

# Booster Installation

## Description

Booster software is compatible with either macOS, Windows or Debian. All necessary installers or appliances can be found on the current download pages: [FileWave Software Downloads](#)

## Installers

### Debian

Linux has two options. FileWave provides (as with the FileWave Server) a pre-built Debian VM. Alternatively, it is possible to self-install the software on a Debian system.

### macOS & Windows

Installers are available as PKG or MSI.

 As typically with MSI installers, options exist not only for install, but repair and deletion

## Install Paths

Booster installs the software to one of the following locations:

- Windows: C:\Program Files\FileWave\fwBooster.exe
- macOS, Debian: /usr/local/sbin/fwBooster

## Booster Configuration

Once installed, configuration is via the Booster Monitor application, available for both macOS and Windows from the same downloads page.



Note that the standalone application, Booster Monitor, will only be able to connect to a Booster for initial configuration. Once a Booster is configured you must access Booster Monitor from FileWave Central in the Boosters section. This is because authentication is protected, and the FileWave Central application provides a secure connection. Launching Booster Monitor directly would not have that same authentication, and you will see an error about the Booster not running.

# Installation

## Debian

If using the pre-built Debian Appliance, simply add the VM to the VM infrastructure. Alternatively, follow the commands provided on the downloads page.

## macOS & Windows

Run the relevant PKG or MSI installer, accepting any terms and agreements.



Custom Installers may be created, pre-defining details, e.g. Server Address, Port and Booster Monitor Preferences password: [Custom Installers](#)

## Configuration

### Network Address

Configure a static IP for the Booster and consider adding a Domain Name within the DNS for this IP.

macOS and Windows can be configured using the Settings. However, Debian will require some command line configuration.

#### ▼ Debian IP Setup

##### Network Interface

The current IP may be determined with the 'ip addr' command:

```
# ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
2: ens192: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
    link/ether 00:0c:29:9d:4d:7e brd ff:ff:ff:ff:ff:ff
    altname enp11s0
    inet 192.168.1.98/24 brd 192.168.1.255 scope global dynamic ens192
        valid_lft 68853sec preferred_lft 68853sec
    inet6 fe80::20c:29ff:fe9d:4d7e/64 scope link
        valid_lft forever preferred_lft forever
```

The key part here is the name of the network interface. In the above example, this is 'ens192'.

## Edit Network File

Make a backup of the current file:

```
cp /etc/network/interfaces /etc/network/interfaces-mybackup
```

Edit the original file:

```
sudo nano /etc/network/interfaces
```

Add the chosen IP and other necessary details for this interface. Given the details above, it may look something like the below once edited:

```
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
iface ens192 inet static
address 192.168.1.22
netmask 255.255.255.0
gateway 192.168.1.255
dns-nameservers 8.8.4.4 8.8.8.8
```

Once complete, save and then restart the network service:

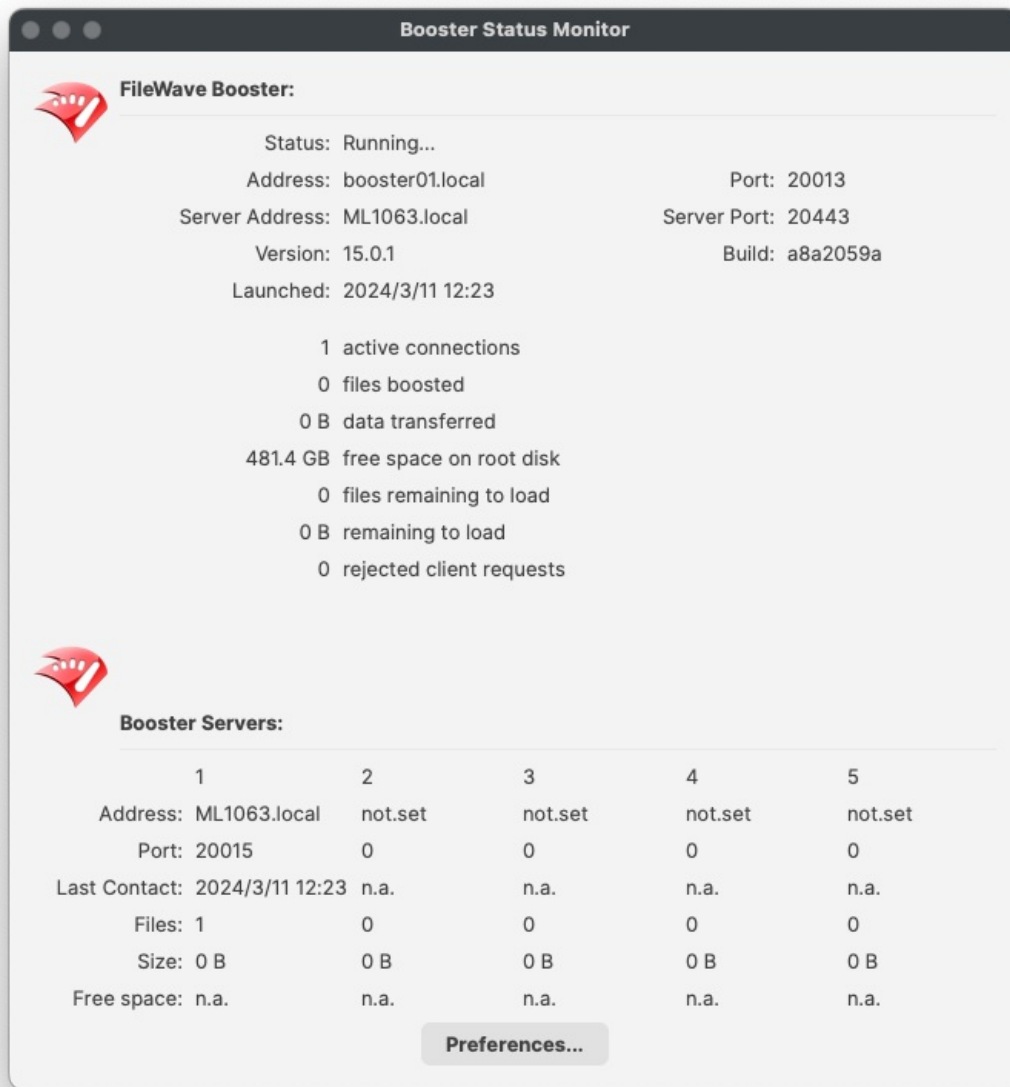
```
sudo systemctl restart networking
```

