

Software Deployment Recipes (iOS/iPadOS)

The Software Deployment Recipes section for iOS/iPadOS provides a collection of practical guides and recipes to streamline the deployment of software and apps on your iOS and iPadOS devices. Discover step-by-step instructions for efficiently deploying apps, configuring settings, and managing updates across your device fleet. From choosing the right deployment method to customizing configurations and leveraging Mobile Device Management (MDM) solutions, these recipes empower you to seamlessly distribute software and ensure a consistent user experience on iOS and iPadOS devices. Unlock the full potential of your Apple mobile devices with these proven deployment strategies.

- [Lightspeed Smart Filter Deployment \(iOS\)](#)
- [Instal iOS Apps to Devices Using Apple Configurator](#)
- [DRC INSIGHT - Cross-Website Tracking Profile](#)


Lightspeed Smart Filter Deployment (iOS)

Description

Need to deploy Lightspeed Smart Filter along with your configurations. FileWave has got you covered in this step-by-step guide to creating the required Profile to deploy to your iOS devices.

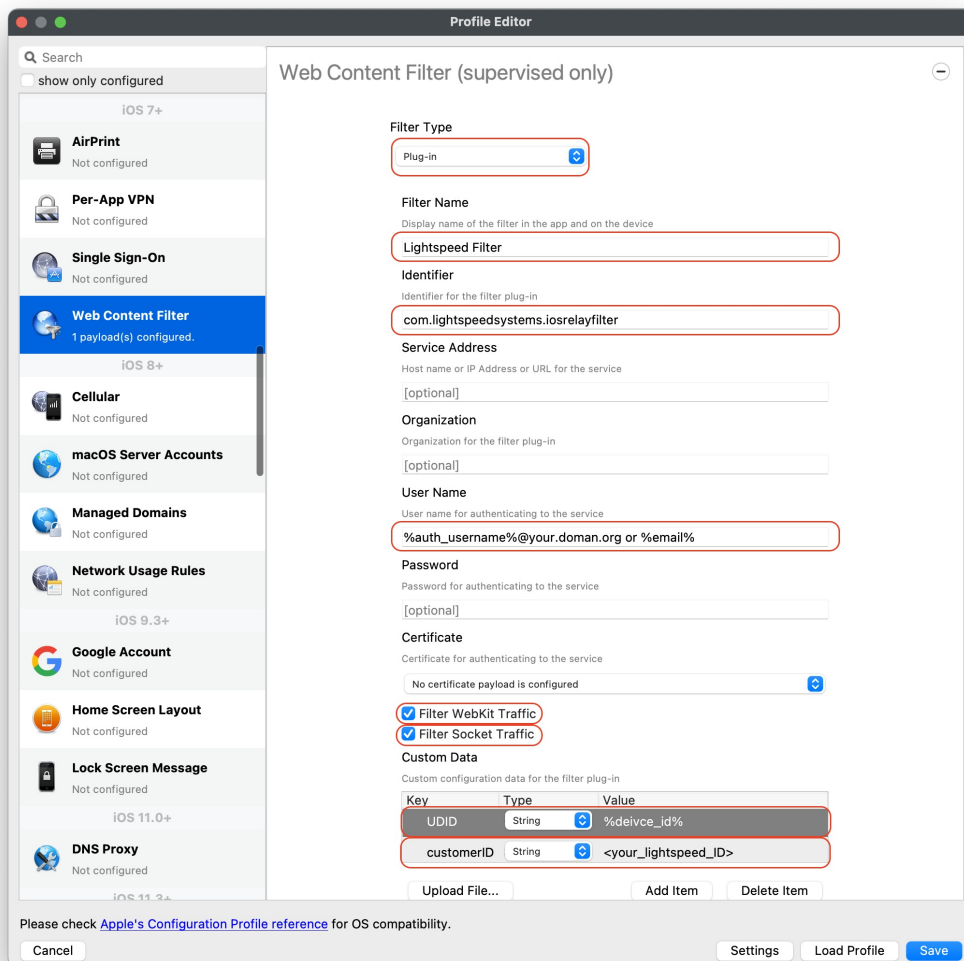
Ingredients

- FileWave Anywhere/Central Profile Editor

 Web Content Filter - In creating a Web Content Filter within FileWave Central it changes the UDID and is unsuccessful in deployment. The issue can be resolved by re-creating the Web Content Filter in FileWave Anywhere as a workaround. The issue should be resolved in the next release. See [Known Issues](#)

Directions

1. Open FileWave Admin
2. Select Filesets
3. Create New Mobile Fileset
4. Select Profile
5. Enter the name of the Profile, i.e. Lightspeed Filter
6. Select Web Content Filter (Supervised Only) payload
7. Select and enter the following:
 1. Filter Type: Plug-in
 2. Filter Name: Lightspeed Filter
 3. Identifier: com.lightspeedsystems.iosrelayfilter
 4. User Name: %auth_username%@your.domain.org or %email%
 5. Filter Webkit Traffic: enable
 6. Filter Socket Traffic: enable
 7. Custom Data:
 - Key: UDID - Type: String - Value: %device_id%
 - Key: customerID - Type: String - Value: your_lightspeed_ID



