following text:

Generate client credentials

This will generate a client secret for this client. This action cannot be undone.

At the bottom, there are 'Cancel' and 'Create secret' buttons. The 'Create secret' button is highlighted with a red box.



13. Click Copy client credentials to clipboard.

Save client secret

This client secret will not be revealed again. Save it somewhere safe.

Client credentials can be redeemed for access tokens using form-urlencoded data at Pro API OAuth token endpoint. The endpoint is: /api/oauth/token

Client ID:

5e1b07f63-1995-4a4a-b0c0-ba7f5b21b583

Client secret:

kCHbJLgldHmmtV3FVPM6GmKxUC2NMeewC2LWu7Bn4CwZTCFQmKx8Z8w5

[Copy client credentials to clipboard](#) [Close](#)

14. Open TextEdit.app and paste the contents of the clipboard in a new document. Save it to the Desktop and name it API client secret. We will need this information later on in the guide.

API Client Secret.rtf

Helvetica Regular 15

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14

```
("client_name":"Mac Offboarding","client_id":"5e9b97-f1-4a-  
ab583","client_secret":"kCHbJLgldHmmtV3FVPM6GmKxUC2NMeewC2LWu7Bn4CwZTCFQmKx8Z8w5"  
,"content_type":"application/x-www-form-urlencoded")
```

15. Click Close.

Save client secret

This client secret will not be revealed again. Save it somewhere safe.

Client credentials can be redeemed for access tokens using form-urlencoded data at Pro API OAuth token endpoint. The endpoint is: /api/oauth/token

Client ID:

5e1b07f63-1995-4a4a-b0c0-ba7f5b21b583

Client secret:

kCHbJLgldHmmtV3FVPM6GmKxUC2NMeewC2LWu7Bn4CwZTCFQmKx8Z8w5

[Copy client credentials to clipboard](#) [Close](#)

16. Confirm your settings were created successfully.

Settings : System

← **API roles and clients**

Display name Display name for the API Client

Mac Offboarding

API roles Assign roles to determine privileges for the client. Adding multiple roles combines their privileges.

Mac Offboarding

Access token lifetime

The duration in seconds that a token allows access. Revoking the token or disabling the client does not end the lifetime of an active token.

60

Client ID

5e1b07f63-1995-4a4a-b0c0-ba7f5b21b583

Client secret

[Rotate client secret](#)

Enable/disable API client

Enabled

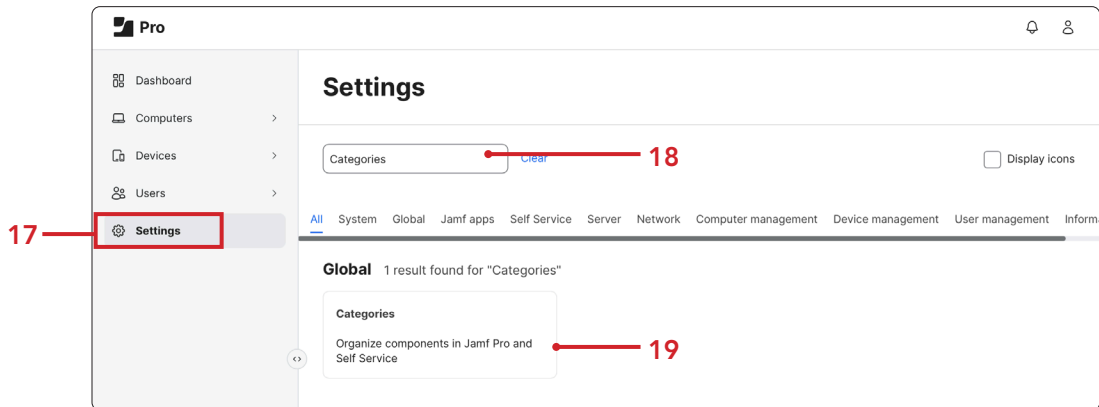
[Delete](#) [Edit](#)



17. In the sidebar, click Settings (⚙️).

18. Enter **categories** in the search field.

19. Click Categories.



20. Click New (+).



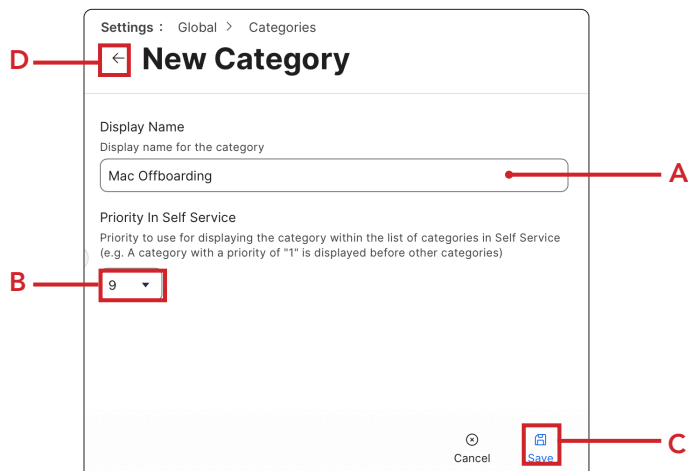
21. Configure the following:

A. Enter **Mac Offboarding** for the Display name.

B. Select **9** for Priority in Self Service.

C. Click Save.

D. Click Previous (←).

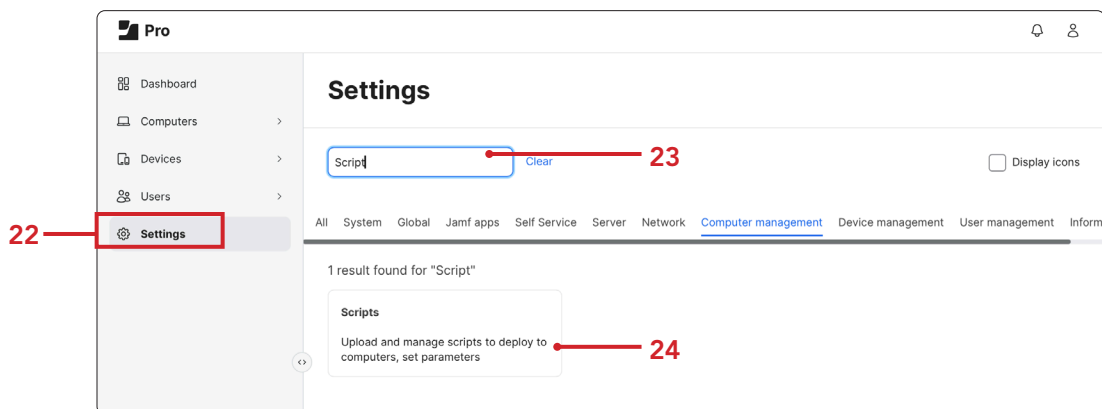




22. In the sidebar, click Settings (⚙️).

23. Enter scripts in the search field.

24. Click Scripts.

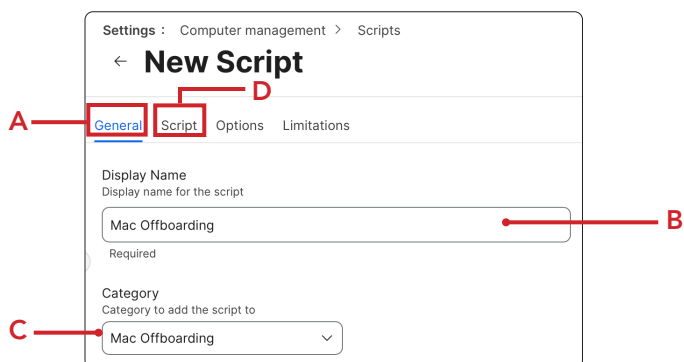


25. Click New (+).



26. Configure the following:

- A. Click General.
- B. Enter **Mac Offboarding** for the Display name.
- C. Select Mac Offboarding for Category.
- D. Click Script.





