# Self-Hosted to Comet-Hosted Migration Guide

Prerequisites

- A Comet-Hosted already created, using a different Domain/IP from your current Self-Hosted Server
- Self-Hosted Servers on 24.8.0 (or later)

Users, Policies and Settings Migration

To perform the migration of users and setting from your Self-Hosted Server, we will replicate the Authentication Role to the Comet-Hosted Server.
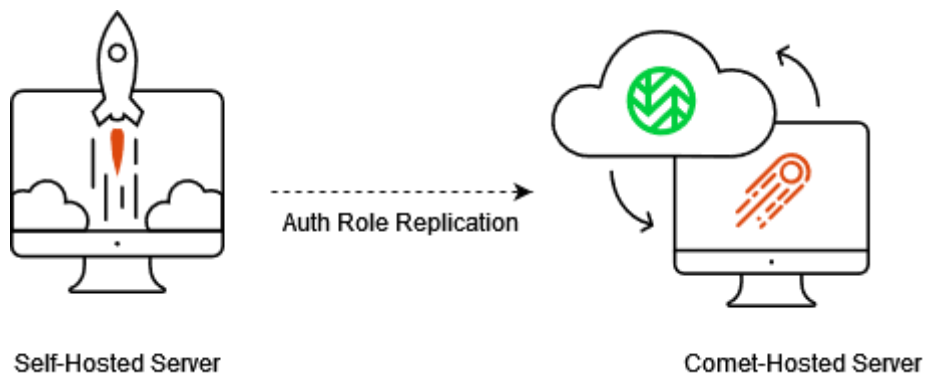
You do not need to disable backups while Auth Role replication is setup between your Self-Hosted Server and your Comet-Hosted Server. Any changes made on your Self-Hosted Server will automatically be sent (replicated) to your Comet-Hosted Server.
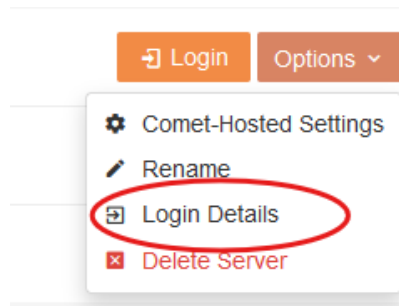
To set up Auth Role Replication, follow these steps:

Go to the My Services page on the Comet Account Portal.