The screenshot shows the 'Profile Editor' window for a 'Web Content Filter (supervised only)'. The left sidebar lists various payloads, with 'Web Content Filter' (1 payload(s) configured) selected. The main area shows the configuration for the selected payload. The 'Filter Type' is set to 'Plug-in'. The 'Filter Name' is 'Lightspeed Filter'. The 'Identifier' is 'com.lightspeedsystems.iosrelayfilter'. The 'Service Address' is '[optional]'. The 'Organization' is '[optional]'. The 'User Name' is '%auth_username%@your.doman.org or %email%'. The 'Password' is '[optional]'. The 'Certificate' is 'No certificate payload is configured'. The 'Filter WebKit Traffic' and 'Filter Socket Traffic' checkboxes are both checked. The 'Custom Data' section contains a table with two entries:

Key	Type	Value
UDID	String	%device_id%
customerID	String	<your_lightspeed_ID>

At the bottom, there are buttons for 'Upload File...', 'Add Item', 'Delete Item', 'Settings', 'Load Profile', and 'Save'. A footer note says 'Please check [Apple's Configuration Profile reference](#) for OS compatibility.'

8. Click Save

9. Assign/associate to test device
10. Update Model



Always test web content filtering with one or two devices before mass deployment. This ensures the filter is working properly and has configurations set to allow your devices to communicate back to your FileWave services.

Lightspeed Smart Agent for macOS devices

Looking to deploy your Lightspeed Smart Agent for macOS devices? Review the KB article here: [Lightspeed Smart Agent Deployment \(macOS 2023\)](#).

Needing to deploy Lightspeed for macOS using Certificate Manager? Review the KB article here: [Lightspeed Smart Filter Deployment \(macOS v2.3.1+ using Certificate Manager\)](#)

Instal iOS Apps to Devices Using Apple Configurator

Description

Although installation of Apps on devices are usually managed using VPP, it is possible to push Apps using Apple Configurator, including VPP purchased Apps.

Ingredients

- Apple Configurator 2 on a macOS device
- Apple ID or ASM/ABM account
- Purchased Apps

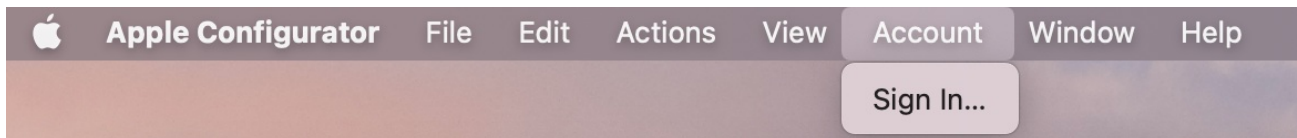
⚠ If devices are ADE(DEP) enrolled with an enrolment profile configured to deny device pairing, unless a supervising certificate was provided at enrolment, devices cannot be connected to macOS devices to action any of this.

