

# Firmware Upgrades

## This topic addresses the subject of firmware upgrades

We are doing our utmost to improve your Zebrix experience on the CMS but the devices on site (screens, players) are also subject to improvement over the years. Such improvement can be bug fixes, performance optimizations or even new features when supported by the hardware.

How are these improvements added to the devices ? by upgrading the firmware of the device.



**Firmware is like the inner operating system of any advanced electronic device**

Zebrix allows the remote installation of new firmware through the CMS. Whenever a new firmware is available, you can find it on the hardware tools of a Zebrix device (Player or Screen) :

The screenshot shows the 'Hardware Tools - cachetest Droite' interface. At the top, there are navigation tabs: Remote, Logs, Monitor, Properties, and Firmwares (which is highlighted with a red box). Below the tabs is a table of available firmwares. The table has columns for Name, Status, Description, and Action. The 'zebrix-player-firmware-20.06-01.zeb' entry is highlighted with a red box. It has a 'Stable' status tag and an 'Install' button. The description for this update is: 'New version of zebrix player firmware. Change log : (fix) zebrix player API problem that might cause disconnection of the player from the CMS and blackscreen'.

Name	Status	Description	Action
allow-iframe.zeb	Stable	This extensions will allow zebrix to display any web page in web zone even when the website has defined via "x-frame" that is shouldn't be possible. Please install this extension only if you know what you are doing. PLEASE NOTE: this extensions needs to be reinstall after firmware upgrade.	Install
ignore-https-certificate-errors.zeb	Test	This plugin will force zebrix web engine to ignore https certificate errors for web zone content. This option is useful for local web content that has an https certificate that is not or (can't be) signed by a valid CA (certification authority). WARNING: https certificates errors will be ignored, security might suffer! Please use this plugin only if you know what you're doing. THIS PLUGIN NEEDS TO BE RE-INSTALLED AFTER ANY FIRMWARE UPDATE.	Install
wifi-reconnect.zeb	Stable	ONLY IN CASE OF WIFI USAGE: this extension acts as a wifi watchdog that will check the status of the wifi connection every 10 minutes and insure the wifi connection is working properly. It will force the re-connection to the wifi network if required. As a last resort solution, if the re-connection fails for any reason, the external player will completely reboot (@ 6 am & 2 pm). Please install this extension only if you know what you are doing. PLEASE NOTE: this extensions needs to be reinstall after firmware upgrade. When installed on a player, a "+wr" will be append to firmware version.	Install
zebrix-player-firmware-20.06-01.zeb	Stable	New version of zebrix player firmware. Change log : (fix) zebrix player API problem that might cause disconnection of the player from the CMS and blackscreen	Install

Note the status of the update, the tag is green and marked as "stable" which indicates it has been thoroughly tested by our technical team and that it is safe to upgrade the firmware of the device.

## Here are a few tips about the firmware upgrades

From: <https://documentation.zebrix.net/> - zebrix documentation

Permanent link: [https://documentation.zebrix.net/doku.php?id=en:firmware\\_upgrades\\_-\\_good\\_practices&rev=1602660566](https://documentation.zebrix.net/doku.php?id=en:firmware_upgrades_-_good_practices&rev=1602660566)

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