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")

   > ℹ 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)

      > ℹ 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)
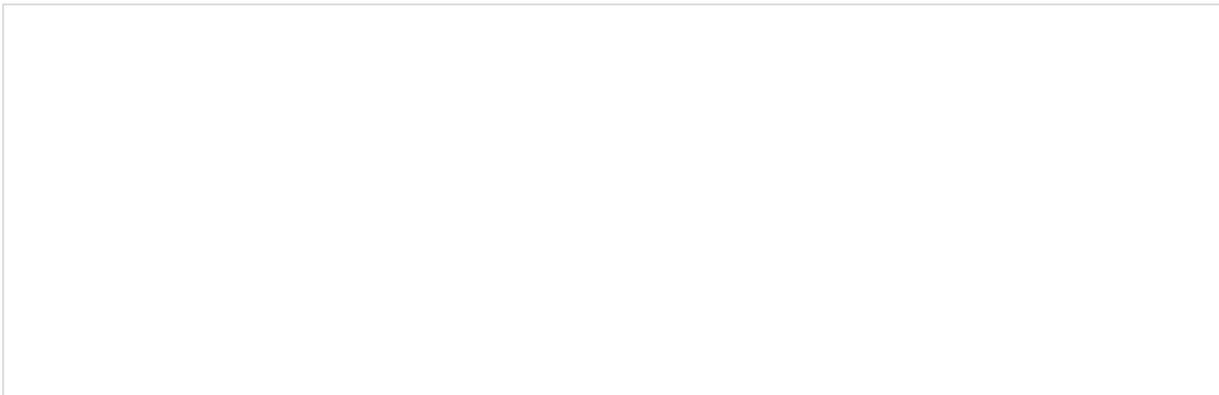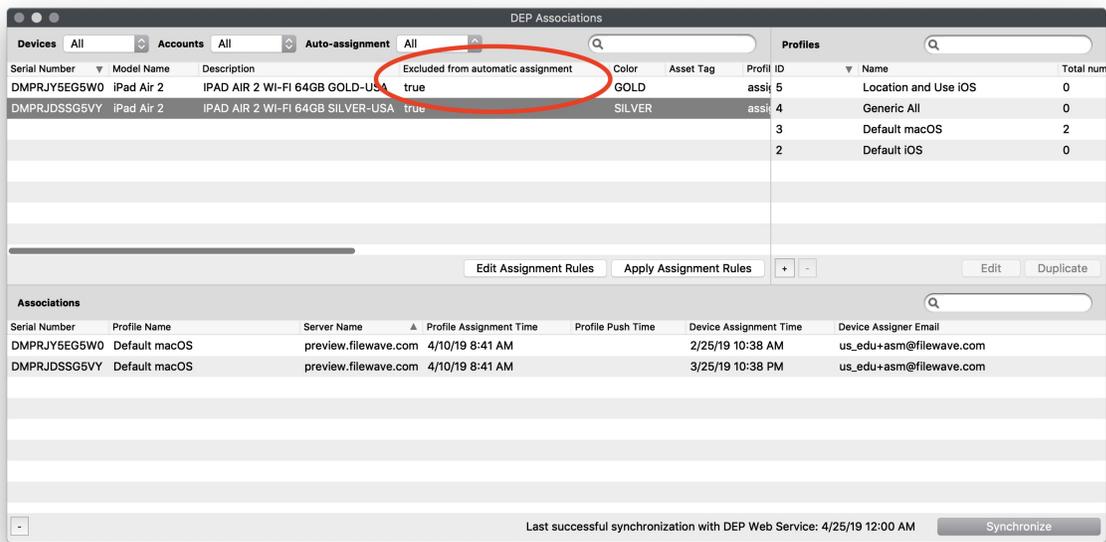
Figure 4.1 - Exclude Column