27. Open the macOffboarding.sh script located on your Desktop and copy the contents of the script to the clipboard.

```
#!/bin/bash

# Title: macOffboarding.sh
# Created By: HCS Technology Group
# Version: 1.1
# Creation Date: 03-10-2025
# Last Modified Date:
# Tested on macOS Version: macOS Sequoia
# Contact HCS: info@hcsonline.com
# Visit HCS: https://hcsonline.com
#####
# This script does the following:
#   Removes the MDM configuration profile of a Mac enrolled in Jamf Pro Server.
#   Removes the Mac enrolled in the Jamf Pro Server.
#   Removes the Jamf Framework from the Mac.
#   Removes the Mac from Apple Business or School Manager: Default method is Manual. To do this automatic
#####
# NOTE: THIS SCRIPT IS PROVIDED AS IS WITHOUT WARRANTY OF ANY KIND.  USE IT AT YOUR OWN RISK.
#####

# Jamf Pro credentials and URL
JAMF_URL="Your Jamf Server URL goes here"
client_id="Your client ID goes here"
client_secret="Your client secret goes here"

#Only add a value to the adeInstance if automatically removing a Mac from Apple Business or School Manager
adeInstanceID="Add ADE Instance ID Here"

# Get the Bearer token
echo "Obtaining Bearer token..."
response=$(curl --silent --location \
  --request POST "$JAMF_URL/api/oauth/token" \
  --header "Content-Type: application/x-www-form-urlencoded" \
  --data-urlencode "client_id=$client_id" \
  --data-urlencode "grant_type=client_credentials" \
  --data-urlencode "client_secret=$client_secret")
```

28. Return to Jamf Pro and paste in the script. You will need to update the "Jamf Pro credentials and URL" section with the URL of your Jamf pro server.

Settings : Computer management > Scripts

← Mac Offboarding

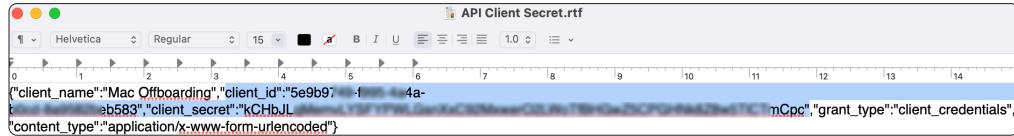
General **Script** Options Limitations

11	#####
12	# This script does the following:
13	# Removes the MDM configuration profile of a Mac enrolled in Jamf Pro Server.
14	# Removes the Mac enrolled in the Jamf Pro Server.
15	# Removes the Jamf Framework from the Mac.
16	# Removes the Mac from Apple Business or School Manager: Default method is Manual. To do this automatic
17	#####
18	# NOTE: THIS SCRIPT IS PROVIDED AS IS WITHOUT WARRANTY OF ANY KIND. USE IT AT YOUR OWN RISK.
19	#####
20	
21	# Jamf Pro credentials and URL
22	JAMF_URL="Your Jamf Server URL goes here"
23	client_id="Your client ID goes here"
24	client_secret="Your client secret goes here"
25	

Enter the URL for your Jamf Pro server.



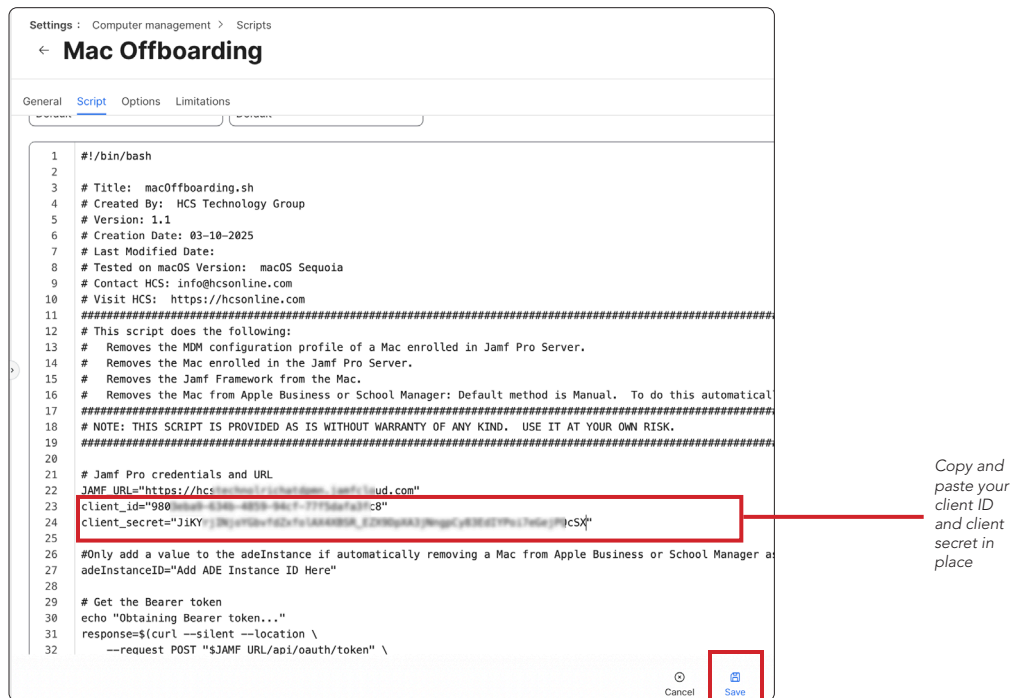
29. Open the API client secret document located on your Desktop. This has the client id and client secret info we created earlier in this guide.



30. Return to the script in Jamf Pro. Paste your client ID and client secret into the client_id and client_secret sections.

31. Promote all users to administrators on the Mac. This is enabled in the script by default at lines 104 -111. You may comment those lines out or remove the code from the script if not needed.

32. Click Save.



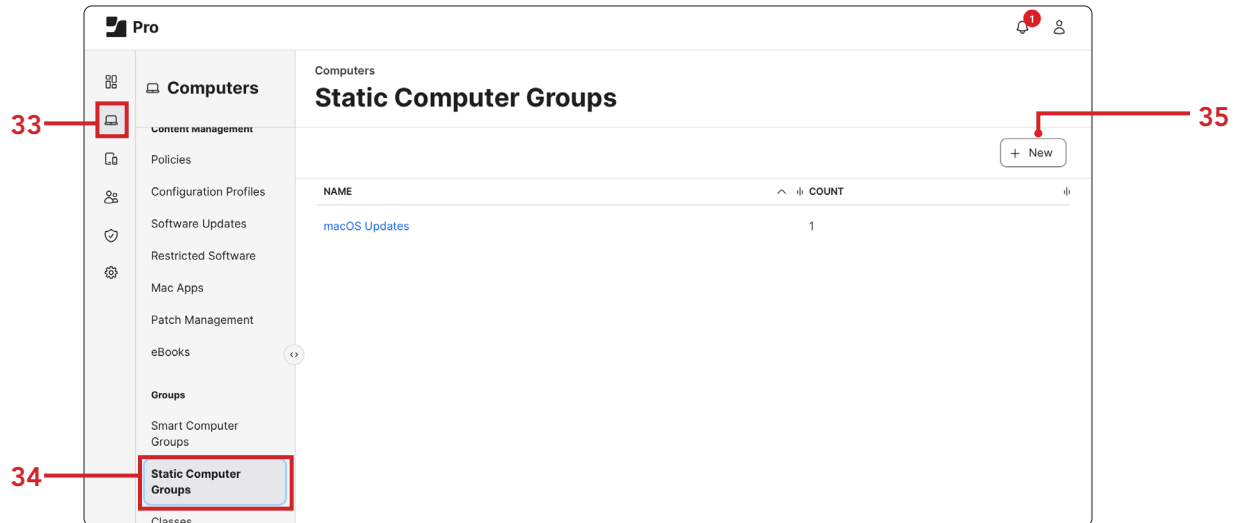


33. In the sidebar, click Computers.

34. Click Static Computer Groups.

NOTE: There are many different ways you can scope the Mac offboarding workflow we are creating in this guide. We choose to use a Static Computer Group for simplicity. Scope to your needs.