Directions

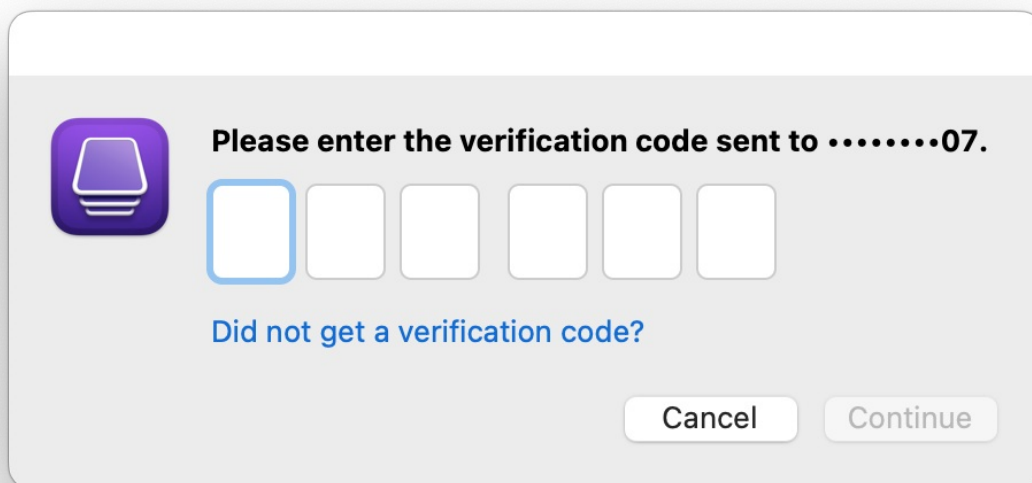
Apple have their own KB on this process:

[Add apps to a device in Apple Configurator](#)

On opening Apple Configurator, an Apple ID must be used to sign into an account which has purchased apps. This account could be either an Apple Business or School Management account or a personal ID, just use the menu drop down to choose to sign in:



After authenticating, a 2FA prompt should appear:



For Apple Business or School accounts, a prompt to select a location will be presented once authentication has been successful:

Select Location

Q Search

This is a VPP location as created within the Apple Business or School account.

Select the appropriate location (you may only have one).

On choosing to select Apps to push to devices, the window should now show Apps purchased by that account (location) and show how many copies are available:

iPad



Q Search



Among Us!
8 copies available



Apple Support
9 copies available



BBC News
10 copies available



Book Creator One
10 copies available



ClassDojo
9 copies available



Classroom
9 copies available



Clips
10 copies available



Discord - ...k & Hangout
8 copies available

More than one App may be selected.

The differing steps should be reported through a pop-up window:



Adding apps on "GCTV8F5THLF9"

Step 3 of 6: Downloading "Google Chrome"



Cancel

Note the download is to the macOS device and will be followed with a sync:



Adding apps on "GCTV8F5THLF9"

Step 4 of 6: Starting sync



Cancel

Shortly after, the App icons should appear showing the download process and then installation should be completed.

DRC INSIGHT - Cross-Website Tracking Profile

Description

The DRC INSIGHT™ Online Learning System (DRC INSIGHT) is a secure, web-based system that supports and enhances the testing experience for students and educators. It is a proven and extremely reliable online testing platform, having successfully delivered tens of millions of online assessments for large-scale state programs, including high-stakes summative assessments (grades 3–8 and high school, end-of-course, and English language learner); interim and formative assessments; classroom diagnostic assessments; and adult education assessments.

