

Apple Configurator for macOS Instructions

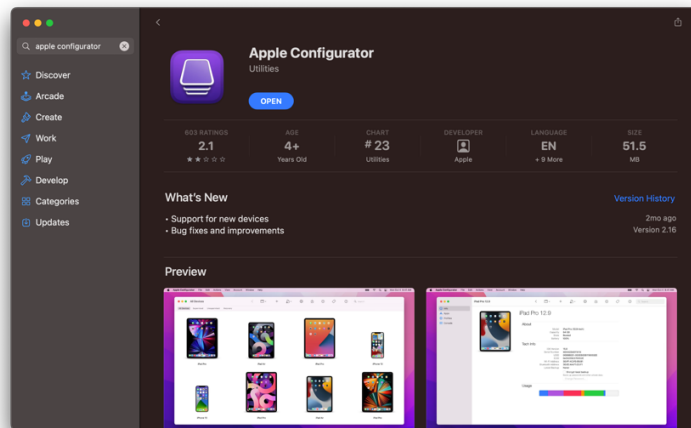
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What the Customer can Expect:

- Their device will be completely wiped
- It will be like a factory reset device and then they will be managed and supervised

Requirements before you start.

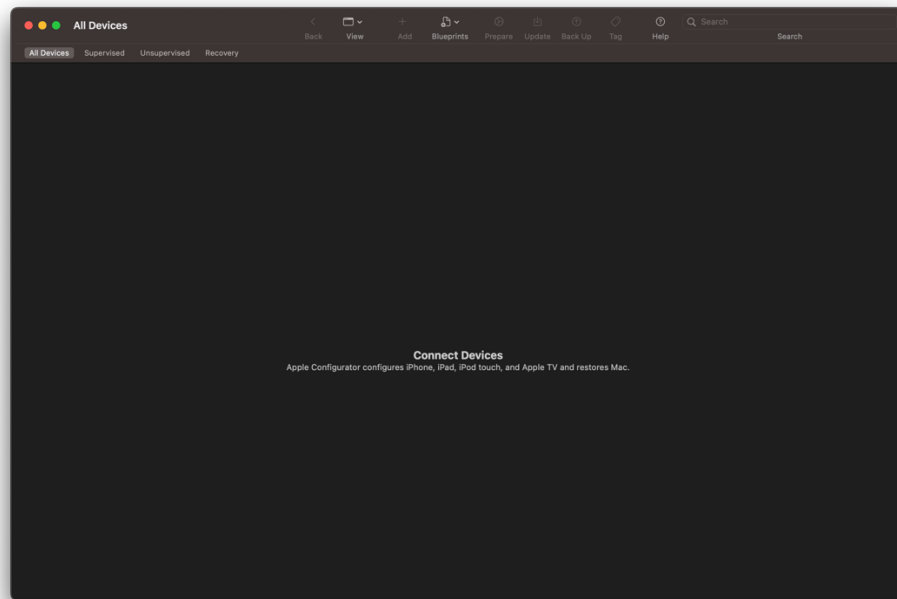
- You need a Mac
- Download Apple Configurator on that Mac



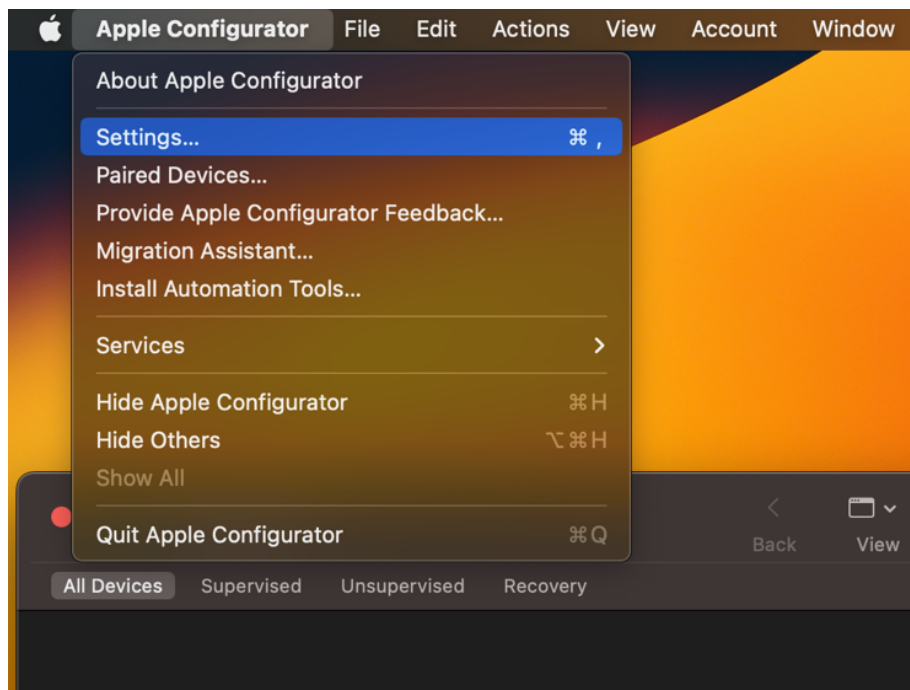
- Have your Mac connected to the internet through an ethernet cable because you will have to share your internet with mobile devices. Get any adaptors you may need for that.
- Get Apple iPad and iPhone cables. You will need ones that fit USB-C ports and lightning ports on mobile devices. Issues have been seen with some cables that are not Apple branded. Additionally, the Mac USB-C cable that comes with older model of Macs does not work to connect the mobile devices to the Mac you are using. It does not transfer data.