35. Click New.

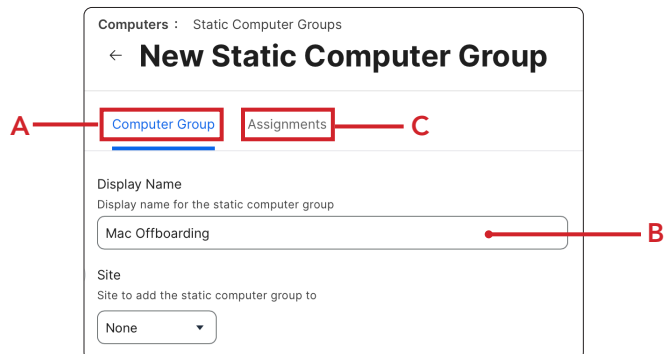


36. Configure the following:

A. Click Computer Group.

B. Enter **Mac Offboarding** for Display Name

C. Click Assignments.





37. Configure the following:

- A. Enter your non production test computer name in the search field
- B. Select the checkbox for the Mac computer.
- C. Click Save

Computers : Static Computer Groups

← New Static Computer Group

Computer Group Assignments

A → × 1 - 1 of 1 (filtered from 9 total entries)

<input type="checkbox"/>	NAME	SECURE TOKEN USERS
B → <input checked="" type="checkbox"/>	Keith Mitnick's MBA	<input type="text"/>

◀ 1 ▶ Show: 100 ▼ Cancel **C** →

38. Click Previous (←).

Computers : Static Computer Groups

← Mac Offboarding

39. Confirm the static group has been created.

Computers

Static Computer Groups

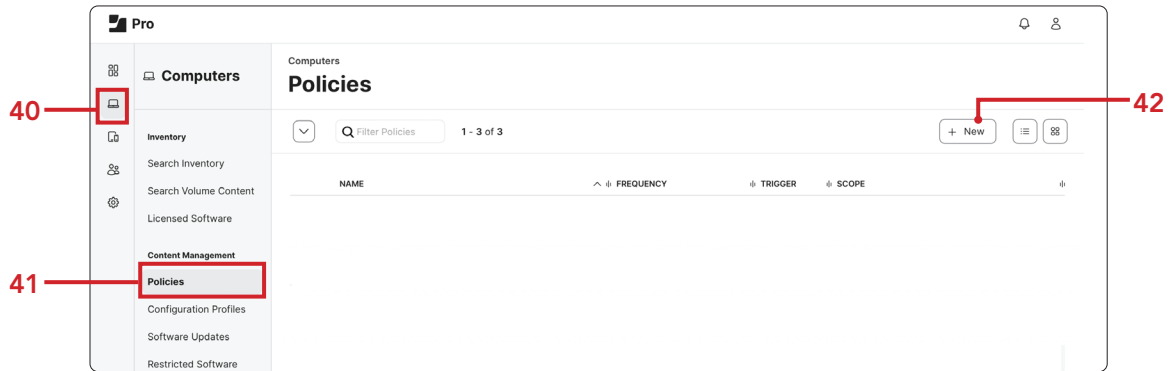
NAME	COUNT	SITE
Mac Offboarding	1	



40. Click Computers.

41. Click Policies.

42. Click New



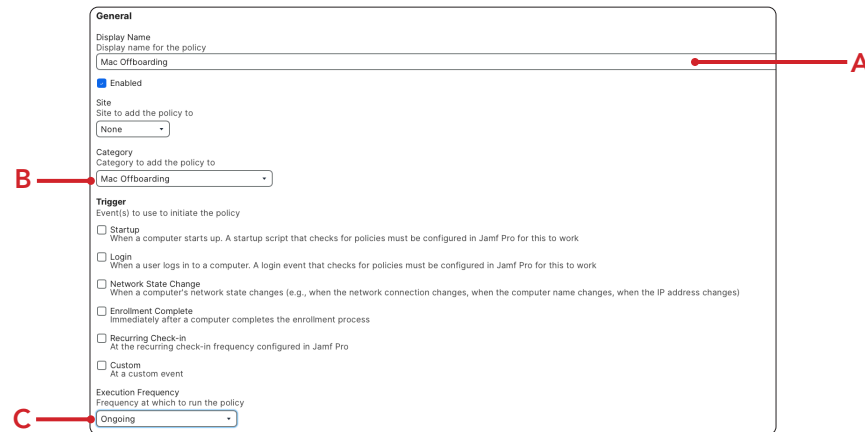
43. Configure the following:

A. Enter **Mac Offboarding** for Display Name

B. Select Mac Offboarding for the Category

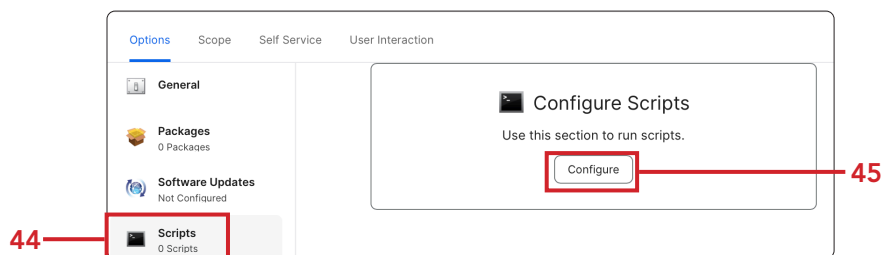
C. Execution Frequency: Ongoing

NOTE: We are not adding a trigger to the policy as its will run via Self Service.



44. Click Scripts.

45. Click Configure.



46. Find the Mac Offboarding script and click Add.





47. Confirm the Priority is set to After.

Scripts

Mac Offboarding [x] [+]

Priority
Priority to use for running the script in relation to other actions

After

48. Click Scope.

49. Select Specific Computers for Target Computers.

50. Click Add

Computers : Policies

← **New Policy**

Options **Scope** Self Service User Interaction

Targets Limitations Exclusions

Target Computers
Computers to deploy the policy to

Target Users
Users to deploy the policy to

Specific Computers Specific Users

Selected Deployment Targets

+ Add

TARGET	TYPE
--------	------

51. Configure the following:

A. Select Computer Groups

B. In the search field, enter Mac Offboarding

C. Click Add

D. Click Self Service

Computers : Policies

← **New Policy**

Options **Scope** **Self Service** User Interaction

Targets Limitations Exclusions

Add Deployment Targets Done

Computers **Computer Groups** Users User Groups

Buildings Departments

Q Mac offboarding 1 - 1 of 1

GROUP NAME

Mac Offboarding

Add



52. Configure the following:

- A. Select the checkbox for Make the policy available in Self Service.
- B. Enter **Mac Offboarding** for Self Service Display Name.
- C. Enter **Offboard Mac** for Button Name Before Initiation.
- D. Enter **Run Again** for Button Name After Initiation.
- E. Enter **This will remove your Mac from the Jamf Pro Server** for Description.
- F. Select the checkbox for Ensure the users view the description.
- G. Upload Icon: Optional.
- H. Select **Mac Offboarding** for Categories.
- I. Click Save.

