


CAST Report Generator - Release Notes - 1.13.x

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 **Summary:** this page describes the new features and bugs that have been fixed in CAST Report Generator 1.13.x.

Content matrix

Version	Summary of content	Comments
1.13.0	<ul style="list-style-type: none">• .NET Core 3.0.x required• New report templates for security standards to display more violations	Can be used with: <ul style="list-style-type: none">• CAST-RESTAPI 1.12.x

Component documentation

- [Components documentation for Report Generator 1.13.0](#)
 - [Text components available for Report Generator 1.13.0](#)
 - [Graph components for Report Generator 1.13.0](#)
 - [Table components for Report Generator 1.13.0](#)
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1.13.0-funcrel

Resolved issues

No customer bugs reported for fix in this release.

Updates

Report Generator CLI tool updates

 See [CAST Report Generator](#) for more information.

CLI tool name change

The Report Generator CLI tool has been renamed in **1.13.0** as follows, therefore you should update any batch files that you routinely use:

Previous name	New name
CastReporting.Console.exe	CastReporting.Console.Core.exe

Return codes updated

CLI tool return codes have been updated in **1.13.0** to show positive numbers instead of negative:

Previous code	New code	
0	0	Report successfully generated
-1	1	Bad arguments given to the Report Generator
-2	2	Web service cannot be accessed or is badly configured
-3	3	Report failed

1.13.0-beta2

Resolved issues

No customer bugs reported for fix in this release.

Updates

Microsoft Excel compliance report improvements

Microsoft Excel compliance reports have been improved in comparison to the same reports provided in beta1.

Custom Expressions

The **CUSTOM_EXPRESSIONS** parameter added for various components types in **1.12.0** have been updated and now function correctly when any language is selected in the GUI using [Settings > Language](#).

Table component updates

- **QUALITY_STANDARDS_EVOLUTION**, options added:
 - **EVOLUTION=true|false** to display added and removed violations columns. By default or if it does not exist, this is set to **true** if there is a previous snapshot.
 - **HEADER=NO** to not display headers (useful for Excel reports when you want to define your own customized headers). By default if the option is not present or set to something other than NO, headers are displayed.
- **LIST_RULES_VIOLATIONS_BOOKMARKS**, options added:
 - **WITHCODELINES = Y|N**, by default (or option not present) source code is displayed, if you don't want to see it, set this option to **N**.
 - **HEADER=NO** to not display headers (useful for Excel reports when you want to define your own customized headers). By default if the option is not present or set to something other than NO, headers are displayed to not display source content.
- **QUALITY_TAGS_RULES_EVOLUTION**, options added:
 - **DESC=true|false**. For display rationale, description and remediation of the rule. By default or if it does not exist, it is set to **false**.
 - **HEADER=NO** to not display headers (useful for Excel reports when you want to define your own customized headers). By default if the option is not present or set to something other than NO, headers are displayed.
- **RULE_IMPROVEMENT_OPPORTUNITY**, options added:
 - **CRITICAL=Y|N** - add this option to add a column displaying whether the rule is flagged as critical or not
- **RULES_LIST_STATISTICS_RATIO**, options added:
 - **DESC=true|false**. For display rationale, description and remediation of the rule. By default or if it does not exist, it is set to **false**.
 - **HEADER=NO** to not display headers (useful for Excel reports when you want to define your own customized headers). By default if the option is not present or set to something other than NO, headers are displayed.
 - **EVOLUTION=true|false** to display added and removed violations columns. By default or if it does not exist, this is set to **true** if there is a previous snapshot.

New table components

- **LIST_RULES_VIOLATIONS_BOOKMARKS_TABLE** for Excel reports to list violations with bookmarks without source code for a list of rules by Business Criteria/Technical Criteria/Rule/Quality Standards tags.
 - **METRICS=**List of metrics id (Business Criteria, Technical Criteria or Rule) or quality standards tags separated by '|'.
 - **CRITICAL=true** : add this option if you have selected a Business Criteria or a Technical Criteria and want only critical rules to be selected (by default this is set to false). This option has no effect on selection by rule or quality standard tag.

- **COUNT=N** where N indicates the top number of violations ; by default 5 (-1 correspond to all violations). All bookmarks of a violation are displayed.
- **HEADER=NO** to not display headers (useful for Excel reports when you want to define your own customized headers). By default if the option is not present or set to something other than NO, headers are displayed.