Configuring Apple Configurator Settings for Blueprints

1. Open Apple Configurator.

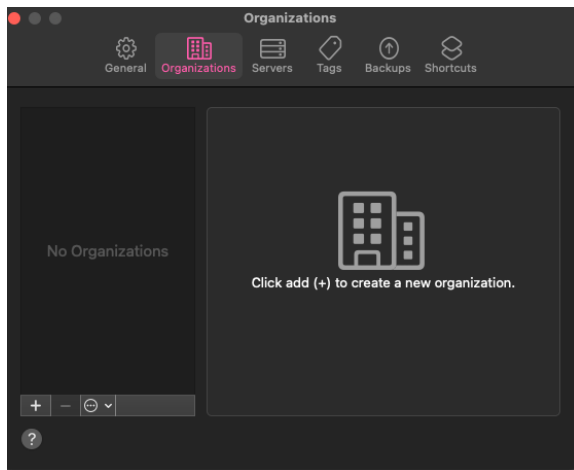


2. Open the settings for Apple Configurator.

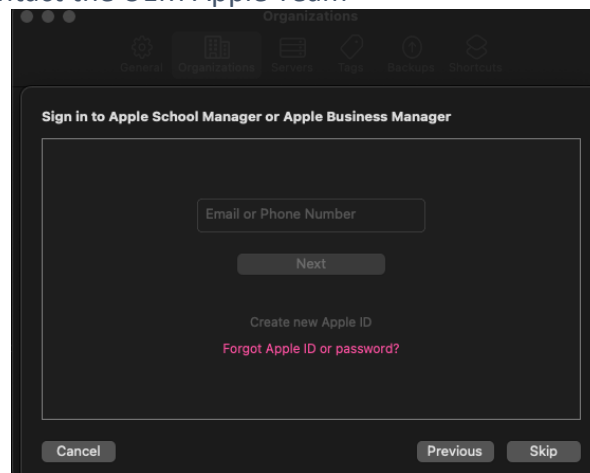


1. Creating Organization – Same for All Blueprints

2. Go to the Organization tab.
 - a. Press the + button.



3. A “Create an Organization” window will appear
 - a. Click Next.
4. You will then get a prompt to “Sign in with the Apple School Manager Account”
 - a. Contact the UEM Apple Team

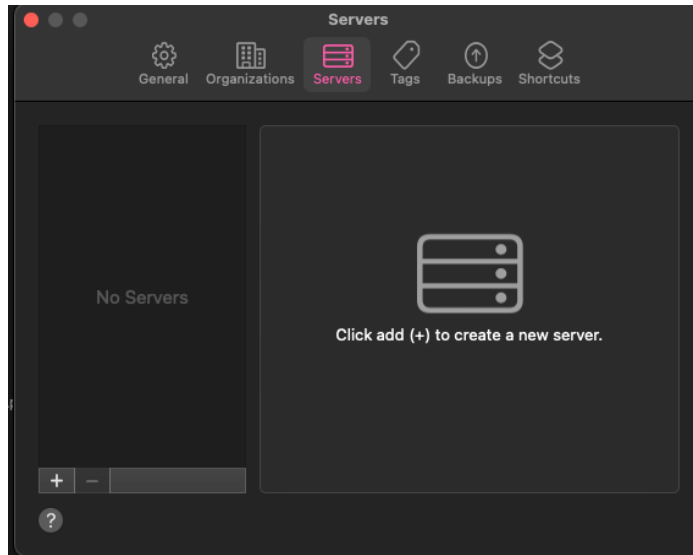


5. You will be asked to Generate or Choose a supervision identity.
 - a. Choose “Generate a new supervision identity”

2. Creating the Server–

NOTE: You can use different servers for different blueprints or the same server for all blueprints and change the MDM Server in ASM once enrolled

1. While still in the preferences window navigate to the “Server” tab, this is next to the “Organizations” tab
2. Press the + button to add a new server



3. A “Define an MDM Server” window will open,
 - a. Hit “Next”.
4. Now you need to enter the MDM server information
 - a. Enter Name: *This should match the MDM Server name in ASM*
 - b. Enter Host name or URL: *This will be the URL for the Prestage and is found on the last page of this document.*
 - c. Hit “Next”

5. The “Define an MDM Server” window will close and you will see the MDM Server you added in the list.

*** NOTE: You will need to re-enter the URL again since it will revert the one you just entered back to the unspecified “Cloud Enroll” which will not enroll the device properly and it will prompt for a Jamf Enrollment account and password. This is not needed if the URL is set correctly.

