

# Update Center

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Administrators can access the Update Center via **Administration > System > Update Center**. The Update Center is the place for keeping the SonarQube platform up to date. It lets you:

### See

- Installed plugins
- Plugin updates
- Other plugins that are compatible with your version of the platform
- Platform updates

### Install

- New plugins
- Plugin updates

To use most of these functions (other than listing currently installed plugins), your SonarQube server needs Internet access. Installations require the platform to be restarted before they take effect.

## Installed Plugins

This view displays the list of installed plugins and the list of system plugins. Upgrade availability is indicated inline with the addition of an *Upgrade* button, and plugins can be uninstalled by clicking on the *Uninstall* button.

Administration

Configuration ▾ Security ▾ Projects ▾ System ▾

### Update Center

Install, uninstall and delete plugins. You can also download SonarQube updates from the System Updates tab on this page.

**Installed** Updates Only Available System Upgrades 🔍 Search

<b>ABAP</b> Enable analysis and reporting on ABAP projects	3.2 installed	<a href="#">Homepage</a> <a href="#">Issue Tracker</a> Licensed under Commercial Developed by <a href="#">SonarSource</a>	<a href="#">Uninstall</a>
<b>Analysis Bootstrapper for Visual Studio Projects</b> Bootstraps the analysis from Visual Studio solution and project files.	1.2 installed	<a href="#">Homepage</a> <a href="#">Issue Tracker</a> Licensed under GNU LGPL 3 Developed by <a href="#">SonarSource</a>	<a href="#">Uninstall</a>
<b>Android</b> Import Android Lint reports.	1.1 installed	<a href="#">Homepage</a> <a href="#">Issue Tracker</a> Licensed under GNU LGPL 3 Developed by <a href="#">SonarSource</a> and <a href="#">Jerome Van Der Linden</a> , <a href="#">Stephane Nicolas</a> , <a href="#">Florian Roncari</a> , <a href="#">Thomas Bores</a>	<a href="#">Uninstall</a>

## Available Plugins

This view shows plugins available for your SonarQube version. They can be installed by a simple click on *Install*.

Administration  
 Configuration ▾ Security ▾ Projects ▾ System ▾

Update Center  
 Install, uninstall and delete plugins. You can also download SonarQube updates from the System Updates tab on this page.

Installed Updates Only Available System Upgrades 🔍 Search

<b>ABAP</b> Languages Enable analysis and reporting on ABAP projects	<b>3.2</b> 14 new rules, most of them designed to detect potential performance hotspots. ...	<a href="#">Homepage</a> <a href="#">Issue Tracker</a> Licensed under Commercial Developed by <a href="#">SonarSource</a>	<input type="checkbox"/> I accept the <a href="#">Terms and Conditions</a> <input type="button" value="Install"/>
<b>Android</b> External Analysers Import Android Lint reports.	<b>1.1</b> This plugin has been renamed "Android Lint" to prevent any misunderstanding about its purpose: an Android project can be analysed with the standard SonarQube Java plugin and this plugin just allows to import Android Lint reports if needed. This new version provides a default sqale mapping for the Android Lint rules and the ability to automatically execute lint has been dropped. ... Installing this plugin will also install: Java	<a href="#">Homepage</a> <a href="#">Issue Tracker</a> Licensed under GNU LGPL 3 Developed by <a href="#">SonarSource</a> and <a href="#">Jerome Van Der Linden</a> , <a href="#">Stephane Nicolas</a> , <a href="#">Florian Roncari</a> , <a href="#">Thomas Bores</a>	<input type="button" value="Install"/>

## System Updates

This view shows new SonarQube versions available, and any plugin changes that would be required for the upgrade (the vast majority of plugins maintain compatibility from one platform version to the next). Installation of new SonarQube versions is manual.

## Pending Operations

When taking an action in the update center (installing, updating or uninstalling a plugin), a yellow area appears at the top of the page showing pending operations that will be executed once SonarQube is restarted. Pending operations can be canceled until the server is restarted:

Administration  
 Configuration ▾ Security ▾ Projects ▾ System ▾

Update Center  
 Install, uninstall and delete plugins. You can also download SonarQube updates from the System Updates tab on this page.

SonarQube needs to be restarted in order to install 1 plugins
 Restart SonarQube directly from the UI

Installed Updates Only Available System Upgrades 🔍 AB

<b>ABAP</b> Languages Enables scanning of ABAP source files	<b>3.2.1</b> Bug fix release ...	<a href="#">Homepage</a> <a href="#">Issue Tracker</a> Licensed under Commercial Developed by <a href="#">SonarSource</a>	<input type="button" value="Install Pending"/>
<b>Android</b> External Analysers Provide the ability to import Android Lint reports	<b>1.1</b> This plugin has been renamed "Android Lint" to prevent any misunderstanding about its purpose: an Android project can be analysed with the standard SonarQube Java plugin and this plugin just allows to import Android Lint reports if needed. This new version provides a default sqale mapping for the Android Lint rules and the ability to automatically execute lint has been dropped. ... Installing this plugin will also install: Java	<a href="#">Homepage</a> <a href="#">Issue Tracker</a> Licensed under GNU LGPL 3 Developed by <a href="#">SonarSource</a> and <a href="#">Jerome Van Der Linden</a> , <a href="#">Stephane Nicolas</a> , <a href="#">Florian Roncari</a> , <a href="#">Thomas Bores</a>	<input type="button" value="Install"/>

## Using the Update Center behind a Proxy

Update Center uses HTTP(S) connections to external servers to provide these services. If SonarQube is located behind a proxy, additional information must be provided in the `SONAR_HOME/conf/sonar.properties` configuration file:

```

http.proxyHost=<your.proxy.host>
http.proxyPort=<yout.proxy.port>

#If proxy authentication is required
http.proxyUser=<your.proxy.user>
http.proxyPassword=<your.proxy.password>

```

**Note:** the same properties can be used in the 'https:' form for HTTPS connections

# Restart SonarQube

Restarting SonarQube can be done manually from the command line by running `sonar.sh restart` or directly from the UI :

- in the Update Center when you have Pending Changes, the restart button will be displayed in the yellow banner (see Pending Operations)
- in the [System Info](#) page at any time

## Manual Updates

If your server has no access to the internet, then you won't be able to rely on the **Update Center** for plugins, and will have to handle plugin installations and upgrades manually.

To know what plugins are available and which version of a plugin is appropriate for your server, use the [plugin version matrix](#), which is kept up to date with plugin availability and compatibility.

To install a plugin, simply download it using the manual download link on the plugin documentation page, place it in `[sonarqube-home]/extensions/downloads`, and restart the server.

## Which URLs does the Update Center connect to?

The SonarQube Update Center connects to <https://update.sonarsource.org> to get the list of plugins. Most of the referenced plugins are downloaded from:

- <https://sonarsource.bintray.com>
- <http://dist.sonarsource.com>
- <https://github.com>