The screenshot shows the 'New Policy' configuration page in Jamf Pro, with the 'Self Service' tab selected. The page is titled 'Computers : Policies' and 'New Policy'. The 'Options' tab is active, showing various configuration options. Red letters A through I point to specific configuration steps:

- A**: Points to the checkbox 'Make the policy available in Self Service'.
- B**: Points to the 'Self Service Display Name' field, which contains 'Mac Offboarding'.
- C**: Points to the 'Button Name Before Initiation' field, which contains 'Offboard Mac'.
- D**: Points to the 'Button Name After Initiation' field, which contains 'Run Again'.
- E**: Points to the 'Description' field, which contains 'This will remove your Mac from the Jamf Pro Server.'
- F**: Points to the checkbox 'Ensure that users view the description'.
- G**: Points to the 'Icon' section, which shows an uploaded icon 'Offboarding.png' and buttons for 'Upload Icon' and 'Select Existing Icon'.
- H**: Points to the 'Categories' section, which shows the 'Mac Offboarding' category selected under 'Display In'.
- I**: Points to the 'Save' button at the bottom right of the page.



53. Click Previous (←).



54. Confirm the policy shows in the list under the Mac Offboarding Category.



This completes this section. In the next section we will test this workflow by offboarding our test Mac computer using Self Service.



Section 2: Offboarding a Mac

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 test (non-production) Mac enrolled in Jamf Pro
- A Jamf Pro server with administrative privileges
- Access to Apple Business or School Manager with administrative privileges. This guide will use Apple Business Manager.

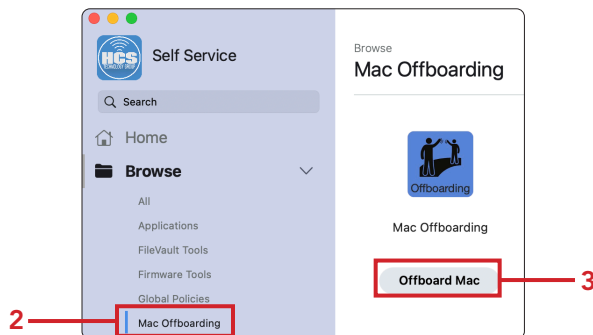
In this section we will offboard our non-production test Mac using the Mac offboarding workflow we created in section one and release it from Apple Business Manager. The steps in this section use a manual method of removing the Mac from Apple Business Manager. If you want to automate the removal from Apple Business Manager, skip to section 3 of this guide.

1. Open Self Service located in your Applications folder.

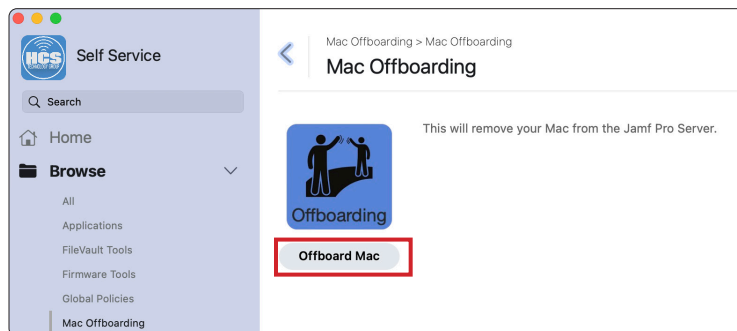


2. Select the Mac Offboarding Category

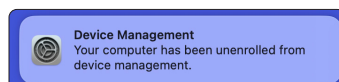
3. Click Offboard Mac



4. You are presented with the description which we required when setting up the workflow. Click Offboard Mac.

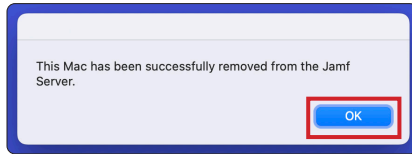


5. Confirm a notification appears when the MDM profile is removed.

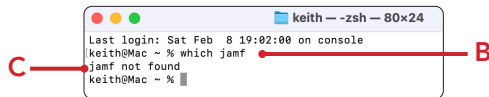




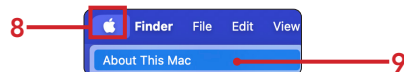
6. When the offboarding process is completed, you will be presented with the message below. Click OK.



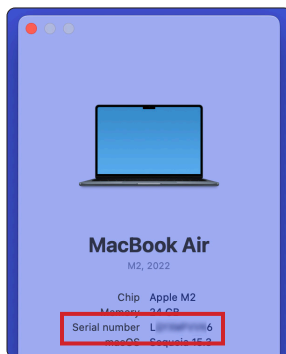
7. Let's check to make sure the jamf framework was removed from your Mac. Perform the following:
- A. Open the Terminal app.
 - B. Enter this command:
`which jamf`
 - C. If the jamf framework was successfully removed You will see "jamf not found".



8. Click the Apple menu in the upper-right corner
9. Select About This Mac.



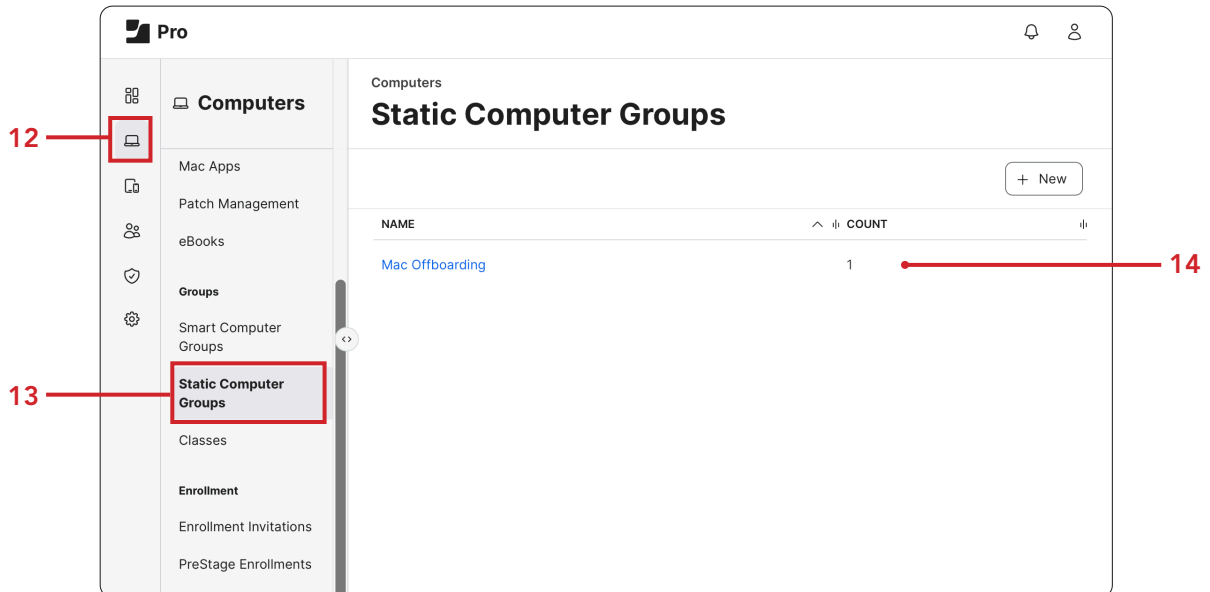
10. Copy the serial number and save it to a document on your Desktop. We will need this in a later step.