2.a To Fix the Enrollment URL after adding the MDM Server

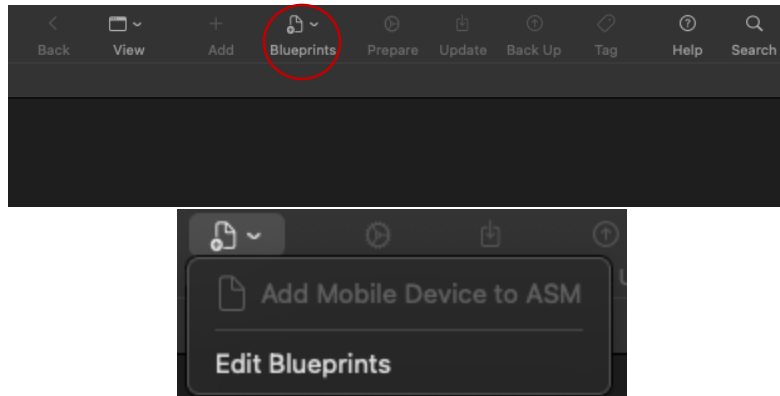
6. Select the MDM Server you want to edit and hit the “Edit” button.
 - a. Verify the Name : *This should match the MDM Server name in ASM*
 - b. Enrollment URL: *This will be the URL for the Prestage and is found on the last page of this document.*
 - i. The URL will show a <https://tamu.jamfcloud.com/cloudenroll>
 - ii. Replace with the correct URL for the prestage
 - c. Trust Certificates: Do not select any option here.
 - d. Hit “Save”
 - e. Check once more just to be sure. If the URL stayed the same and is complete, then we are done adding the MDM Server
 - f. Repeat for as many servers as needed

The image displays two screenshots of the Apple Configurator MDM Server settings window. Both windows have a dark background and white text. The top window shows the 'Name' field as 'TAMU - Technology Services', the 'Enrollment URL' field as 'https://tamu.jamfcloud.com/cloudenroll', and the 'Trust Certificates' list containing '*jamfcloud.com', 'Amazon RSA 2048 M03', and 'Amazon Root CA 1'. The bottom window shows the same 'Name' and 'Trust Certificates' list, but the 'Enrollment URL' field is 'https://tamu.jamfcloud.com/configuratorenroll?invitation='. Both windows have 'Cancel' and 'Save' buttons at the bottom right.

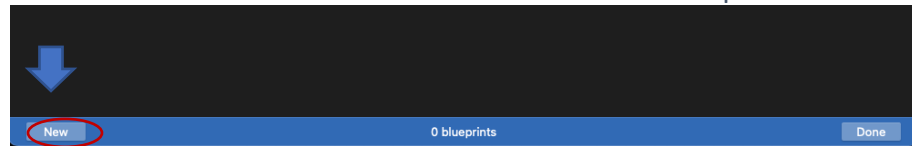
7. You can now completely close the Settings window.

Creating Blueprints

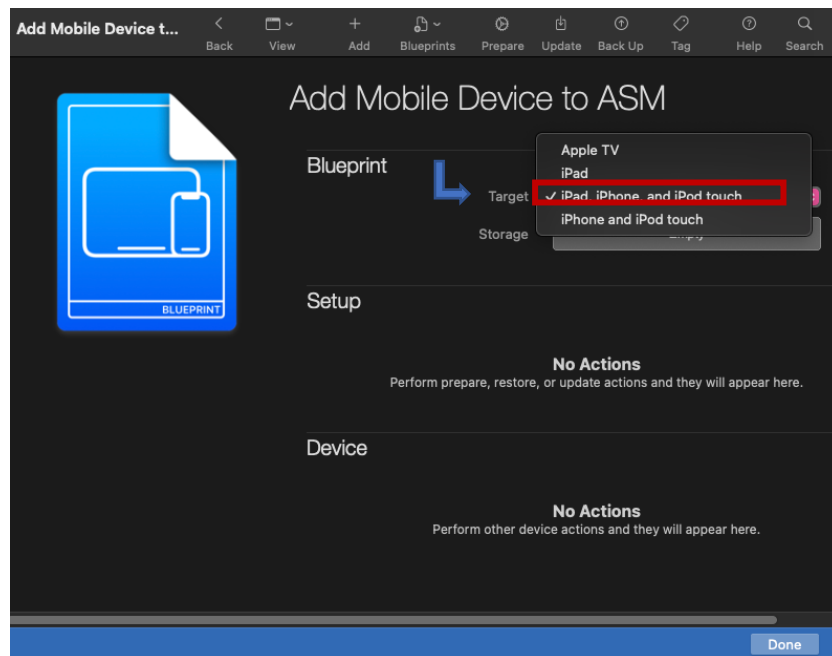
1. Click the “Blueprints” button on the top of Apple Configurator
 - a. Select “Edit Blueprints” from the drop-down menu