On January 2, 2025 DRC Corporation published a Tech Bulletin titled: Cross-Website Tracking and Device Supervision Update for DRC INSIGHT on iPads. In this bulletin they have the following details and the attached [Profile - DRC INSIGHT - Cross-Site.fileset.zip](#) is a profile that will allow you to easily implement their instructions.

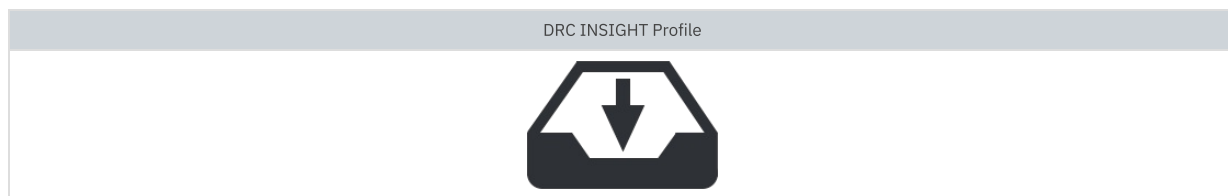
Important: Sites using iPadOS 16.2 and higher no longer need to enable Cross-Website Tracking as long as the device is supervised, and the domains are relaxed following the instructions below. This can be done using Automated Device Enrollment and MDM software or by using Apple Configurator.

Note:

- Sites using iPadOS 16.1.2 and below must still enable Cross-Website Tracking.
- This is only applicable for WIDA testing content on iPadOS.
- Supervision must be enabled for all devices regardless of iPadOS version

Ingredients

- FW Central / Anywhere



Directions

If you do not have a custom port value in DRC INSIGHT then simply download the profile and add it as a Fileset and deploy it.

If you do use a custom port that you defined during COS - SD installation you would need to change one of the entries in the Cross-Site Tracking Prevention Relaxed Domains. To do this you would use [iMazing Profile Editor](#) to either create your profile with the Domains payload and configure it as outlined below or you can import the Fileset attached, and then export the profile and edit it and then bring that profile back into FileWave.



It's very important that you not edit the profile in FileWave Central or Anywhere because the Cross-Site Tracking Prevention Relaxed Apps section is not in the FileWave Profile Editor as of FileWave v15.5.1 so it would cause that field to be cleared, but FileWave v16.0.0 in February 2025 will include it so that you do not need to do anything special. We discuss this in [FileWave Apple Profile Editor Explained](#).