Here, copy the Domain/IP for your new Comet-Hosted Server, as shown in the screenshot below.
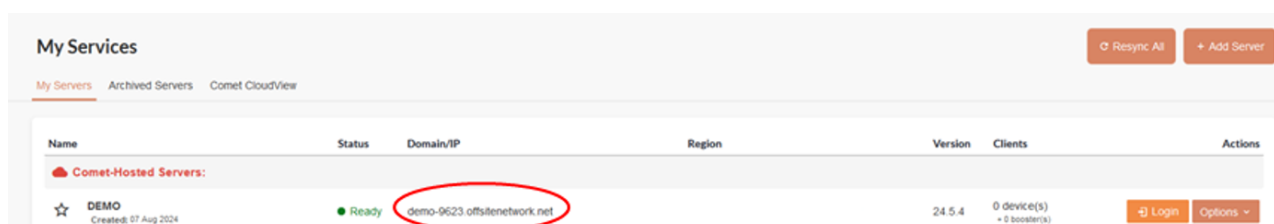
Next, copy the admin username and password for this server by clicking the Options drop-down on the right side of your Comet-Hosted Server under Login Details.
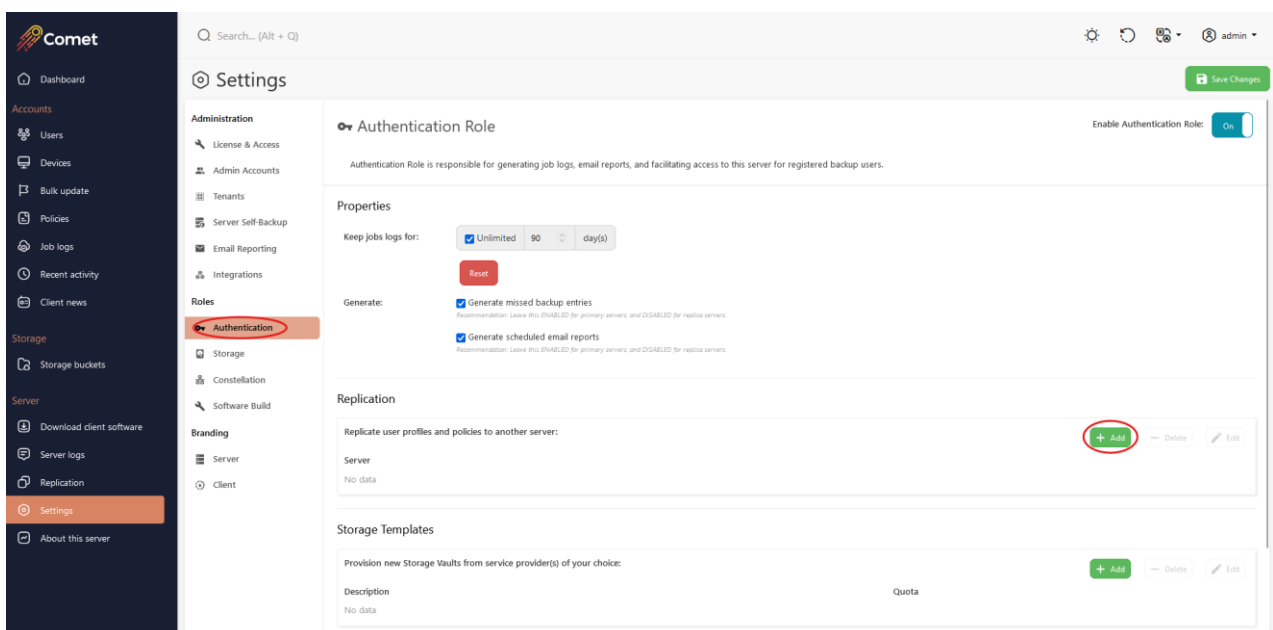

