

Automatically Assign DEP profiles

Starting in FileWave version 13.1.0 you now have the ability to automatically assign DEP profiles to devices.

Step-by-step guide

Start by opening up the DEP Profiles UI (Assistant → DEP Association Management), and verify you have profiles created. It is recommended that you have a highly generic rule that will work with all iOS and macOS devices, and then profiles for your needed situations.

Assign Default Rule

1. Open the "Edit Assignment Rules" UI
2. Choose a Default DEP Profile (Figure 1.1)
3. Hit OK to save it


You can then choose between creating rules on simple things or advanced things:

Assign based on model/operating system (Simple)

1. Open the "Edit Assignment Rules" UI
2. Hit the [+] to create a new profile rule
3. Select your default profile for an OS (iOS in this example)
4. Drag the DEP Devices / Operating System component from the left into the Criteria
5. Set to "Contains" : "iOS" (See figure 2.1)
6. Save
7. Repeat again for "OS X" and "tv" as needed

Assign based on custom fields (Advanced)

1. Create Custom fields (in this example "usage" and "location")

 See [Custom Fields](#) for more information

1. Use: Provided: Admin, Type: string, Restricted: True, Values: None (DEFAULT), Faculty, Student, Administration (See Figure 3.1)
2. Location: Provided: Admin, Type: string, Restricted: True, Values: None (Default), Site A, Site B... (Figure 3.2)
3. Take note of the "Internal Name" from the custom fields

2. Open the DEP UI

3. Hit the [+] to create a new DEP profile

1. Use the internal name in naming (see Figure 3.3)

 See [DEP Naming](#) for more information

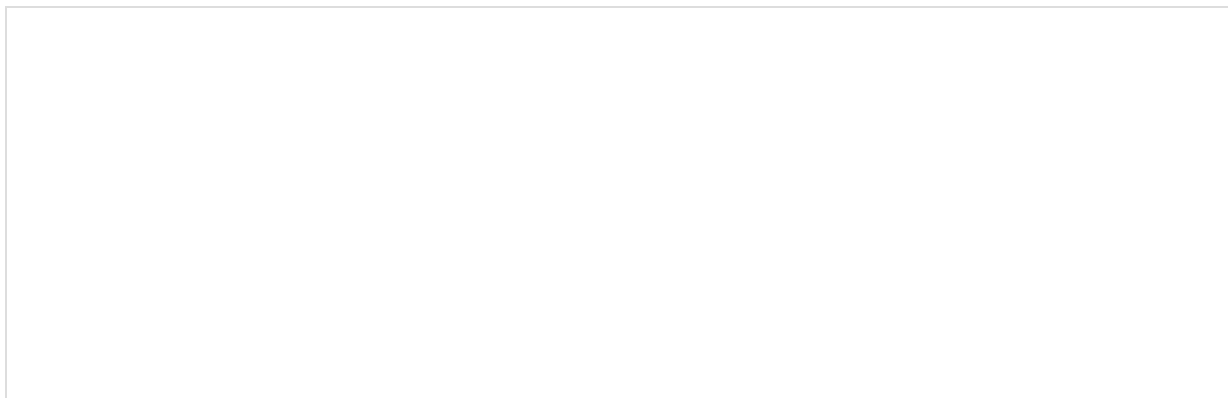
2. Open the "Edit Assignment Rules" UI
3. Hit the [+] to create a new profile rule

4. Select the profile you just created

1. You will now see the Custom Fields component on the left Component list
2. Open it and bring in location and use
3. set them both to is not None (Figure 3.4)

Excluding serials from Auto Rules

You will notice a column named "Excluded from automatic assignment" with True or False (Figure 4.1)