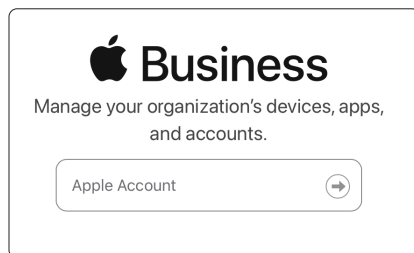
11. Log into your Jamf Pro Server with administrative privileges.



12. Click Computers.
13. Click Static Computer Groups
14. Confirm the Mac was removed from the Mac Offboarding Group.



15. Log into your Apple Business or School manager with an Apple account that has administrative privileges.



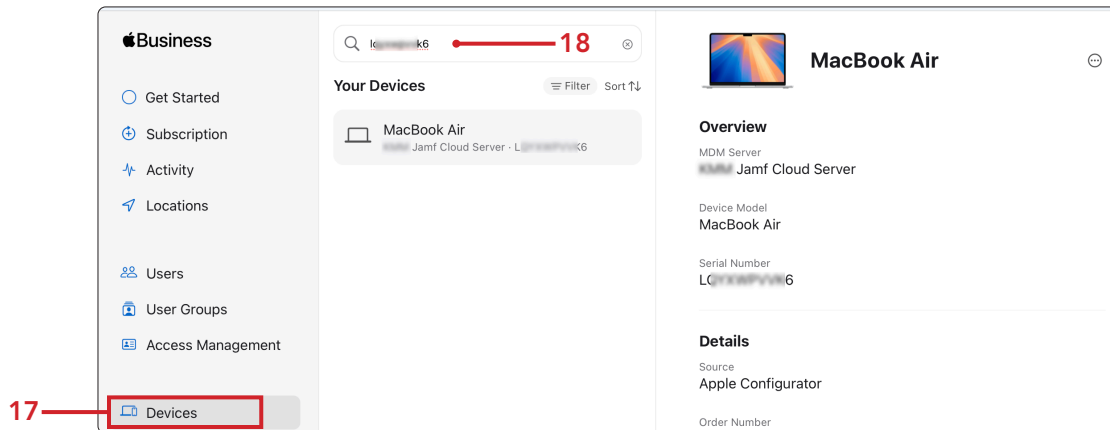
16. Enter your password and press enter (⏎).





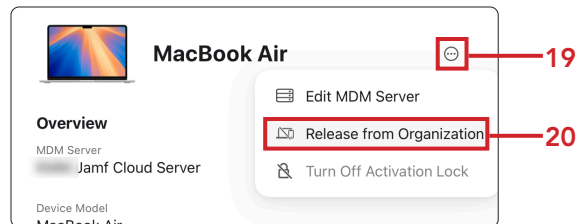
17. Click Devices from the sidebar.

18. Enter your serial number in the search field. (You saved this to your Desktop in an earlier step)



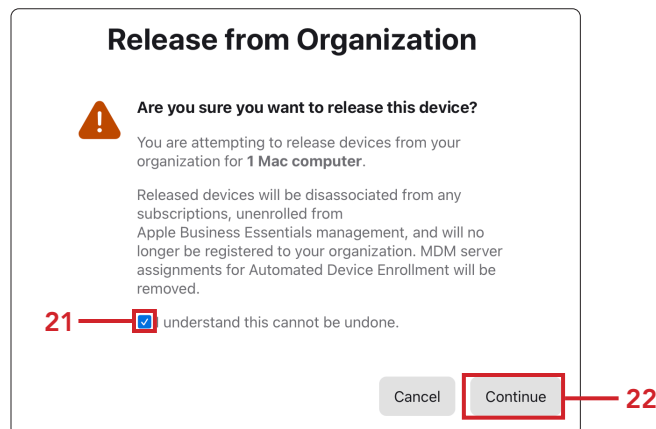
19. Click Options (⋮).

20. Select Release from Organization



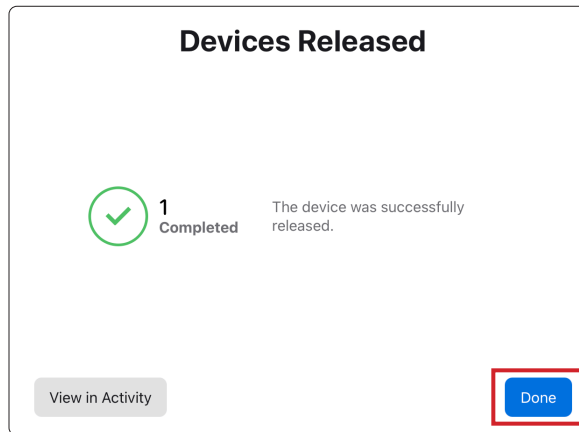
21. Select the checkbox for "I understand this cannot be undone."

22. Click Continue.





23. Confirm the Mac computer was released. Click Done.



This completes this section. The next section is optional and can be very dangerous as it will release the Mac from Apple Business Manager automatically without any user interaction.

Participation in this activity is completely optional and undertaken at your own risk. HCS Technology Group assumes no responsibility for any potential risks or consequences that may arise from its use. Please exercise caution and use your best judgment.



Section 3: Automated Removal of a Mac from Apple Business Manager - Optional

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 test (non-production) Mac enrolled in Jamf Pro using a PreStage Enrollment
- A Jamf Pro server with administrative privileges
- Access to Apple Business or School Manager with administrative privileges. This guide will use Apple Business Manager.
- Completion of section one of this guide.

In this section we will release a Mac from Apple Business Manager without any user interaction to provide a fully automated offboarding solution with the click of a button in Self Service.

NOTE: Please use caution when following the steps in this section as it will release the Mac from your organization without any user interaction. Once a Mac is released from Apple Business or School Manager, it can be added back. However this would need to be done using Apple Configurator for iPhone which is a time consuming manual process.

For more information, reference this Apple support article:

<https://support.apple.com/guide/apple-configurator/add-a-new-mac-apd65c9ff558/ios>

1. Log into your Apple Business or School manager with an Apple account that has administrative privileges. This guide will use Apple Business Manager.

This is the first screen of the Apple Business Manager login process. It features the Apple logo and the word 'Business' in a large, bold font. Below this, it says 'Manage your organization's devices, apps, and accounts.' There is a text input field labeled 'Apple Account' with a right-pointing arrow button next to it.

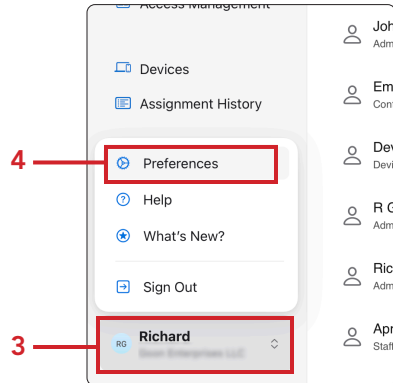
2. Enter your password and press enter (⏎).