2. Click “New” at the bottom left corner to create a new Blueprint

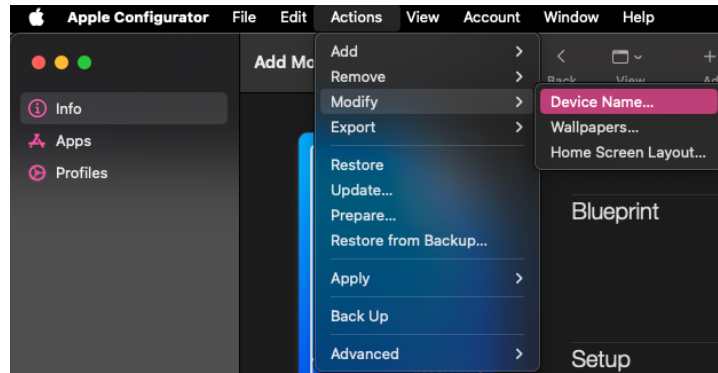


3. Name the new Blueprint like “Add Mobile Device to ASM”
4. Double click the blueprint.
 - a. The view will change.
 - b. Make sure the Target is set to “iPad, iPhone, and iPod touch”

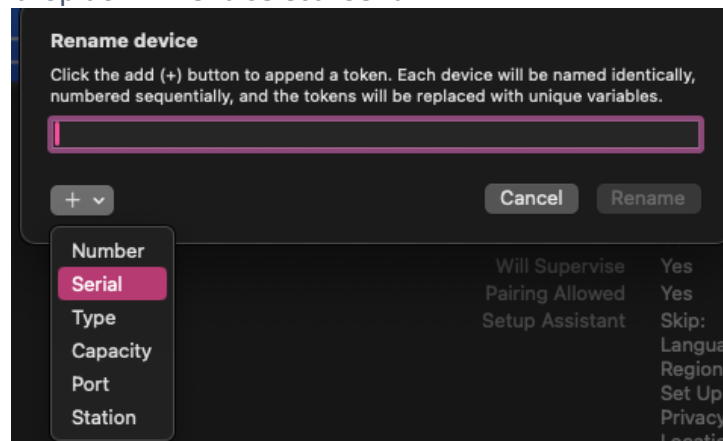


Modify the device name

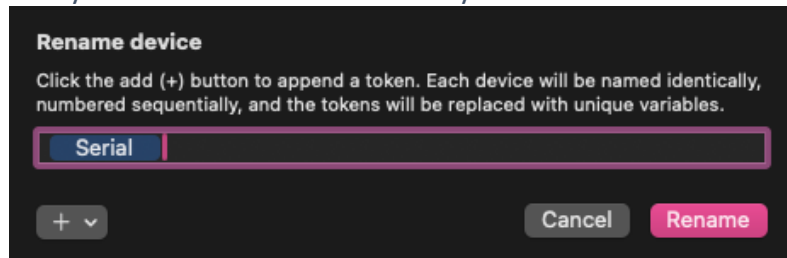
1. With the blueprint open navigate to the top right hand menu bar
2. Actions > Modify > Device Name



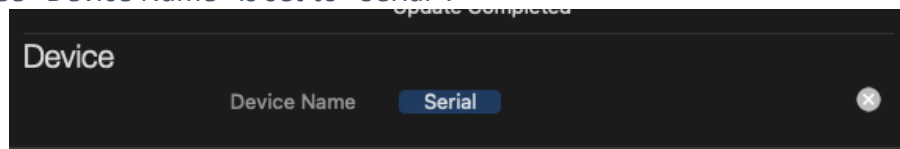
- From the + drop down menu select "Serial"



- Once you do you will see a blue box that says Serial inside it. Click "Rename"

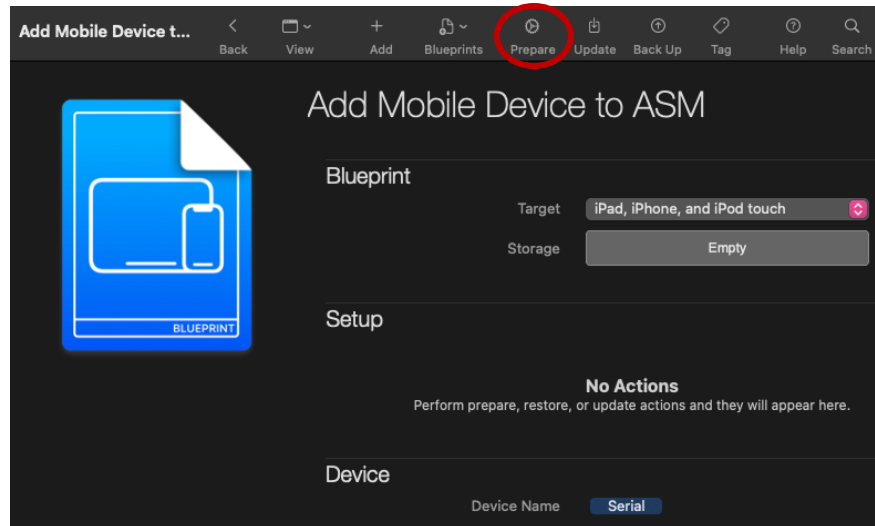


- Your configuration will now be updated. In the "Device" section of the blueprint you will now see "Device Name" is set to "Serial".