Re-running the 'ip addr' command should now show the new details.


Add a name with this IP on the DNS.


## Booster Setup

Install the Booster Monitor on a chosen macOS or Windows device. On launching the Booster Monitor, use the above created network address. The initial view is akin to the FileWave Client Monitor, but with Booster specific details:



Select Preferences, enter the created password (or default password as provided from the downloads page)

 Consider changing this password at the earliest possible moment

 This password is only used to access the Preferences from the Booster Monitor.

The Booster Monitor may then be used to configure the Booster. At a very basic level, the Server Address and port should be added.

FileWave Booster Preferences

Booster Prefs

Booster Name: booster01

Booster Location: The booster's location

Booster Port: 20013

Password: .....

Confirmation: .....

FileWave Server Address: ML1063.local

Inventory port: 20443

Number of Threads:

Maximum Client Connections: 500

Debug Level: 10

Delete Unused Filesets: ☒

Fileset Validation Interval: 24 hours

Client Download Speed Limit: ☐ 100 KB/s

Booster Server Prefs

	IP or DNS Address	Port	
Server 1:	ML1063.local	20015	<input type="button" value="⊞"/> <input type="button" value="v"/>
Server 2:	not.set	0	<input type="button" value="⊞"/> <input type="button" value="v"/>
Server 3:	not.set	0	<input type="button" value="⊞"/> <input type="button" value="v"/>
Server 4:	not.set	0	<input type="button" value="⊞"/> <input type="button" value="v"/>
Server 5:	not.set	0	<input type="button" value="⊞"/> <input type="button" value="v"/>

Cancel

Save

## Approving Boosters

Once a Booster is setup on the network with the relevant FileWave Server details, it should then check-in with the server and be visible in the Booster section of the FileWave Central admin application software.

**i** As of FileWave 13.1.0, additional security and certificates were introduced, requiring the approval process.

Booster Pr... Requires Attention

Booster

Last checkin: now

⚠ Certificate Not Installed

⚙️ ✓

Discovery

⚠ Not Running

⚠ Not Configured

The approval process generates a certificate for the Booster. There are four ways to generate a certificate for a booster.

1. Select booster(s) in the Booster view → right-click → Create Certificate/Enroll Booster
2. Select booster(s) in the Booster view → Create Certificate/Enroll Booster (in the button bar)
3. Select booster(s) in the Booster Details → right-click → Create Certificate/Enroll Booster
4. Select booster(s) in the Booster Details → Create Certificate/Enroll Booster (in the button bar)

FileWave Admin

Model

Create Certificate

Booster Monitor

Configure Discovery

Start Discovery Scan

Stop Discovery Scan

Boosters

Booster Details

Discovery Results

Sort by: Device Name

☐ Reverse

☐ Without Valid Certificate

Dashboard

Clients

Filesets

Associations

Managing

Classroom

OS Inventory

License Management

Boosters

Inventory Queries

Sample Queries

All macOS 1

All Windows 1

All iOS 2

All Android 2

All Mobile 6

Chromebooks in d... 0

All Chromebooks 0

Booster Pr... Requires Attention

Booster

Last checkin: now

⚠ Certificate Not Installed

⚙️ ✓

Discovery

⚠ Not Running

⚠ Not Configured

NW Booster Inactive

Booster

Last checkin: 1 days ago

Active Connections: 0

Files Boosted: 2

Discovery

⚠ Not Running

⚠ Not Configured

### Booster Deletion

If a Booster were deleted from FileWave, this will revoke the certificate. If still running, on a subsequent check-in, the approval process should need to be re-actioned.

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