

Booster Auto-Upgrade

What

This feature will offer FileWave administrators (14.4+) a centralized way to upgrade all their boosters from within FileWave.

When/Why

Having to ssh or remote control to every booster to download and run the booster upgrade takes too much time. Starting with FileWave 14.4, the "Boosters" and "Booster Details" tabs will provide an action for each Booster that has an applicable upgrade available. Some of the criteria to determine if there is an applicable upgrade are:

- Booster has to be at least 14.4
 - The operating system version has to be supported by the target version
 - The booster has to be running in order to trigger an upgrade
 - The version number of the target version has to be higher than the currently installed version (i.e you cannot use this feature to reinstall/downgrade to a specific version)
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- [Upgrading a Single Booster](#)
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 - [Reporting / Monitoring Booster Upgrade Process](#)

Upgrading a Single Booster

What

The auto-upgrade Booster feature will offer FileWave administrators a centralized way to upgrade all their boosters from within FileWave.

When/Why

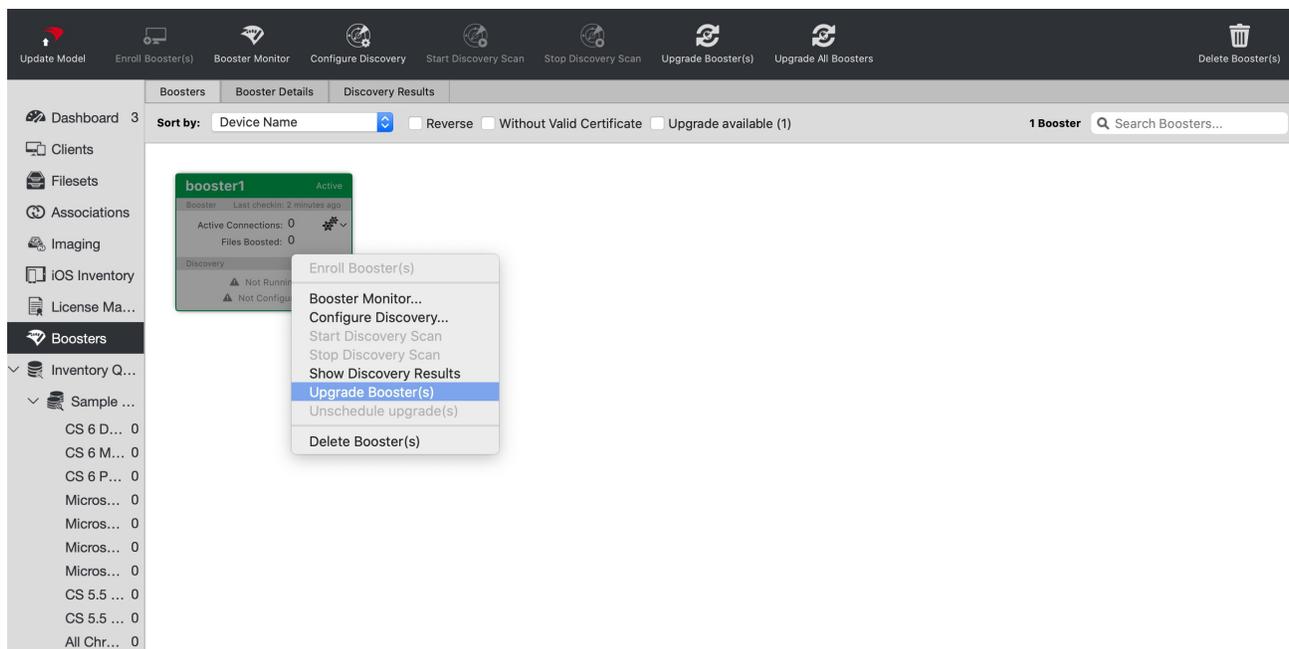
Having to ssh or remote control to each of them to download and run the installer takes too much time. Starting with FileWave 14.4, the "Boosters" and "Booster Details" tabs will provide an option for each Booster that has an applicable upgrade available. Some of the criteria to determine if there is an applicable upgrade are:

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This will discuss a single Booster setup. Even in this case, the process for upgrade is made more simple by being able to upgrade it in one step.

How

To upgrade a particular booster, just right-click it and select "Upgrade Booster". You can also right-click the booster in the "Booster Details" tab.



Upgrading Multiple Boosters

What

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When/Why

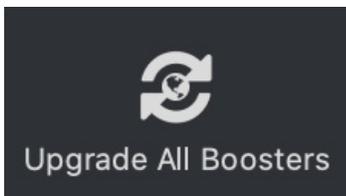
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This will discuss a multi-Booster setup. As you increase the number of Boosters in use this process will save more and more time.