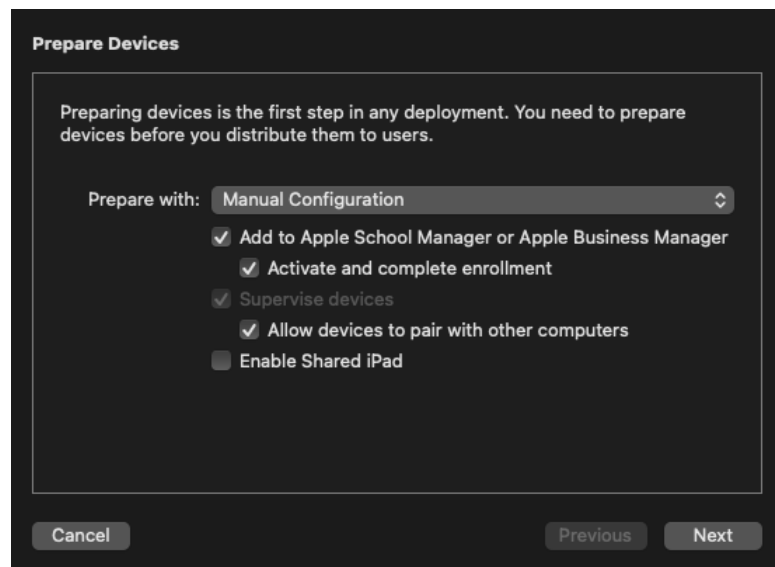
Prepare the blueprint.

- Click Prepare at the top of Apple Configurator



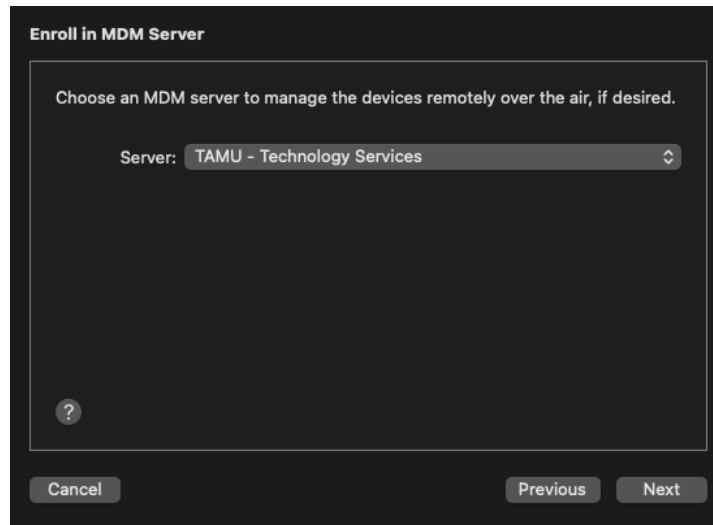
1. Manual Configuration

- a. Choose “Manual Configuration” to *Prepare with* from the drop-down menu
- b. Then make sure the following are selected:
 - i. Add to Apple School Manager or Apple Business Manager
 - ii. Activate and Complete Enrollment
 - iii. Supervise Devices
 - iv. Allow Devices to pair with other computers
- c. Then hit “Next”



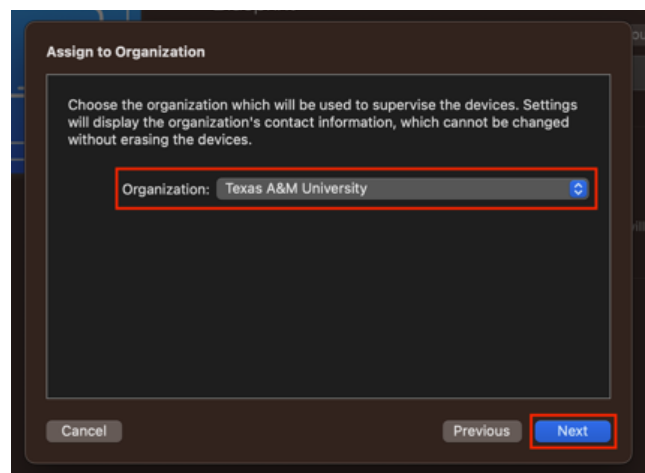
2. Select the MDM Server

- a. If you did not create the MDM Server beforehand it will prompt you to add one here, so follow the steps from the instructions earlier .
- b. If you created the MDM Server before creating the blueprint, it may auto select a server for you.
 - i. You can select another sever for this blueprint if needed.
 - ii. Then hit “Next”