Upon clicking Login Details, you will be shown the username and password in a pop-up. Copy the username and password as well.
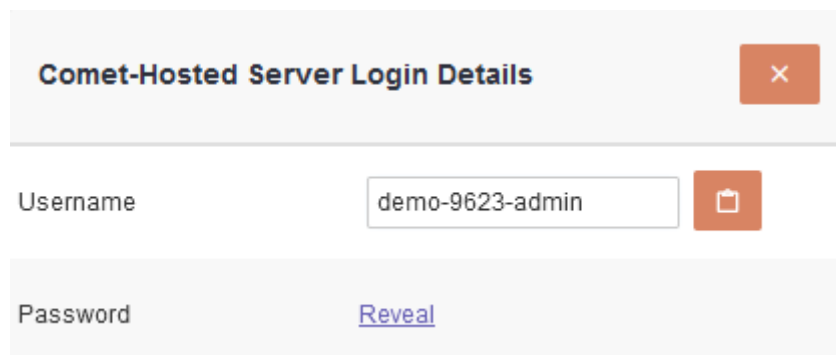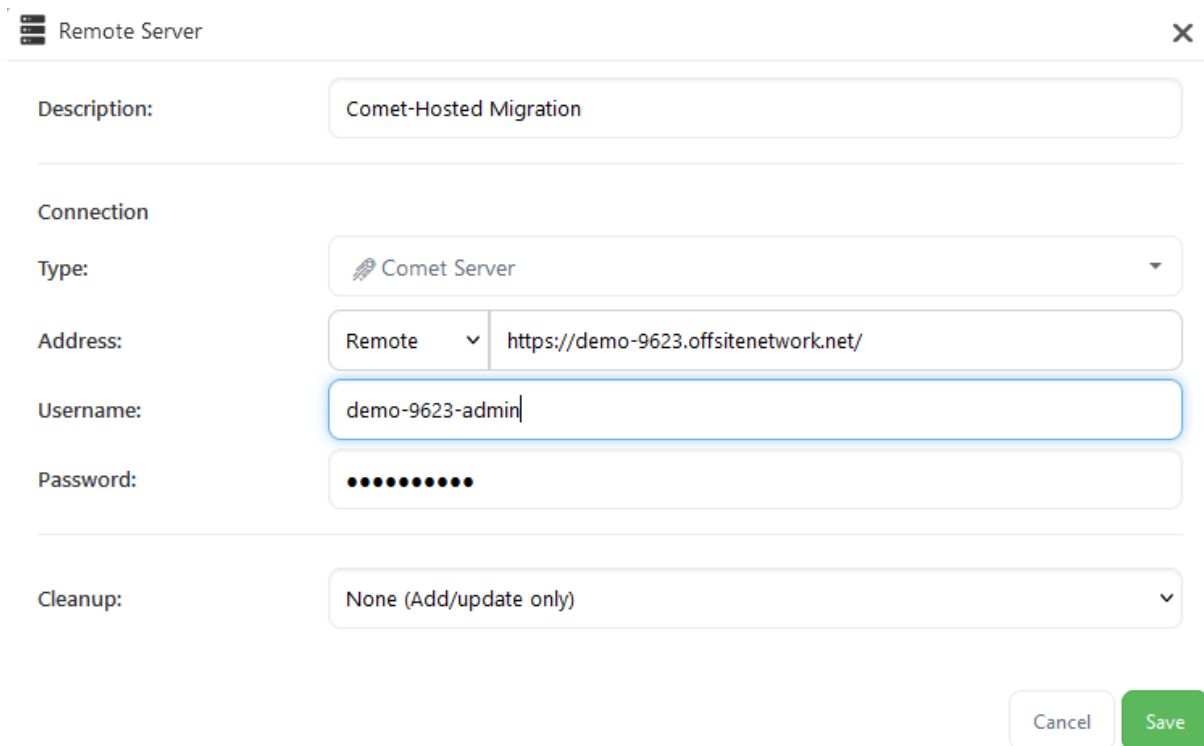

Next, on your Self-Hosted Server head to the Settings Page. From here, navigate to the Authentication Settings tab found under Roles.

Once on the Authentication Role section, click the "Add" button on Replication settings.

This will open a new pop-up to configure Auth Role Replication between your Self-Hosted Server and Comet-Hosted Server. Enter the following information as shown in the screenshot below:

- **Description:** Can be any name, for this example we will use "Comet-Hosted Migration"
- **Address:** Leave the drop-down as Remote and enter the Domain/IP of your Comet-Hosted Server. In this example it is https://demo-9623.offsitenetwork.net/
- **Username:** Enter the admin username for your Comet-Hosted Server.
- **Password:** Enter the admin password for your Comet-Hosted Server.
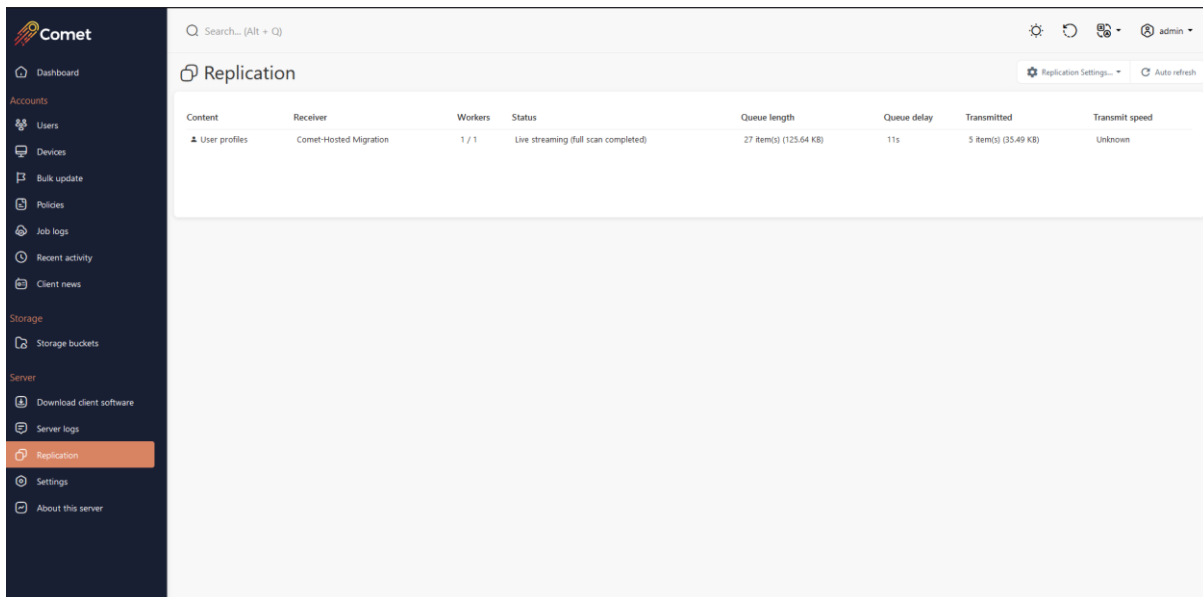- **Cleanup:** Leave as None.