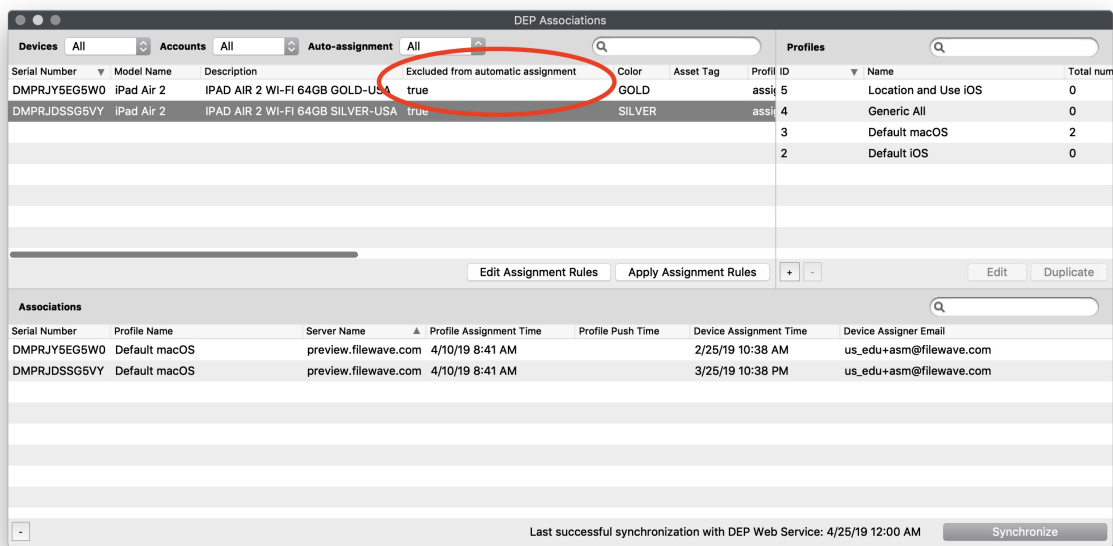


Figure 4.1 - Exclude Column

true - Device will not be included in automatic rules. Note: "true" is NOT applicable when manually clicking the "Apply Assignment Rules" button...when that button is clicked all rules will be applied for any selected devices (after confirmation prompt). Selecting no devices infers ALL devices as selected.

false - Devices will be included in automatic rules, both automatically and when "Apply Assignment Rules" is triggered

true is the default for devices that were in your DEP list before an upgrade to 13.1 to protect those devices from changing before you have built new rules