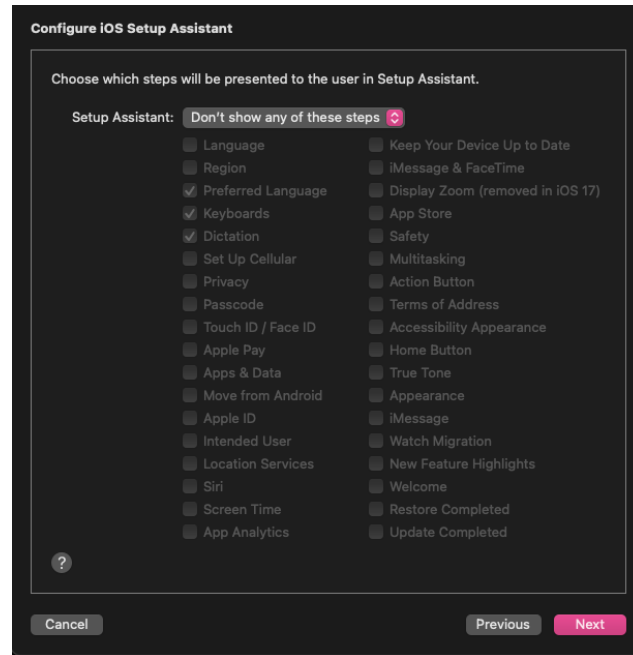


3. Select the Organization:

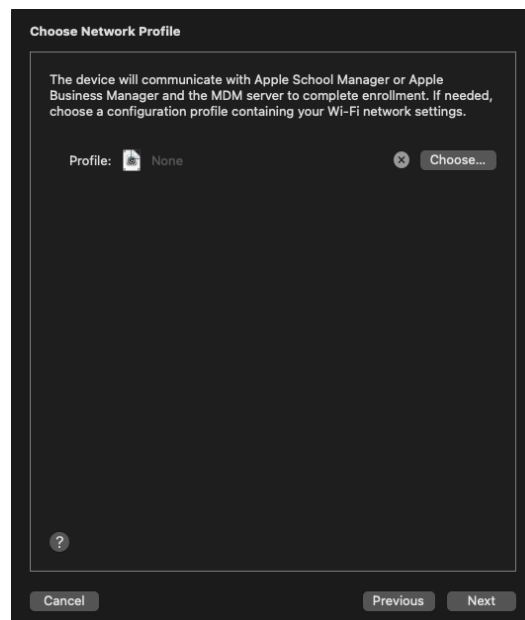
- a. If you did not create the Organization beforehand it will prompt you to sign in to ASM here, so follow the steps from the instructions earlier.
- b. If you did create it beforehand it may auto select a server for you and skip this option altogether or give you an option like below,
 - i. Select the “Texas A&M University” organization that we created.
 - ii. Click “Next”



4. Configure the iOS Setup Assistant.
 - a. Make sure to “Show all Steps” is selected.
 - i. These settings not selected in setup can still be changed later.
 - b. Click “Next”

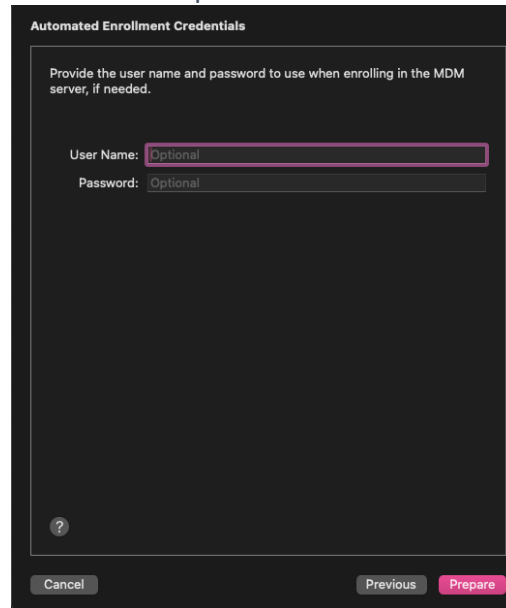


5. Network Profile
 - a. We will not add any network profile. Click “Next”



6. Automated Enrollment Credentials

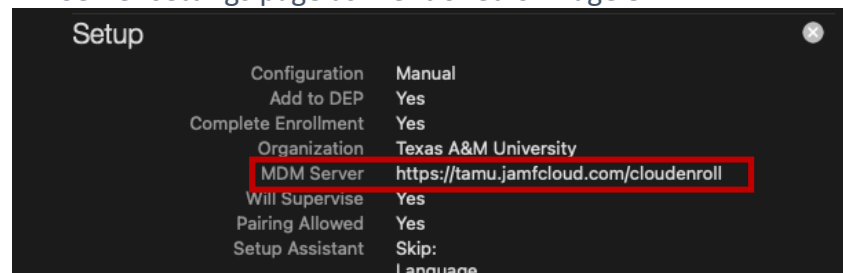
- a. If you created the server correctly and made sure the correct URL was saved, then this will not be an issue.
- b. Leave blank and click “Prepare”



The screenshot shows a screen titled "Automated Enrollment Credentials". Below the title, it says "Provide the user name and password to use when enrolling in the MDM server, if needed." There are two input fields: "User Name:" and "Password:". Both fields have a red border and the word "Optional" next to them. At the bottom of the screen, there are three buttons: "Cancel", "Previous", and "Prepare".