Details about the Profile

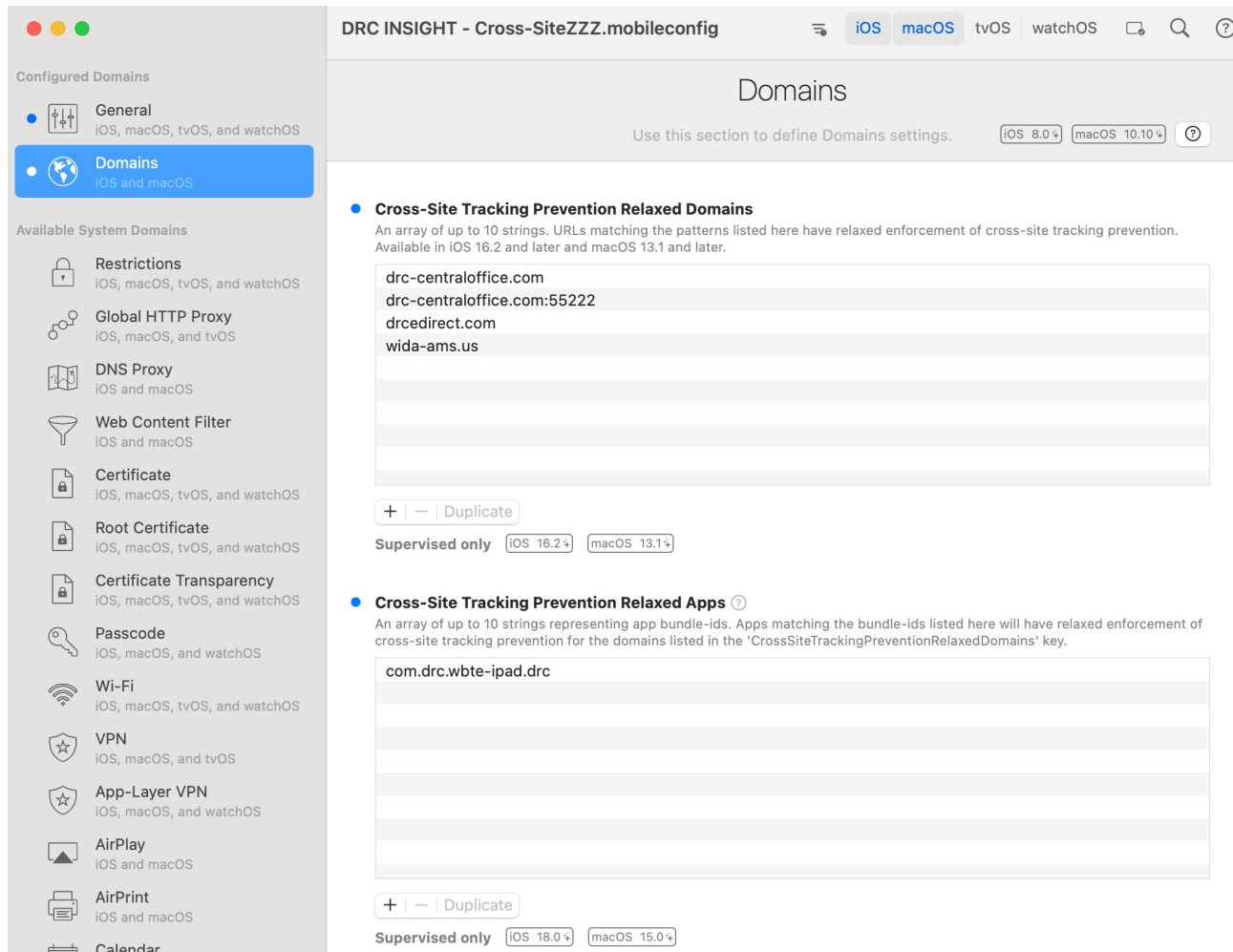
To implement this profile the device, enroll the iPad in your MDM, and do the following:

1. In the Domains payload option within [iMazing Profile Editor](#), locate the Cross-site tracking relaxed for domains field.
2. Enter the following domains to be relaxed:
 - drc-centraloffice.com
 - drc-centraloffice.com:55222
 - Note: 55222 is the default port value. Use the same port that you used during COS - SD installation if you used a custom port.
 - drcdirect.com
 - wida-ams.us
3. In the Apps payload option within your MDM, locate the Cross-site tracking relaxed for apps field. If you do not see this field, you will have to create a custom profile and upload it to your MDM. Enter the following app id to be relaxed:
 - com.drc.wbte-ipad.drc

You no longer need to enable Cross-Website Tracking for testing. However, if you receive a content retrieval error message when you

begin a test and think the domains may not be relaxed, enable Cross-Website tracking in the iPad settings and are able to begin a test then the domains have not been relaxed. If you still receive a content retrieval error after enabling Cross-Website Tracking, reach out to DRC for assistance.

Below is what this profile looks like in [iMazing Profile Editor](#) so you can see the profile payload.



If you create the profile yourself then you can drag and drop it in to the Filesets section of FileWave Central or upload it in FileWave Anywhere and it will work fine. You cannot edit it in the FileWave Profile Editor or you will strip it of the Relaxed Apps.

Related Content

- <https://www.datarecognitioncorp.com/education-services/insight/>
- [iMazing Profile Editor](#)