Remote Server		×
Description:	Comet-Hosted Migration	
Connection		
Type:	Comet Server	▾
Address:	Remote ▾ https://demo-9623.offsitenetwork.net/	
Username:	demo-9623-admin	
Password:	••••••••••	
Cleanup:	None (Add/update only)	▾
	Cancel	Save

Once these settings are entered, click Save on the pop-up. Then click "Save Changes" in the top right of the settings page. You can check if it is working by clicking the Replication Page.

You can further confirm this by logging into your Comet-Hosted Server and checking that all user and device information are there. You will notice that all devices are currently offline. This is expected and the device migration will be performed later.

Manual Steps: Branding and Codesigning

The above migration will copy all data except the following:

- Branding Settings.
- Codesigning Settings.

Re-branding the Comet Server and Client as well as Codesigning will need to be setup again from scratch on your Comet-Hosted Server.
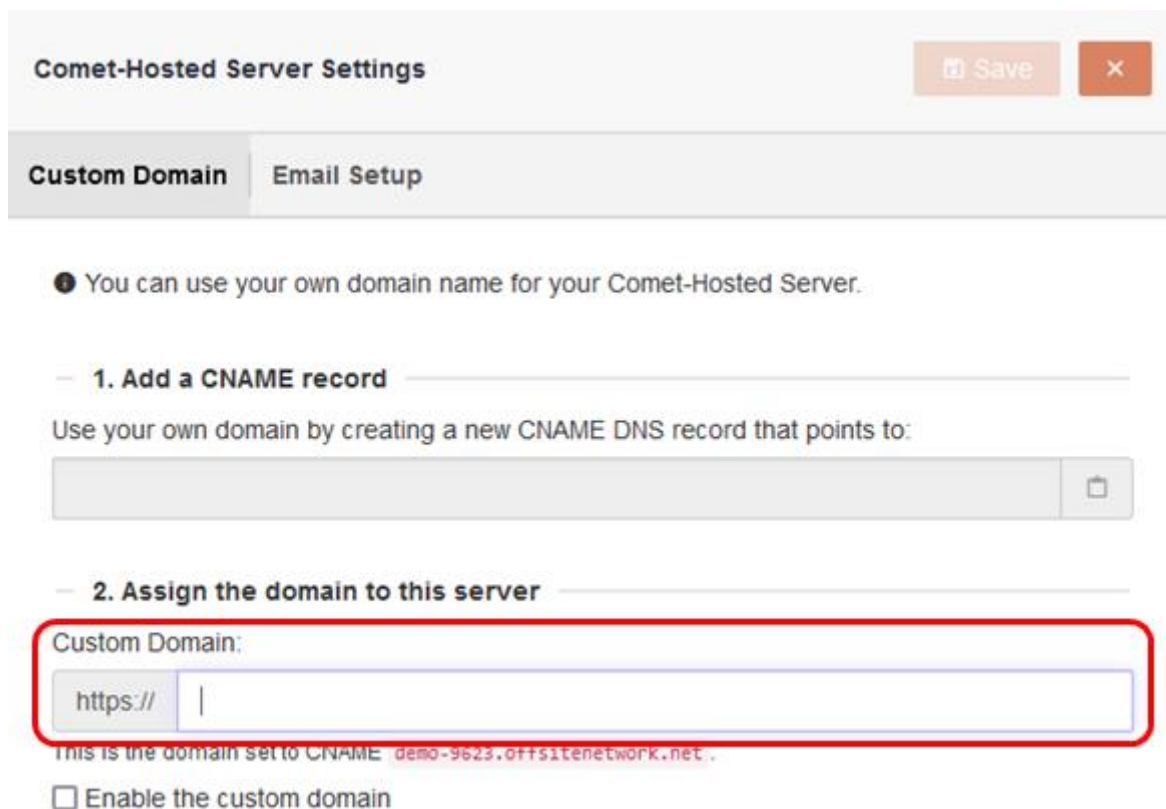
Device Migration