1.13.0-beta1

Resolved issues

No customer bugs reported for fix in this release.

Updates

.NET Core 3.0.x required

This release of **Report Generator** and **Report Generator for Dashboards** require a **manual installation of .NET Core 3.0.x (minimum)**

Application	Minimum SDK or runtime required?	Notes
Report Generator	.NET Core 3.0.x SDK	The .NET Core 3.0.x SDK should be manually installed BEFORE or AFTER running the Report Generator setup installer (the setup installer will not install this for you). See CAST Report Generator - Installation process for more details.
Report Generator for Dashboards	.NET Core 3.0.x runtime	Previous releases of Report Generator for Dashboards already required the .NET Core 2.0.x runtime , therefore if the .NET Core 3.0.x runtime is not already present on the machine, this new release of .NET Core must be installed before using Report Generator for Dashboards. See CAST Report Generator - CAST Report Generator for Dashboards for more details.



Future releases of **CAST Report Generator / Report Generator for Dashboards** will require **.NET Core 3.1.x** due to the **end-of-life of .NET Core 3.0.x** scheduled for **3rd March 2020**, therefore CAST recommends installing **.NET Core 3.1.x** to avoid the need to re-install .NET Core in the future.

Note that if Report Generator GUI does not launch, or a .NET error message is displayed when attempting to launch it, this usually means that the required release of .NET Core is not installed on the machine (either nothing is installed at all, or the wrong type is installed e.g. runtime vs SDK).

New report templates

New report templates for specific security standards such as CISQ and CWE have been introduced in this beta release for **Microsoft Word** and **Excel** specifically to display **more violations**:

- **Microsoft Word templates** - violations limited to 50 in this beta. These reports are typically named "**Detailed Report**", e.g.: **CISQ Detailed Report.docx**
- **Microsoft Excel templates** - all violations displayed. These reports are typically named "**Full Detailed Report**" e.g.: **CISQ Security Full Detailed Report.xlsx**.



With regard to the Microsoft Excel report templates listed in this release:

- these templates are not the final version that will be delivered in 1.13.0-funcrel - they will undergo further work and improvement.
- when using these Microsoft Excel templates on Applications containing a significant number of violations, processing time may also be significant. In some cases, you may need to increase:
 - the [timeout setting for the RestAPI](#) (set to 15 minutes by default)
 - the [timeout setting for Report Generator actions](#) (set to 10 minutes by default)

The following table lists all the templates available in this release. The column **Comments** provides information about the changes applied:

Location	Report Name	CAST-RestApi minimum version	Quality Standard Mapping extension minimum version	Comment
Portfolio\Portfolio component library	1- Portfolio-Powerpoint-components-library.pptx	1.8.0	N/A	
Portfolio\Portfolio component library	2- Portfolio-Word-components-library.docx	1.8.0	N/A	