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
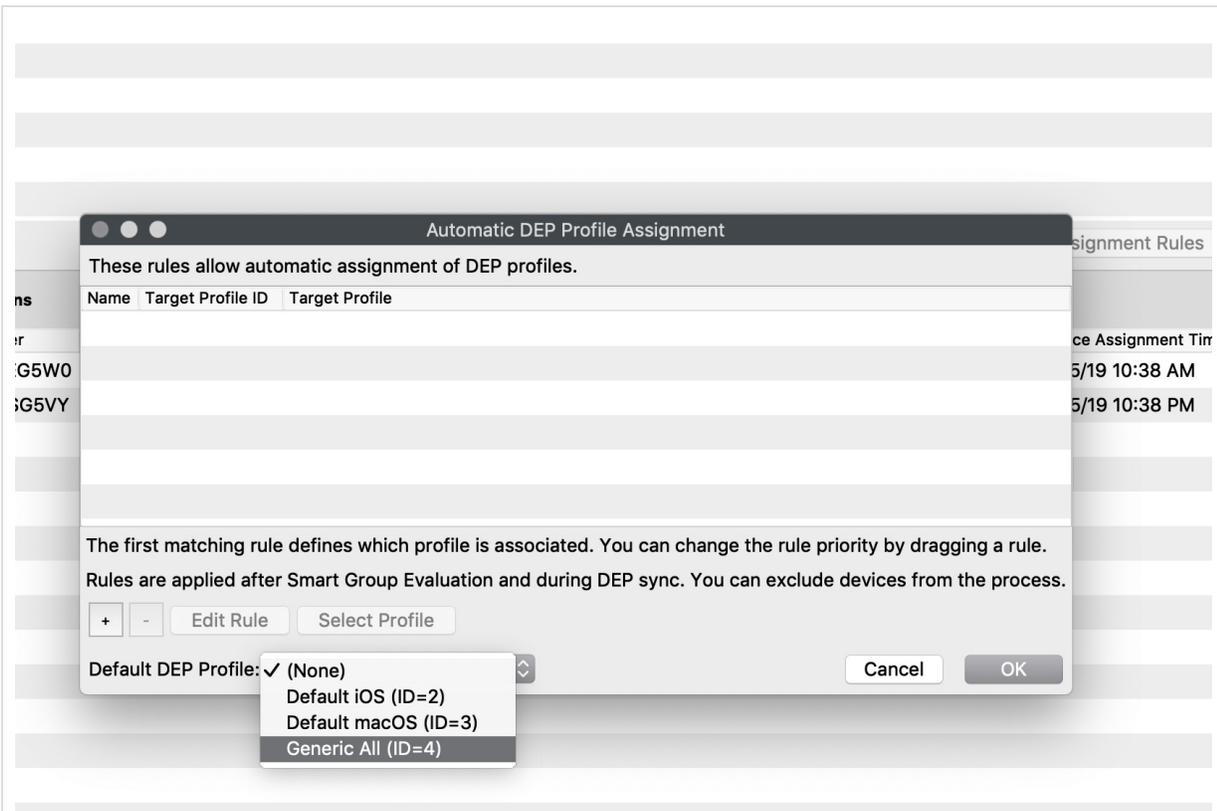
Figure 1.1 - Default Rule

Figure 2.1 - iOS Simple Rule

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

Name: Rule for Default iOS

Criteria   Fields

All ⬍ of these expressions must be true

☐ Not DEP Device / Operating System   contains ⬍   ios

Figure 3.1 - Custom Use

Custom Fields   🔍 Search

Display Name ▲	Internal Name
Use	use

+ −   Import   Export   Duplicate

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

Cancel   Save

Custom Fields

Display Name ▲	Internal Name
Location	location
Use	use

[+] [-]   [Import] [Export] [Duplicate]

Field Details

Name

Location

Internal Name

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

location

Description

Location device assigned

Provided By

Defines how the field value shall be populated

Administrator

☑ Assigned to all devices

Values

Data Type

String

☑ Restrict allowed values

None
South Site
West Site

[+] [-]   Toggle Default

[Cancel] [Save]

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

Name: Rule for Location and Use iOS

Component
- ▼ Custom Fields
  - Location
  - **Use**
- ▶ DEP Account
- ▶ DEP Device

| Criteria | Fields |

All of these expressions must be true

| ☐ Not Custom Fields / Location | is not | None |
| ☐ Not Custom Fields / Use | is not | None |

Who are you assigning this device to

Internal name: use

| + | - | Add Group | | Move up | Move down | Move in next group | Move before parent |

Cancel | Save

Figure 3.4 - Custom Name Rule