This is the second screen of the Apple Business Manager login process. It shows the same header as the first screen. Below the header, there are two input fields. The first is labeled 'Apple Account' and contains the email address 'keith_mitnick@hcs.com'. The second is labeled 'Password' and contains a series of dots. A red rectangle highlights the password field. To the right of the password field is a key icon and a right-pointing arrow button. At the bottom of the screen, there is a checkbox labeled 'Remember me'.



3. Click your name on the bottom left.

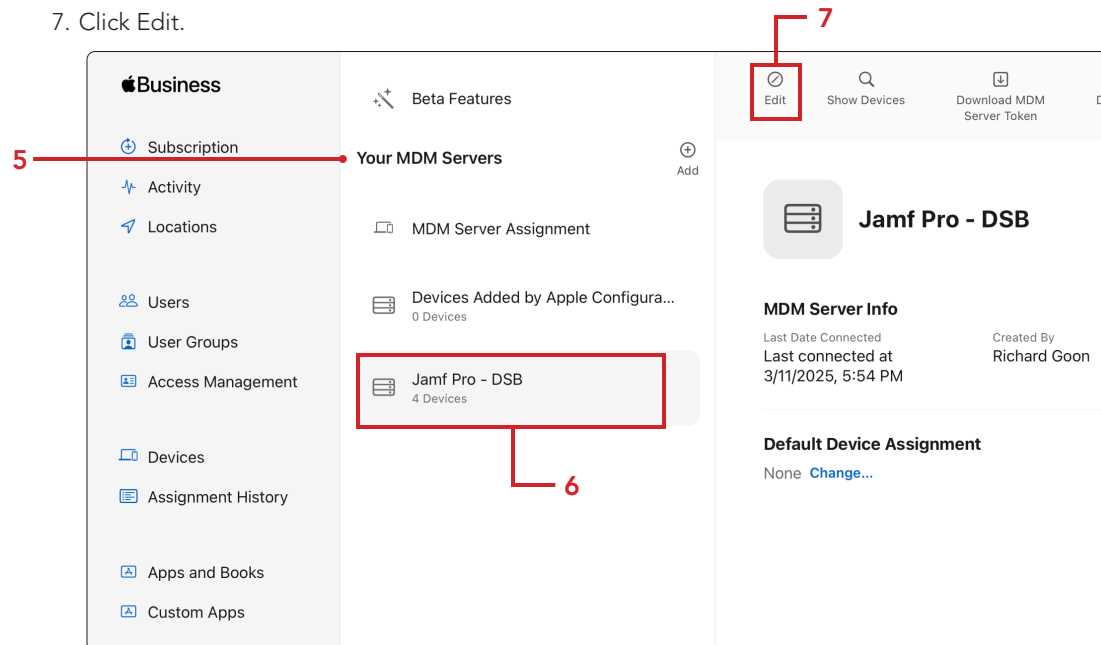
4. Select Preferences.



5. Scroll down to Your MDM Servers.

6. Select your MDM Server.

7. Click Edit.





8. Select the checkbox for “Allow this MDM Server to release devices”.
9. Click Save. This setting allows us to release devices from Apple Business Manager by using an API command in Jamf Pro.

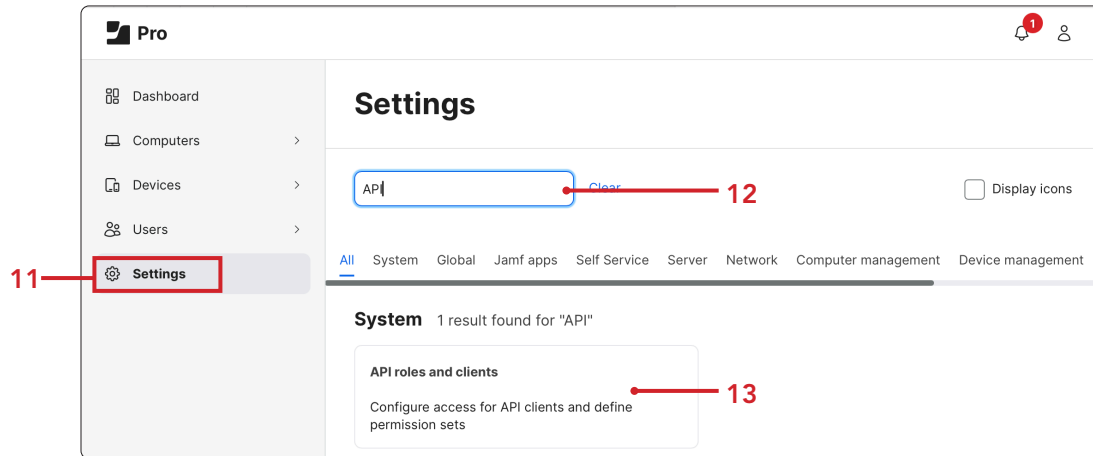
A screenshot of the 'Jamf Pro - DSB' configuration page in the Jamf Pro interface. The page is titled 'Jamf Pro - DSB' and has a sub-header 'MDM Server Info'. Below this, there is a field for 'MDM Server Name' with the value 'Jamf Pro - DSB'. A red line with the number '8' points to a checkbox labeled 'Allow this MDM Server to release devices. Learn more', which is currently checked. Below this is the 'MDM Server Settings' section, which includes an 'Upload Public Key' area with a dashed box and a 'Replace Certificate' link. At the bottom, there is a 'Generate New MDM Server Token' section with explanatory text. At the very bottom right, there are 'Cancel' and 'Save' buttons. A red line with the number '9' points to the 'Save' button.

10. If necessary, Log into your Jamf Pro Server with administrative privileges.

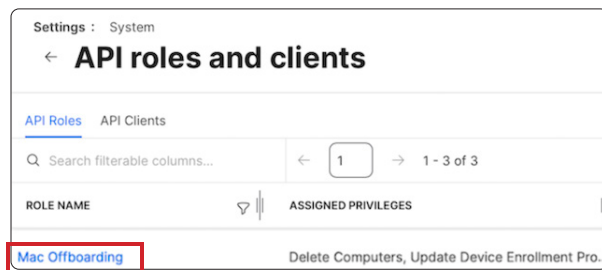
A screenshot of the Jamf Pro login page. It features the 'Pro' logo at the top. Below it are two input fields: 'Username' and 'Password'. Both fields are marked as 'Required'. The 'Password' field has a toggle icon for showing/hiding the password. At the bottom, there is a blue 'Log in' button.



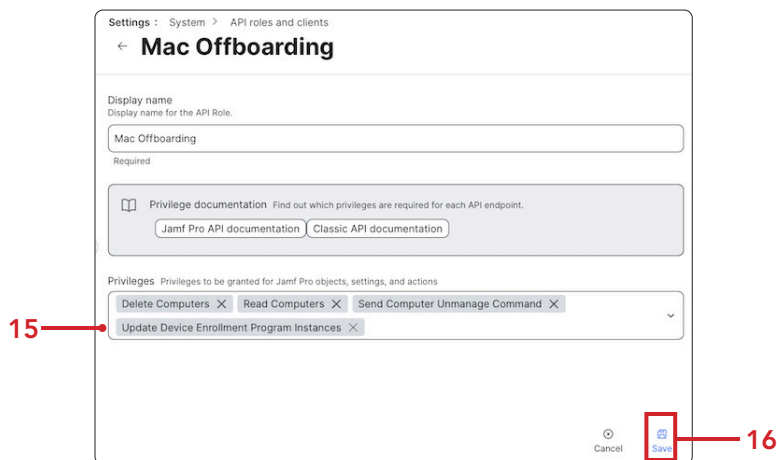
11. Click Settings.
12. Enter **api** in the search field.
13. Click API roles and clients.