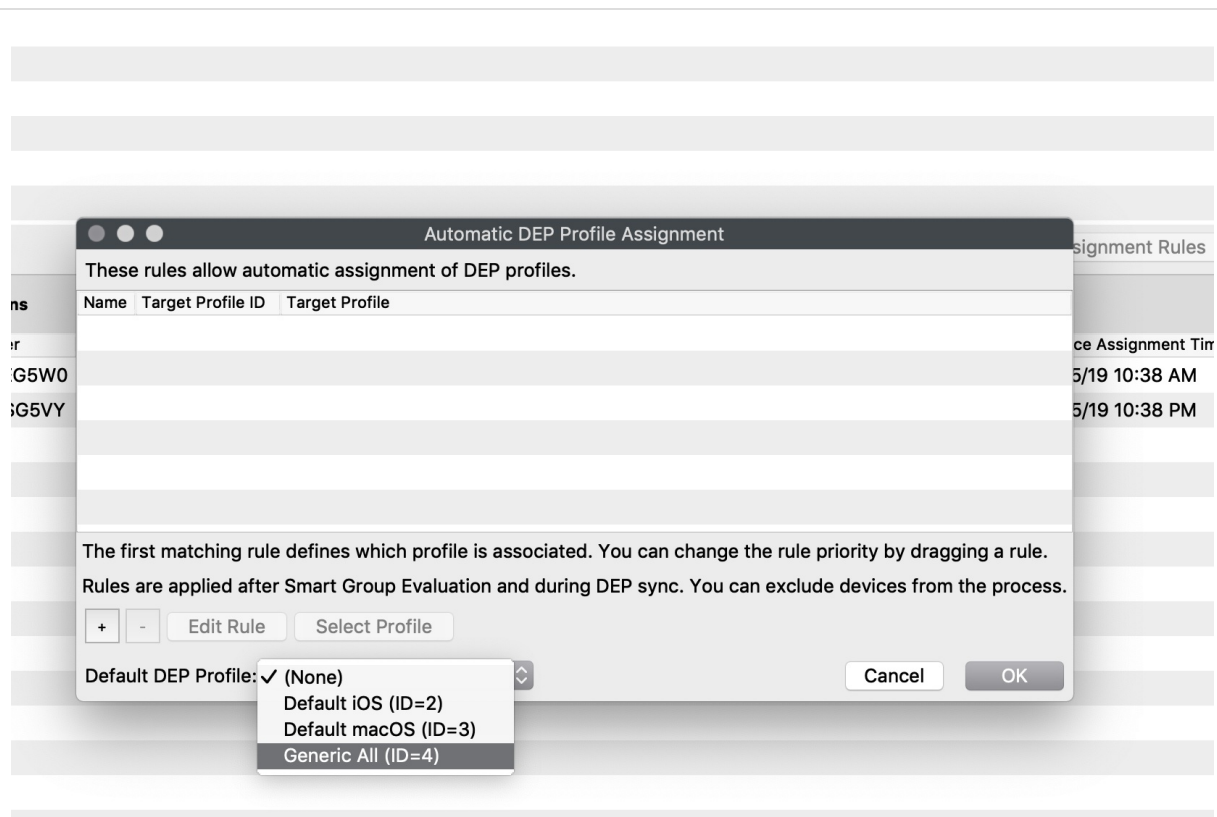


Figure 1.1 - Default Rule

Name: Rule for Default iOS

Component

DEP Account

DEP Device

Asset Tag

Color

Description

Device Assigner Email

Device Assignment Time

Device Family

Excluded from automatic assignment

Model Name

Operating System

Profile Assignment Time

Profile Push Time

Profile Status

Serial Number

Criteria

Fields

All of these expressions must be true

☐ Not DEP Device / Operating System contains ios

Figure 2.1 - iOS Simple Rule

Custom Fields

Search

Display Name Internal Name

Use use

Field Details

Name

Use

Internal Name

Using internal name the field can be referenced in other parts of FileWave

use

Description

Who are you assigning this device to

Provided By

Defines how the field value shall be populated

Administrator

☒ Assigned to all devices

Values

Data Type

String

☒ Restrict allowed values

None

Faculty

Student

Administration

Toggle Default

+

-

Import

Export

Duplicate

Cancel

Save

Figure 3.1 - Custom Use

Figure 3.2 - Custom Location

Figure 3.2 - Custom Location

Profile Name

A human-readable name for the profile.

Location and Use iOS

Url

The URL of the MDM server.

https://preview.filewave.com:20443/ios/dep_enrollment

Information

Options

Setup Assistant

Account

Anchor Certs

Supervising Certs

Device Naming

Activation Lock Settings

Naming Policies

New Devices:

Rename Using the Name Template

Re-enrolled Devices (Same Auth Username):

Rename Using the FileWave Client Name

Re-enrolled Devices (New Auth Username):

Rename Using the FileWave Client Name

This policy only renames the device - it does not change its FileWave client name.

Name Template

Template:

FW-%use%-%SerialNumber%-%location%

Use any inventory, custom, or LDAP attribute to include their values. [See full list](#)

Figure 3.3 - Custom Naming

Q

Component

Custom Fields

Location

Use

DEP Account

DEP Device

Who are you assigning this device to

Internal name: use

Name: Rule for Location and Use iOS

Criteria

Fields

All

of these expressions must be true

Not

Custom Fields / Location

is not

None

Not

Custom Fields / Use

is not

None

+

-

Add Group

Move up

Move down

Move in next group

Move before parent

Cancel

Save

Figure 3.4 - Custom Name Rule