How

It is also possible to upgrade multiple boosters. In this case, one booster will be upgraded one after another in alphabetical order. The simplest way to upgrade multiple boosters is to use the "Upgrade All Boosters" button in the toolbar of the Boosters section of the native console:



It automatically schedules all boosters to upgrade. Alternatively, you can select multiple boosters and use the context menu or toolbar button to upgrade them.

To track the progress of upgrading multiple boosters, you can use the new Booster Upgrade status field mentioned earlier. You can also use the new check box Upgrade available which allows you to filter out boosters that have no upgrade available. This check box is displayed in both the Boosters and Booster Details tabs:

The screenshot shows the FileWave Admin interface. At the top, there is a toolbar with several icons, including 'Upgrade All Boosters'. Below the toolbar, there are tabs for 'Boosters', 'Booster Details', and 'Discovery Results'. The 'Boosters' tab is active, showing a table of booster status. The table has columns for 'Server Address', 'Expiration Date', 'Last Upgrade Status Change', 'Upgrade Status', 'Available Upgrade Version', 'Scheduled for Upgrade', 'Next Scan Start T', and 'Last Discovery Sc'. There are two rows of data, both showing 'No upgrade in progress'.

Server Address	Expiration Date	Last Upgrade Status Change	Upgrade Status	Available Upgrade Version	Scheduled for Upgrade	Next Scan Start T	Last Discovery Sc
mmbp.fwx.one	29.02.24 16:08		No upgrade in progress	14.4.1 (Best.Release....	false	Not Configur...	Not Running
	29.02.24 16:38		No upgrade in progress	<No upgrade availabl...	false		

With this new functionality, the process to upgrade Boosters should be greatly simplified, especially for larger environments.

Related Content

- [Booster deployment planning](#)
- [Booster installation](#)
- [Upgrading a Single Booster](#)
- [Reporting / Monitoring Booster Upgrade Process](#)

Reporting / Monitoring Booster Upgrade Process

What

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When/Why

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This will discuss the reporting functions around this auto-upgrade process.

How

In the "Booster Details" tab, there are three new fields that indicate the status of the booster upgrade:

Boosters								
Booster Details		Discovery Results						
<input type="checkbox"/> Without Valid Certificate		<input type="checkbox"/> Upgrade available (1)			2 Boosters <input type="text" value="Search Boosters..."/>			
stalled	Server Address	Expiration Date	Last Upgrade Status Change	Upgrade Status	Available Upgrade Version	Scheduled for Upgrade	Next Scan Start T.	Last Discovery Sc
	mmbp.fwx.one	29.02.24 16:08		No upgrade in progress	14.4.1 (Best.Release...	false	Not Configur...	Not Running
		29.02.24 16:38		No upgrade in progress	<No upgrade availabl...	false		

Upgrade Status - This field shows the current progress of the booster with one of the below statuses:

- No upgrade in progress: Currently, no upgrade is being installed. This status is also shown when the last upgrade was successful.
- Downloading: Indicates that the booster is currently downloading a new booster upgrade from the server; a necessary step before the upgrade can be installed.
- Installing: The booster is currently installing an update. This should either lead to the "No upgrade in progress" or "Failed" state. The default timeout is one hour.
- Failed: Indicating the upgrade was unable to complete.

Available Upgrade Version - Reports which upgrade version is available to this particular booster, given its operating system.

Scheduled for Upgrade - This flag indicates whether the booster is in the current upgrade queue.

- 'true': Booster is either processing an upgrade or waiting for a preceding Booster to finalize an upgrade, including failures.
- 'false': No upgrade is scheduled

1 Only on each upgrade success, will subsequent Boosters continue to automatically upgrade, if scheduled, to the version indicated by the 'Available Upgrade Version'. Booster upgrade failures prevent further automated, scheduled upgrades until addressed or overridden by bypassing the failed Booster from the 'Unschedule Booster' context menu item.

Related Content

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Digging Deeper

When an upgrade is triggered through FileWave Central, the server sends a notification to the Booster with a URL parameter pointing

to the upgrade package (rpm for Linux, pkg for Mac, MSI for Windows) that shall be downloaded and installed. Currently, this URL will point to the FileWave CDN (<https://fdl.filewave.com/>) for official releases. Both "Boosters" and "Booster Details" view offer a filter to only show Boosters that can be upgraded.

The location for auto upgrade logs is;

- Linux and MacOS: `/var/log/fwbooster_upgrade.log`
- Windows: `C:\ProgramData\FileWave\FWBooster\Data Folder\upgradeBooster.log`