14. Click Mac Offboarding.

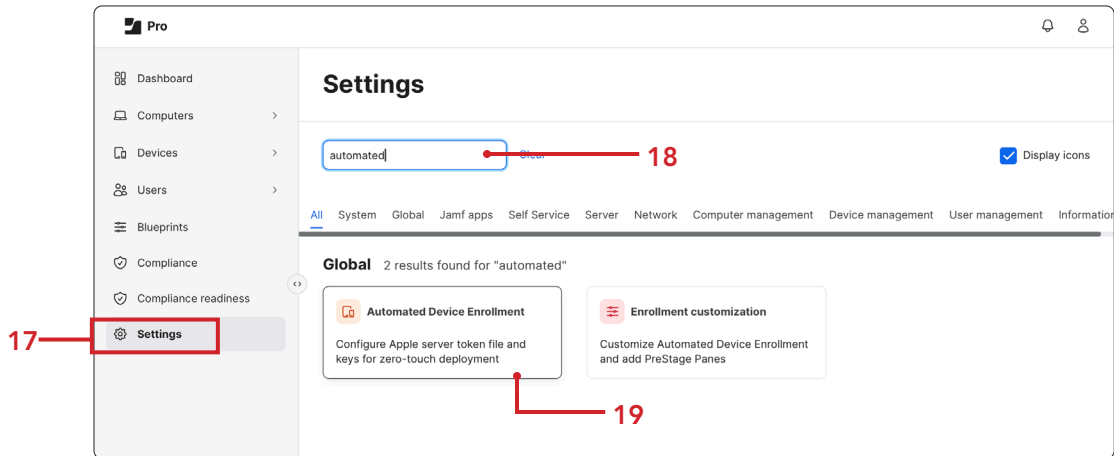


15. Add the "Update Device Enrollment Program Instances" privilege.
16. Click Save. This will provide the permissions for the API to remove the Mac from Apple Business Manager.

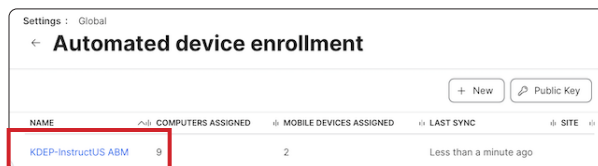




17. Click Settings.
18. Enter **automated** in the search field.
19. Click Automated Device Enrollment.



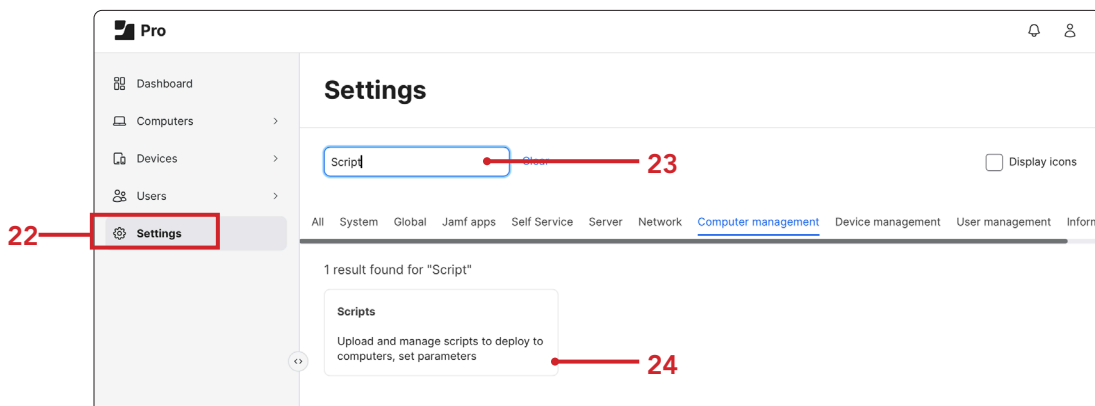
20. Select your Automated device enrollment instance.



21. Copy the instance id located in the URL and save it to a document on your Desktop. Name it to your liking. We will need this in a later step.
NOTE: The instance id is listed as 12 in the picture below. Your id will be different.



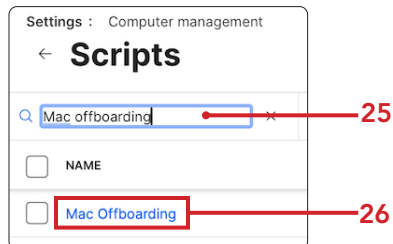
22. Click Settings.
23. Enter **Scripts** in the search field.
24. Click Scripts.



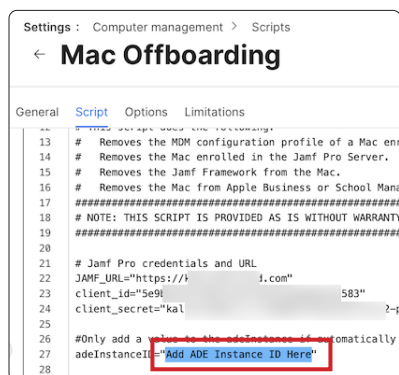


25. Enter **Mac offboarding** in the search field.

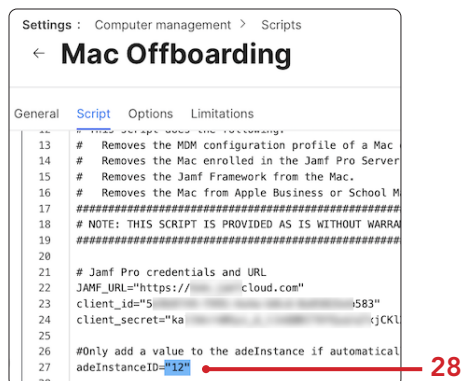
26. Select Mac Offboarding.



27. Locate "Add ADE Instance ID Here" (Line 27).



28. Enter the instance ID that you copied in step 21. Make sure it's in between the double quotes.





29. Scroll down to line 81 of script. You will notice lines 81 - 96 are commented out using the # sign at the beginning of each line. This means they will be ignored when the script runs.