Our recommended way to perform the device migration is to change the Domain/IP your Comet-Hosted Server is running on to the same as your Self-Hosted Server. This is so all devices, online or offline, will automatically connect to the Comet-Hosted Server and work as normal.

To change the Domain/IP of your Comet-Hosted Server, go back to the My Services tab of your Comet Account Portal, then click on Options.

Under Options, click on Comet-Hosted Settings.
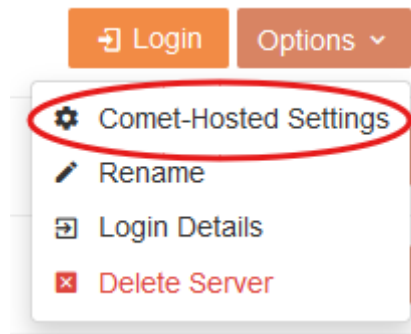
Type in the Domain/IP of your Self-Hosted Server in the Custom Domain field and hit Save at the top-right.
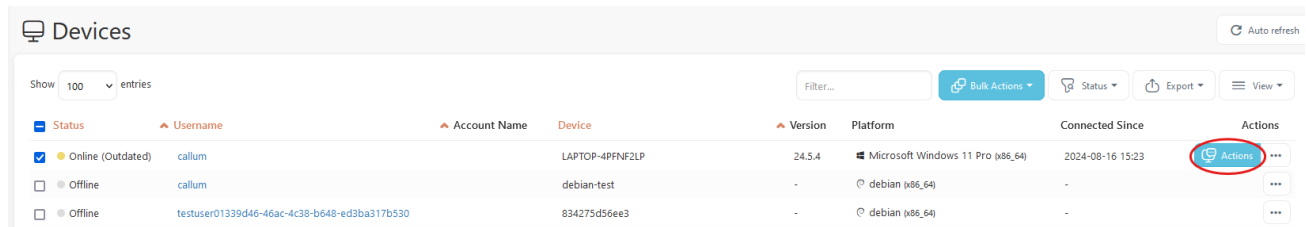

It will take 10 or so minutes for the CNAME record to update fully, and then devices will appear online on your Comet-Hosted Server.
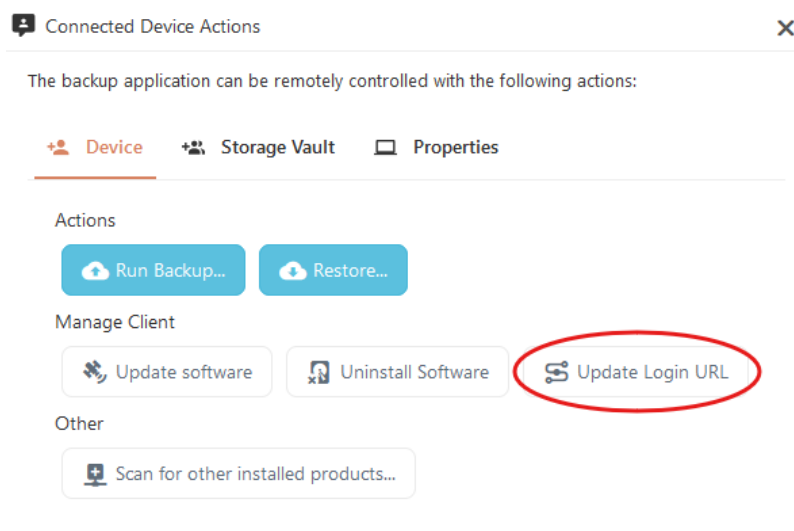
Using a new Server IP/Domain