7. Final Check

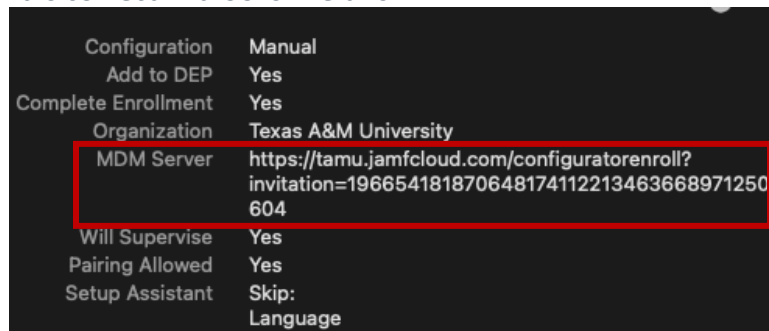
- a. Check that the URL is correct in this final window.
 - i. Its not correct If it looks like this – you need to update the URL in the MDM Server settings page as mentioned on Page 8.



The screenshot shows a "Setup" screen with a list of configuration options. The "MDM Server" option is highlighted with a red box. The URL shown is <https://tamu.jamfcloud.com/cloudenroll>.

Configuration	Manual
Add to DEP	Yes
Complete Enrollment	Yes
Organization	Texas A&M University
MDM Server	https://tamu.jamfcloud.com/cloudenroll
Will Supervise	Yes
Pairing Allowed	Yes
Setup Assistant	Skip:
	Language

- ii. It is correct if it looks like this:



The screenshot shows a "Setup" screen with a list of configuration options. The "MDM Server" option is highlighted with a red box. The URL shown is <https://tamu.jamfcloud.com/configuratorenroll?invitation=196654181870648174112213463668971250604>.

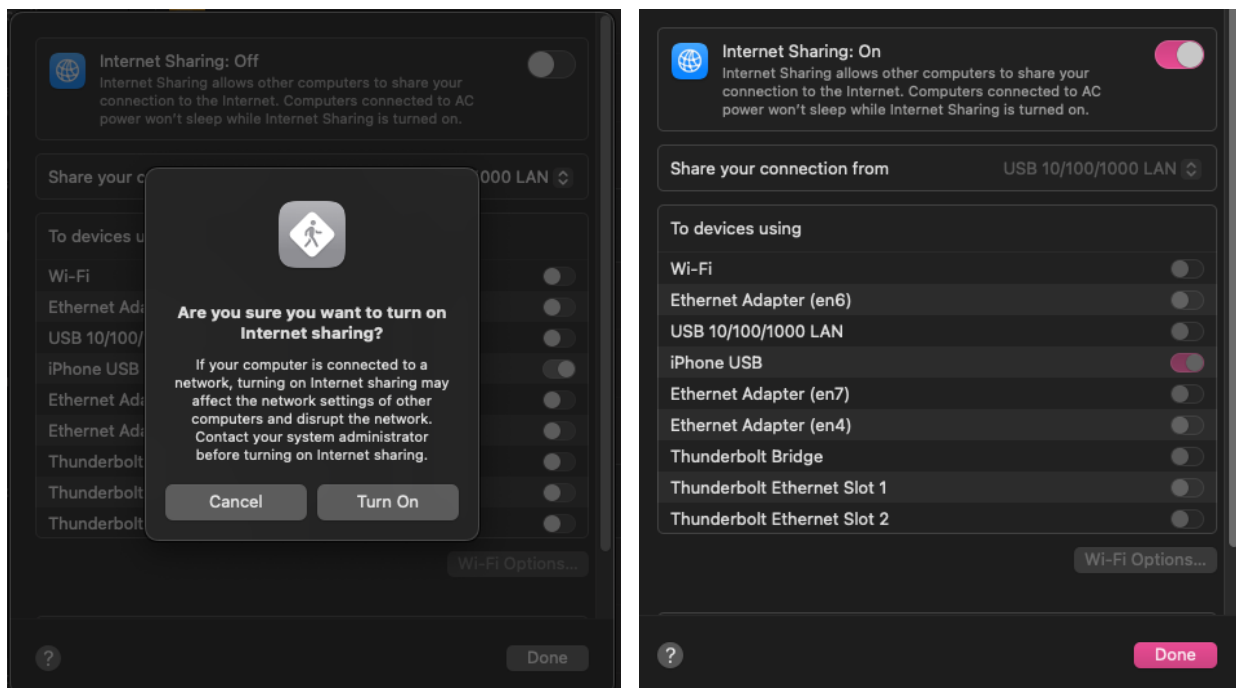
Configuration	Manual
Add to DEP	Yes
Complete Enrollment	Yes
Organization	Texas A&M University
MDM Server	https://tamu.jamfcloud.com/configuratorenroll?invitation=196654181870648174112213463668971250604
Will Supervise	Yes
Pairing Allowed	Yes
Setup Assistant	Skip:
	Language

- b. Click “Done” at the bottom right.