Settings : Computer management > Scripts

← **Mac Offboarding**

General Script Options Limitations

```
79  
80 ### OPTIONAL - Release the Mac from Apple Business or School Manager Automatically without  
81 #echo "Releasing the Mac from Apple Business or School Manager..."  
82 #release_response=$(curl --silent --write-out "%{http_code}" -X POST \  
83 #"${JAMF_URL}/api/v1/device-enrollments/$deviceID/disown" \  
84 #-H 'accept: application/json' \  
85 #-H 'Authorization: Bearer $access_token' \  
86 #-H 'Content-Type: application/json' \  
87 #-d '{  
88 #   \"devices\": [{\"serialNumber\":\"  
89 # }"]  
90 #  
91 #http_code=$(echo "$release_response" | tail -n1)  
92 #if [[ "$http_code" != "200" ]]; then  
93 #   echo "Failed to release device from ABM. HTTP code: $http_code"  
94 #else  
95 #   echo "Device successfully released from ABM."  
96 #fi
```

30. After removing all the comments from lines 81 - 96, it will look like the picture below.

31. Click Save.

Settings : Computer management > Scripts

← **Mac Offboarding**

General Script Options Limitations

```
79  
80 ### OPTIONAL - Release the Mac from Apple Business or School Manager Automatically without User Intervention ### Uncomment  
81 echo "Releasing the Mac from Apple Business or School Manager..."  
82 release_response=$(curl --silent --write-out "%{http_code}" -X POST \  
83 "${JAMF_URL}/api/v1/device-enrollments/$deviceID/disown" \  
84 -H 'accept: application/json' \  
85 -H 'Authorization: Bearer $access_token' \  
86 -H 'Content-Type: application/json' \  
87 -d '{  
88   \"devices\": [{\"serialNumber\":\"  
89   }"]  
90 }")  
91 http_code=$(echo "$release_response" | tail -n1)  
92 if [[ "$http_code" != "200" ]]; then  
93   echo "Failed to release device from ABM. HTTP code: $http_code"  
94 else  
95   echo "Device successfully released from ABM."  
96 fi  
97  
98 # Invalidate API Bearer Token  
99 echo "Invalidating Bearer token..."  
100 curl -s -X POST "${JAMF_URL}/api/v1/auth/invalidate-token" -H "Authorization: Bearer $access_token"  
101  
102 echo "API session ended."  
103  
104 # OPTIONAL: Promote all users to administrators (useful if giving the Mac to a user)  
105 users=$(dscl . list /Users | grep -vE "_[daemon|nobody|root]")  
106 for user in $users; do  
107   echo "Promoting user: $user to administrator..."  
108   sudo dscl . -append /Groups/admin GroupMembership "$user"  
109 done  
110
```

30

31

Cancel Save

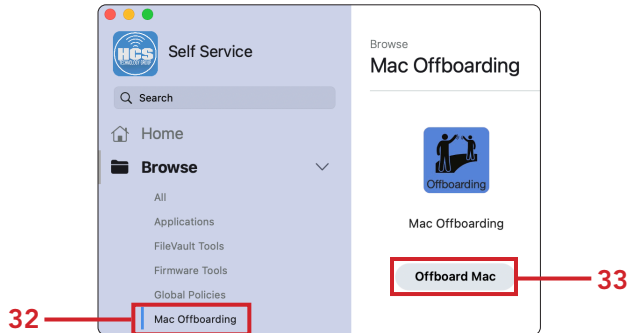


32. Switch to your non-production Mac. Open Self Service located in your Applications folder.

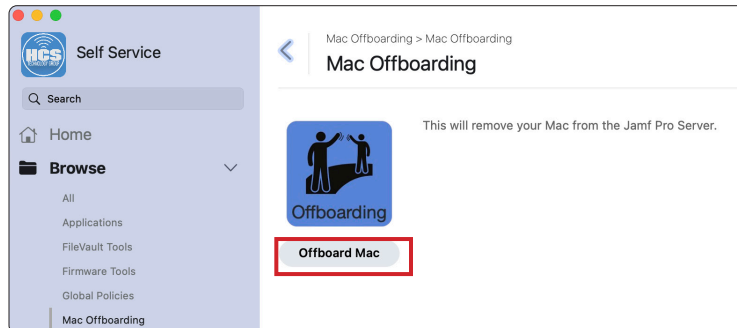


33. Click the Mac Offboarding category.

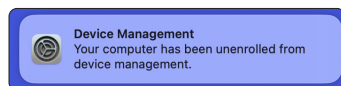
34. Click Offboard Mac.



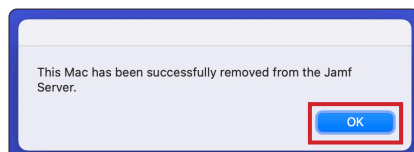
35. You are presented with the description which we required when setting up the workflow. Click Offboard Mac.



36. Confirm the notification appears after the MDM profile is removed.



37. When the offboarding process is completed, you will be presented with the message below. Click OK.





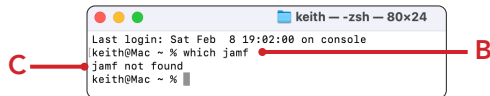
38. Let's check to make sure the Jamf framework was removed from your Mac. Perform the following:

A. Open the Terminal app.

B. Enter this command:

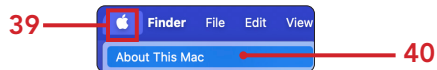
`which jamf`

C. If the Jamf framework was successfully removed You will see "jamf not found".

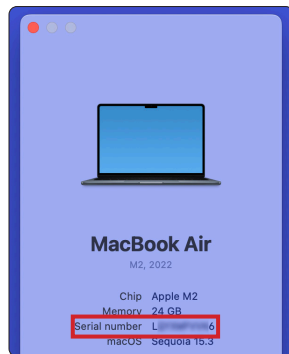


39. Click the Apple menu in the upper-right corner

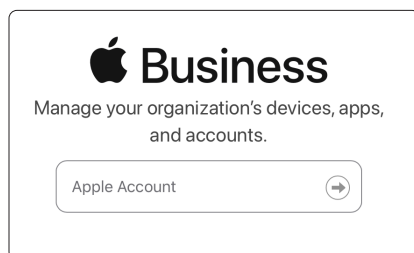
40. Select About This Mac.



41. Copy the serial number and save it to a document on your Desktop. We will need this in a later step.



42. Log into your Apple Business or School manager with an Apple account that has administrative privileges. This guide will use Apple Business Manager.





43. Enter your password and press enter (⏎).

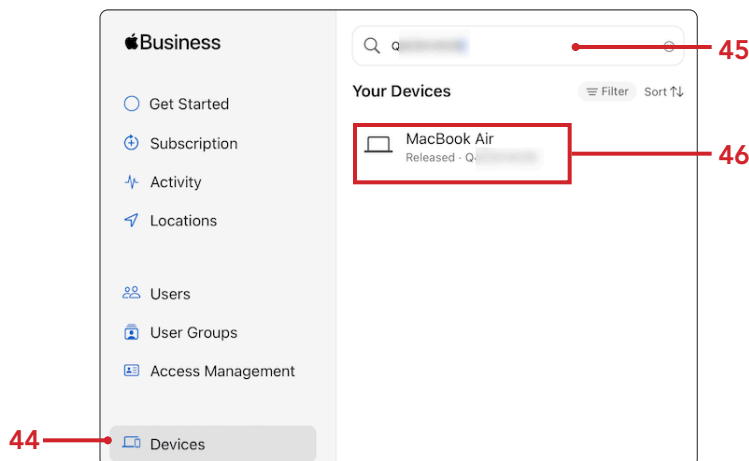
A screenshot of the Apple Business Manager login interface. It features the Apple logo and the word 'Business' at the top. Below this is the text 'Manage your organization's devices, apps, and accounts.' There are two input fields: 'Apple Account' with the email 'keith_mitnick@hcs.com' and a 'Password' field with masked characters. A red rectangle highlights the password field and the 'Enter' button. Below the fields is a 'Remember me' checkbox.

44. Click Devices from the sidebar.

45. Enter your serial number in the search field. (You saved this to your Desktop in step 41)

46. The Mac will show as Released in Apple Business Manager.

NOTE: The Mac may still show up your PreStage scope in Jamf Pro. This is normal behavior as Jamf needs to wait until the next sync with Apple Business Manager before the Mac is removed from the PreStage.



This completes this guide.