You can choose a new IP/Domain for your Comet-Hosted Server. To migrate devices to your new IP/Domain you can use the "Update Device Login URL" feature. The limitation of this feature is it can only be performed for online devices.

On your Self-Hosted Server, head to the Devices page. Select the actions button for an online device.

Here, click on Update Login URL.
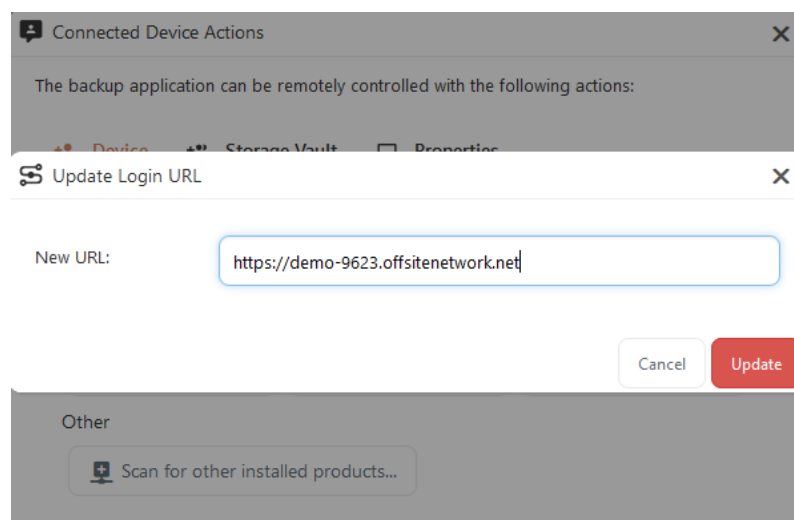
Then enter the new IP/Domain and click on Update.

Once updated, the device will now appear as Online on your Comet-Hosted Server.

Storage Migration

Direct-To-Cloud

If you are already using Direct-To-Cloud Storage Vaults and/or Templates, no Storage Migration is required. This includes the following:

- Amazon S3
- Amazon S3 (Object Lock)
- Backblaze B2 Cloud Storage
- Comet Storage
- Comet Storage (Object Lock)
- Google Cloud Storage
- IDrive e2
- Impossible Cloud
- Impossible Cloud (Object Lock)
- Impossible Cloud (Partner API)
- Impossible Cloud (Partner API) (Object Lock)
- S3-compatible
- S3-compatible (Object Lock)
- Wasabi
- Wasabi (Object Lock)
- Amazon S3 China
- Amazon S3 China (Object Lock)
- Azure Blob Storage
- Catalyst Cloud
- Cynny Space
- Digital Ocean
- Filebase
- OpenStack Swift
- Storadera
- Storj DCS

Local Path

If you are using Local Path Storage Vaults, no Storage Migration is required.

FTP

If you are using FTP Storage Vaults, no Storage Migration is required.

SFTP

If you are using SFTP Storage Vaults, no Storage Migration is required.

SMB

If you are using SMB Storage Vaults, no Storage Migration is required.

WebDAV

If you are using WebDAV Storage Vaults, no Storage Migration is required.

Spanned

If you are using Spanned Storage Vaults, a Storage Migration may be required. This will depend on the underlying vaults configured as part of the Spanned Storage Vault.

 Please reach out to Comet Support for assistance here.

Comet Server (Storage Role)

If you are using Comet Server (Storage Role) Storage Vaults, a Storage Migration is required for this to continue working.

Please reach out to Comet Support for assistance here.