

# Integrating EasyLAPS with FileWave

## What

This article focuses on [EasyLAPS](#), a tool developed to routinely rotate the local administrator account password of a Mac and store it in a Mobile Device Management (MDM) solution, including FileWave. EasyLAPS main function is to maintain unique passwords across a Mac fleet, centralized in the MDM console.

## When/Why

EasyLAPS is beneficial when the need arises to manage and rotate local administrator passwords across a number of Mac devices, ensuring unique passwords are utilized and safely stored within the MDM. This tool is particularly useful for enhancing the security of your network by preventing unauthorized access and reducing the risk of password-related security breaches.

## How

EasyLAPS operates in two different functioning logics, both supported by FileWave:

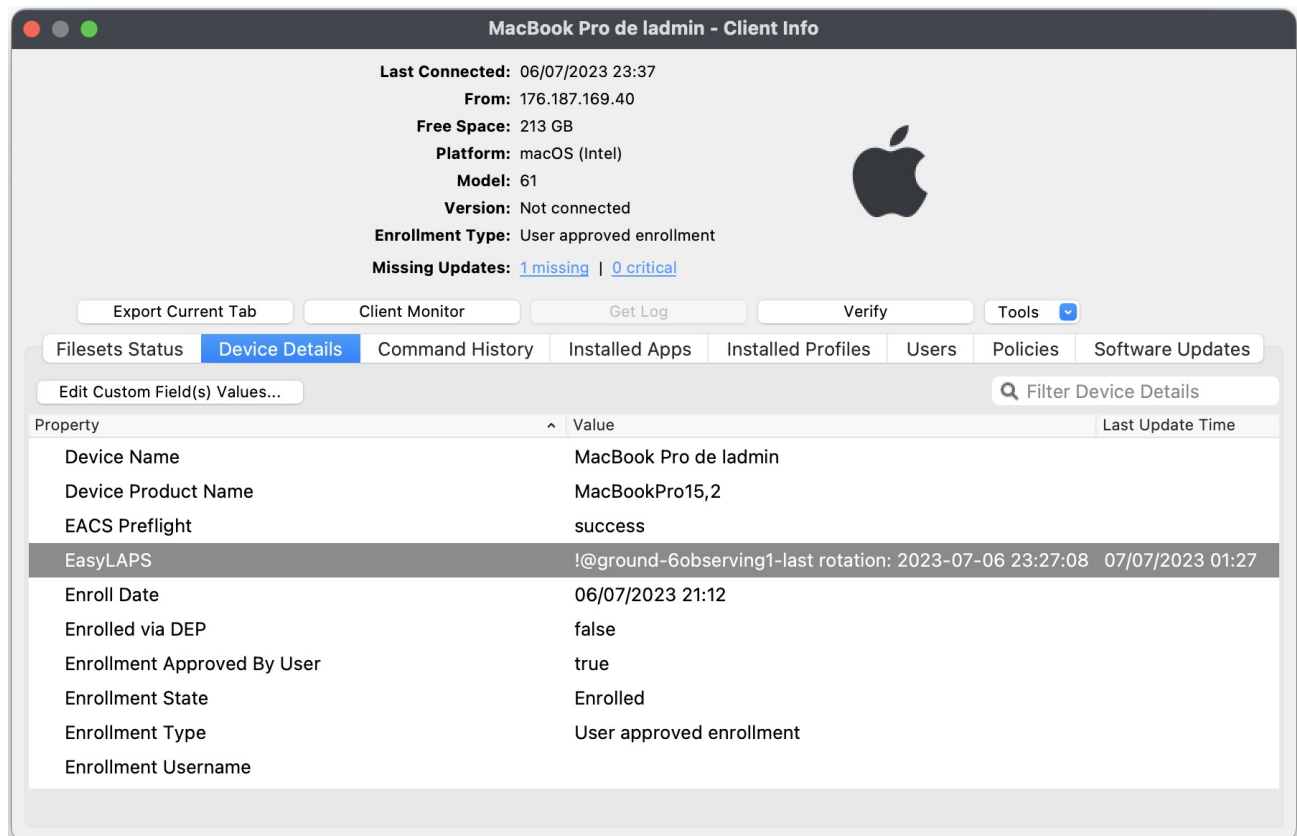
Logic #1: In this mode, the password is stored in encrypted form both in the MDM and in the EasyLAPS Keychain. EasyLAPS manages the password rotation using the locally stored password, with the new generated password then stored in the MDM. The public key used for encryption is part of the EasyLAPS configuration file, while the private key is not present on the device and must be kept securely. This mode is most suitable when a large number of technicians have access to the MDM console, and only those possessing a copy of the EasyLAPS-Toolkit with the private key can access the rotated password.

Logic #2: Here, the password is stored in clear text in the MDM and not stored locally unless a password reversion fails. EasyLAPS uses the MDM-stored password to manage the rotation to the new generated one, which is then stored in the MDM. This logic is best when a limited number of technicians have access to the MDM console and can access a rotated password.

After the first successful rotation, the new password is visible in the device inventory record.

EasyLAPS operates a true rotation of the local administrator password, so the account keeps its cryptographic status. That means that once the password is changed, the account is still a Crypto user and Volume owner, able to unlock the device, install macOS updates, make changes to the startup security policy, initiate an Erase All Content and Settings, and more.

Complete documentation on how to use EasyLAPS with FileWave is provided upon purchase, offering detailed instructions and support. Please note that EasyLAPS supports a variety of MDM solutions with FileWave included.



The screenshot displays the FileWave MDM console interface for a specific device. The title bar reads "MacBook Pro de ladmin - Client Info". The main content area shows various device attributes:

- Last Connected:** 06/07/2023 23:37
- From:** 176.187.169.40
- Free Space:** 213 GB
- Platform:** macOS (Intel)
- Model:** 61
- Version:** Not connected
- Enrollment Type:** User approved enrollment
- Missing Updates:** [1 missing](#) | [0 critical](#)

Below this information is a navigation bar with buttons: "Export Current Tab", "Client Monitor", "Get Log", "Verify", and "Tools" (with a dropdown arrow). A secondary bar contains tabs: "Filesets Status", "Device Details" (selected), "Command History", "Installed Apps", "Installed Profiles", "Users", "Policies", and "Software Updates".

Under the "Device Details" tab, there is a search bar "Filter Device Details" and a table of properties. The table has columns for "Property", "Value", and "Last Update Time".

Property	Value	Last Update Time
Device Name	MacBook Pro de ladmin	
Device Product Name	MacBookPro15,2	
EACS Preflight	success	
EasyLAPS	!@ground-6observing1-last rotation: 2023-07-06 23:27:08	07/07/2023 01:27
Enroll Date	06/07/2023 21:12	
Enrolled via DEP	false	
Enrollment Approved By User	true	
Enrollment State	Enrolled	
Enrollment Type	User approved enrollment	
Enrollment Username		

# Related Links

- [EasyLAPS Official Website](#) - Comprehensive information about EasyLAPS, its features, and support.
- [EasyLAPS - Management solutions support - EN - Agnosys](#)
- [Integrating Telepod with FileWave](#)
- [Integrating MacOnboardingMate \(MOM\) with FileWave](#)

---

🕒Revision #5

★Created 23 July 2023 23:31:18 by Josh Levitsky

✎Updated 26 July 2023 16:23:54 by Josh Levitsky