Set up Internet Sharing

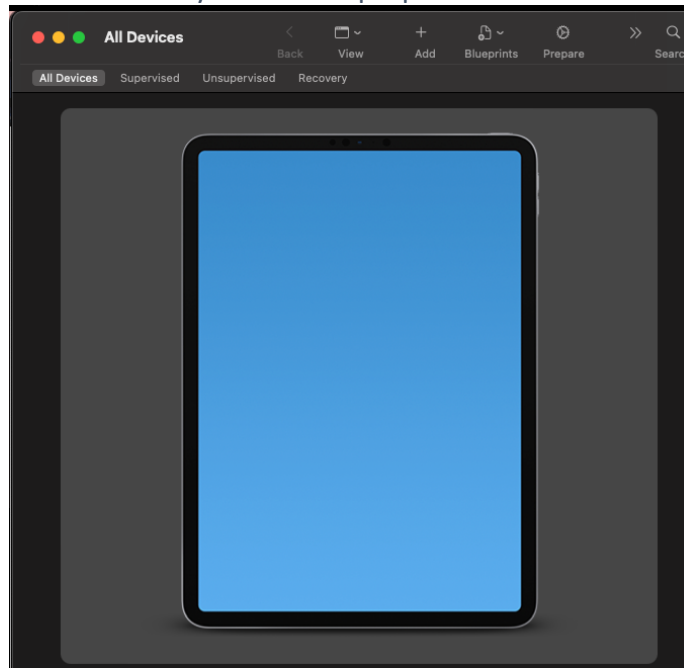
Once the blueprint is created and you are ready to enroll the devices into ASM you will need to make sure the device is sharing the ethernet connection from the computer

1. Open the Computer System Settings:
 2. Using the Search Bar lookup "Internet Sharing" or to navigate to it:
 - a. General -> Sharing -> Internet Sharing
 3. Make sure the setting is turned off.
 - a. To edit the settings internet sharing must be turned off the entire time.
 4. Hit the information icon next to the ON/OFF toggle to go into the settings
 - a. For "Share your connection from" this is your ethernet connection
 - i. Your ethernet connection name can be verified in the Network Settings
 - b. For "To Devices Using" this is the Mobile Devices you are sending internet to
 - i. Once the device is connected to the computer via a usb cable it will show as "iPhone USB" or "iPad USB"
1. Toggled these on.
 - a. Turn the internet sharing on and confirm you want to turn Internet Sharing on

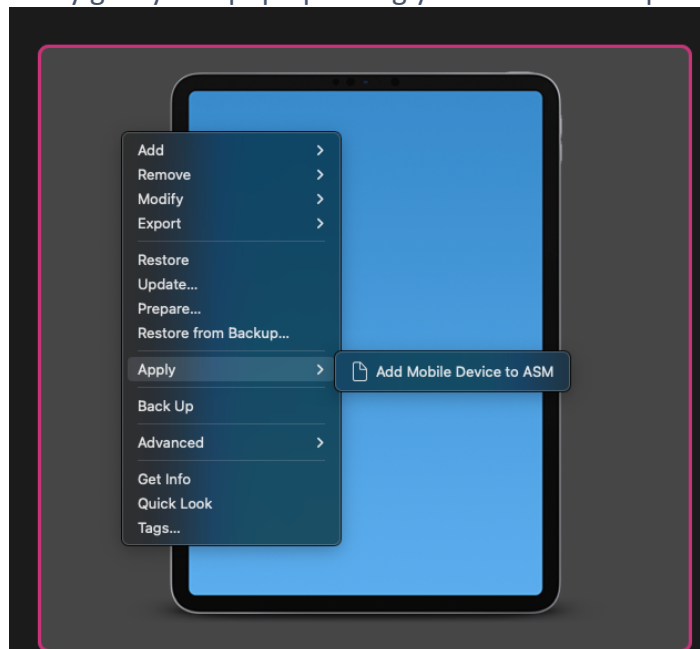


Apply Blueprint to Device

1. Navigate back to Apple Configurator
 - a. Make sure you are not in the “Editing Blueprints” page the top of the page should say “All Devices”
2. Select the devices that you want to prepare



3. Right click on the iPad or iPhone
4. Select “Apply” from the drop down menu
5. Choose the Blueprint you created
 - a. It may give you a pop up telling you it needs to wipe the device, hit “Ok”



List of MDM Servers

Academic Support -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=7844863055846541063932981351422029892>

Athletics -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=309327392920136142655544093242772486287>

Cellular Devices -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=183714228396575665026597563048917279233>

College of Arts & Sciences -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=189841081026733201908148450527007411905>

College of Engineering -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=184614778847930261358106627715051323594>

Health -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=83063840447727268129812387042283803230>

IT Research -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=175723399279592350390867446729154502761>

IT Strategic Alliances & Partnerships -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=134003431747838352251927274050716779055>

Labs & Conference Rooms -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=82581416606850587914622112107368976989>

Residence Life -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=170762006188336088705989102553570086993>

School of Performance, Visualization & Fine Arts -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=54546471896085161530513685328433603140>

School of Veterinary Medicine -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=147432434681442873275751655258546295400>

Technology Services -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=196654181870648174112213463668971250604>

Galveston -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=72571401275320164335688979300655711877>

Qatar -

<https://tamu.jamfcloud.com/configuratorenroll?invitation=97246270931834129434245943350584413001>