

[2018-12-13] Change Log

- [New version of CQM \(2.0\) and Kiuwan Engine](#)
 - [Support for Apache Cordova framework](#)
 - [Support for ASP.NET Razor C# \(cshtml\)](#)

New version of CQM (2.0) and Kiuwan Engine



A **new version of CQM (2.0)** has been released.

Major changes are:

- **Support for Apache Cordova framework** (new rules, see section below)
- **Support for ASP.NET Razor for C#** (improved capabilities in detection of security vulnerabilities)
- **Priorities of Security rules have been reviewed**
- **Rules with Very-Low and Low priorities have been deactivated.**

CQM is the default Model (i.e. a concrete set of active and pre-configured rules):

- If you are using **CQM**,
 - **new priorities of security rules will be applied**
 - **low and very-low rules will not longer be active**
 - **new rules will automatically become active** and will be applied to new analyses
- If you are using your own **custom model**, **your model remains unchanged**, but *you can modify it and activate the new rules* (in case you want to be applied to your code).

You can find new rules by comparing this release of CQM against previous version. A detailed description of the behavior of these new rules is available in rule's description.



A **new version of Kiuwan Engine** has been released that incorporates **bug fixes, performance and reliability improvements in rules and parsers**.

Kiuwan Engine is the binary code executed when an analysis is run.

- **If the engine is not blocked** in your Kiuwan account, **the engine will upgrade automatically** to the last version of Kiuwan Engine once a new analysis is run
- **If the engine is blocked**, your kiuwan **engine will not be modified**.

Support for Apache Cordova framework

Apache Cordova is a mobile application development framework that enables software programmers to build applications for mobile devices using CSS3, HTML5, and JavaScript, instead of relying on platform-specific APIs like those in Android, iOS, or Windows Phone.

This new Kiuwan Engine provides support for **Apache Cordova** framework, including **new rules** that you can find selecting *Cordova* framework.

Specific rules addressed to Cordova:

- OPT.HTML.CORDOVA.ShouldUseContentSecurityPolicy
- OPT.JAVASCRIPT.CORDOVA.AvoidClickEvent
- OPT.JAVASCRIPT.CORDOVA.AvoidEnabledDebugMode
- OPT.JAVASCRIPT.CORDOVA.InsecureAndroidMinSdkVersion
- OPT.JAVASCRIPT.CORDOVA.TooBroadAccessOrigin
- OPT.JAVASCRIPT.CORDOVA.WhitelistPluginNotInstalled

Support for ASP.NET Razor C# (cshtml)

Razor is an ASP.NET programming syntax used to create dynamic web pages with the C# or VB.NET programming languages.

This new Kiuwan Engine provides **support for Razor ASP.NET for C#**, providing parsing facilities for **.cshtml** files.

By being able to process .cshtml files, C# security rules improve its capabilities to detect security vulnerabilities.