Portfolio\Portfolio component library	Portfolio Generic Graph Definition.docx	1.10.0	20181030	
Portfolio\Portfolio component library	Portfolio Generic Table Definition.pptx	1.10.0	20181030	
Application\Component library	1- Powerpoint-components-library.pptx	1.12.0	20190909	
Application\Component library	2- Word-components-library.docx	1.12.0	20190909	
Application\Component library	3- Excel-components-library.xlsx	1.12.0	20190909	
Application\Component library	Generic Graph Definition.docx	1.10.0	20181030	
Application\Component library	Generic Graph Definition.pptx	1.10.0	20181030	
Application\Component library	Generic Table Definition.docx	1.10.0	20181030	
Application\Component library	Generic Table Definition.pptx	1.10.0	20181030	
Application\Compliance reports	CISQ Compliance Report.docx	1.12.0	20190916	
Application\Compliance reports	CISQ Detailed Report.docx	1.12.0	20190916	New
Application\Compliance reports	CISQ Full Detailed Report.xlsx	1.12.0	20190916	New
Application\Compliance reports	CISQ Security Compliance Report.docx	1.12.0	20190916	
Application\Compliance reports	CISQ Security Detailed Report.docx	1.12.0	20190916	New
Application\Compliance reports	CISQ Security Full Detailed Report.xlsx	1.12.0	20190916	New
Application\Compliance reports	CWE (2011) Top 25 Compliance Report.docx	1.12.0	20190916	
Application\Compliance reports	CWE (2011) Top 25 Detailed Report.docx	1.12.0	20190916	New
Application\Compliance reports	CWE (2011) Top 25 Full Detailed Report.xlsx	1.12.0	20190916	New
Application\Compliance reports	CWE (2019) Top 25 Compliance Report.docx	1.12.0	20190916	
Application\Compliance reports	CWE (2019) Top 25 Detailed Report.docx	1.12.0	20190916	New
Application\Compliance reports	CWE (2019) Top 25 Full Detailed Report.xlsx	1.12.0	20190916	New
Application\Compliance reports	CWE Compliance Report.docx	1.12.0	20190916	
Application\Compliance reports	CWE Detailed Report.docx	1.12.0	20190916	New
Application\Compliance reports	CWE Full Detailed Report.xlsx	1.12.0	20190916	New
Application\Compliance reports	NIST-SP800-53R4 Compliance Report.docx	1.12.0	20190909	
Application\Compliance reports	NIST-SP800-53R4 Detailed Report.docx	1.12.0	20190909	New
Application\Compliance reports	NIST-SP800-53R4 Full Detailed Report.xlsx	1.12.0	20190909	New
Application\Compliance reports	OMG-ASCQM Compliance Report.docx	1.12.0	20190916	
Application\Compliance reports	OMG-ASCQM Detailed Report.docx	1.12.0	20190916	New
Application\Compliance reports	OMG-ASCQM Full Detailed Report.xlsx	1.12.0	20190916	New
Application\Compliance reports	OMG-ASCQM Security Compliance Report.docx	1.12.0	20190916	

Application\Compliance reports	OMG-ASCQM Security Detailed Report.docx	1.12.0	20190916	New
Application\Compliance reports	OMG-ASCQM Security Full Detailed Report.xlsx	1.12.0	20190916	New
Application\Compliance reports	OWASP-2013 Compliance Report.docx	1.12.0	20190916	
Application\Compliance reports	OWASP-2013 Detailed Report.docx	1.12.0	20190916	Updated
Application\Compliance reports	OWASP-2013 Full Detailed Report.xlsx	1.12.0	20190916	New
Application\Compliance reports	OWASP-2017 Compliance Report.docx	1.12.0	20190916	
Application\Compliance reports	OWASP-2017 Detailed Report.docx	1.12.0	20190916	Updated
Application\Compliance reports	OWASP-2017 Full Detailed Report.xlsx	1.12.0	20190916	New
Application\Compliance reports	PCI-DSS-V3.1 ComplianceReport.docx	1.12.0	20190916	
Application\Compliance reports	PCI-DSS-V3.1 Detailed Report.docx	1.12.0	20190916	New
Application\Compliance reports	PCI-DSS-V3.1 Full Detailed Report.xlsx	1.12.0	20190916	New
Application\Compliance reports	OWASP-Mobile-2016 Compliance Report.docx	1.12.0	20190916	
Application\Compliance reports	OWASP-Mobile-2016 Detailed Report.docx	1.12.0	20190916	New
Application\Compliance reports	OWASP-Mobile-2016 Full Detailed Report.xlsx	1.12.0	20190916	New
Application\Compliance reports	STIG V4R8 Compliance Report.docx	1.12.0	20190916	
Application\Compliance reports	STIG V4R8 Detailed Report.docx	1.12.0	20190916	Updated
Application\Compliance reports	STIG V4R8 Full Detailed Report.xlsx	1.12.0	20190916	New
Application\Legacy reports	Assessment-sample1.docx	1.8.0	N/A	
Application\Legacy reports	Assessment-sample2.docx	1.8.0	N/A	
Application\Legacy reports	Assessment-Security1.docx	1.8.0	N/A	
Application\Legacy reports	Assessment-Security2.docx	1.8.0	N/A	
Application\Legacy reports	Executive-summary.docx	1.8.0	N/A	
Application\Legacy reports	Executive-summary-sample1.pptx	1.8.0	N/A	
Application\Legacy reports	Executive-summary-sample2.pptx	1.8.0	N/A	
Application\Sizing reports	AEP-sample-Template.xlsx	1.9.0	N/A	
Application\Sizing reports	Function-points-sample.xlsx	1.8.0	N/A	
Application\Legacy reports	Result-presentation-fr-sample2.pptx	1.8.0	N/A	
Application\Legacy reports	Result-presentation-sample1.pptx	1.8.0	N/A	