

Release Notes - CAST Security Dashboard - 1.16.x

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 **Summary:** This page describes the new features and bugs that have been fixed in the CAST Security Dashboard Package 1.16.x.

Content matrix

Version	Summary of content	Comments
1.16.x	<ul style="list-style-type: none"> • Customer bug fixes • Parameter values in App Investigation and Transaction investigation page • Module search added to Advanced Search view • Report Generator (1.14.0) templates in Dashboard • Remove Solved violations from the Action Plan • Add Architecture Model graphical representation and tile 	Can be used with: <ul style="list-style-type: none"> • 8.3.3
Internal ID	Summary	Affects Version/s
DASHBOARDS-1995	22060 Advanced search is not working for technology c++	1.13.2
DASHBOARDS-1960	21900 Unable to generate "List of new violation" Report from Dashboard	8.3.16
DASHBOARDS-1950	21944 The application still missing from Dashboard after API call with dashboard 1.14.0	1.14.0
DASHBOARDS-1919	21771 Action plan details displayed in lowercase in dashboard	1.13.2
DASHBOARDS-1855	21495 HTML tags not evaluated into the rule description (Dashboard)	1.13.2
DASHBOARDS-1834	16095 A Rest API query to pull out all violations from the last snapshot is Dashboard cannot be completed & is impacting all Tomcat application	None
DASHBOARDS-1573	20283 Dashboard is showing 20 digits for each percentage in the tooltip	1.12.0
DASHBOARDS-1921	21792 In Dashboard, Action Plan, how do we clear the solved items?	1.14.0
DASHBOARDS-2055	- Display Technical criteria name prefix in Dashboard	1.12.0
DASHBOARDS-2041	- Rule filter is getting highlighted after removing all violations	1.14.0
DASHBOARDS-2015	- The action plan table is empty if you search for an object with a single keyword and clear the search field.	1.15.0
DASHBOARDS-1994	- Violation selection should be disabled for quality manager role in active exclusion view	1.15.0
DASHBOARDS-1989	- The error message is getting displayed multiple time when sorting the columns	1.15.0
DASHBOARDS-1639	- Incorrect violation count displays in action plan view if you delete all the violations in the last page	1.13.0

Updates

DASHBOARDS-1999: Parameter values in App Investigation and Transaction investigation page

Clicking a **Rule** displays the **Parameter details** section in the **App Investigation view** and **Transaction Investigation view**. This section displays the parameter name, technology, and value for the selected rule.

Parameter details		
NAME	TECHNOLOGY	VALUE
Maximum Line Count	ABAP	100
Maximum Line Count	Cobol	1000

The parameter detail section also displays the data for a selected rule when no violations exist. This section displays a message "No parameter details available" if the selected rule does not have parameter details:

Parameter details		
No parameter details available		

DASHBOARDS-1983: Module search added to Advanced Search view

A **Module search** option is now available in the **Advanced Search view**:

Modules	
Contain	
<input type="checkbox"/>	ALL MODULES
<input type="checkbox"/>	Cast.Util.Log_7775f6c4/RGTest/main_sources content
<input type="checkbox"/>	Cast.Util_73d0fd45/RGTest/main_sources content
<input type="checkbox"/>	CastReporting.BLL.Computing_c6b80236/RGTest/main_sources content
<input type="checkbox"/>	CastReporting.BLL_e80a2ed2/RGTest/main_sources content
<input type="checkbox"/>	CastReporting.Console_506cbb2e/RGTest/main_sources content
<input type="checkbox"/>	CastReporting.Domain_b84c983e/RGTest/main_sources content

DASHBOARDS-1996: Add Report Generator (1.14.0) templates to Dashboard

The following new report templates have been added to the **Security Reports** option:

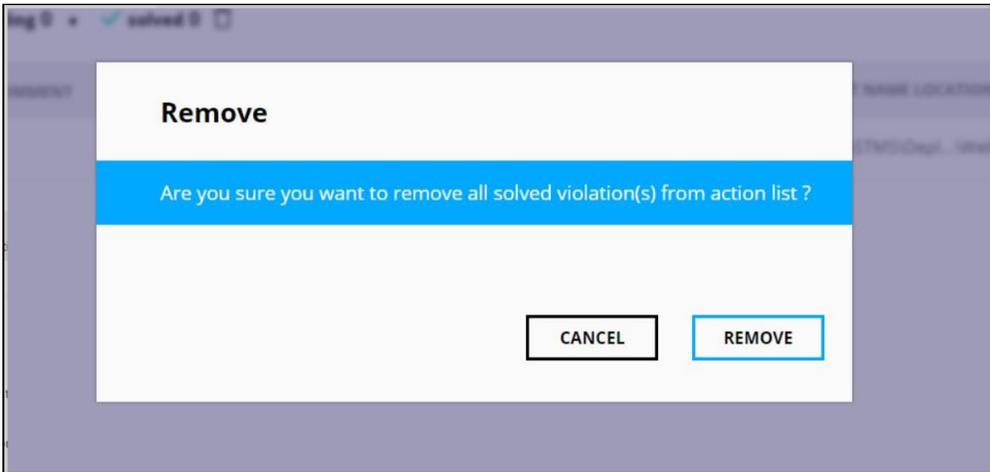
- C-CPP Standards Compliance Report
- C-CPP Standards Detailed Report
- OWASP-API-2019 Compliance Report
- OWASP-API-2019 Detailed Report
- PCI-DSS-V3.2.1 Compliance Report
- PCI-DSS-V3.2.1 Detailed Report

DASHBOARDS-1998: New option to remove Solved violations from the Action Plan

An option to remove **Solved** violations has been added. Click the delete icon:



A confirmation dialog box is displayed.

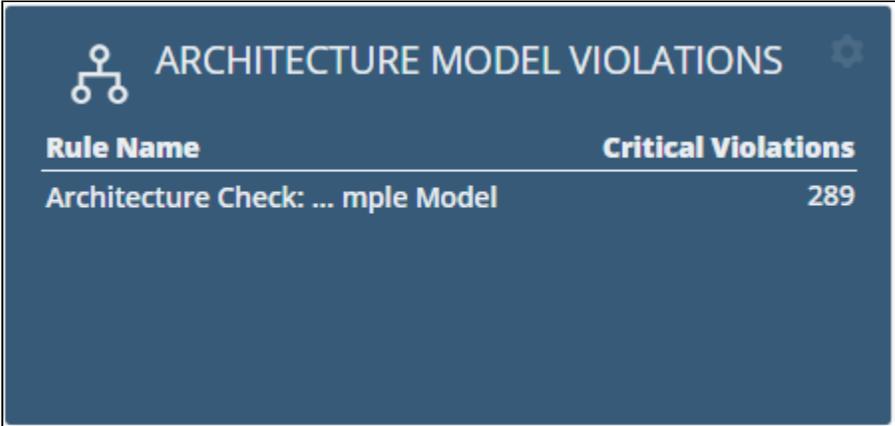


If there is no solved violation, the icon will be disabled.



DASHBOARDS-2049: Architecture model violation tile in the Dashboard

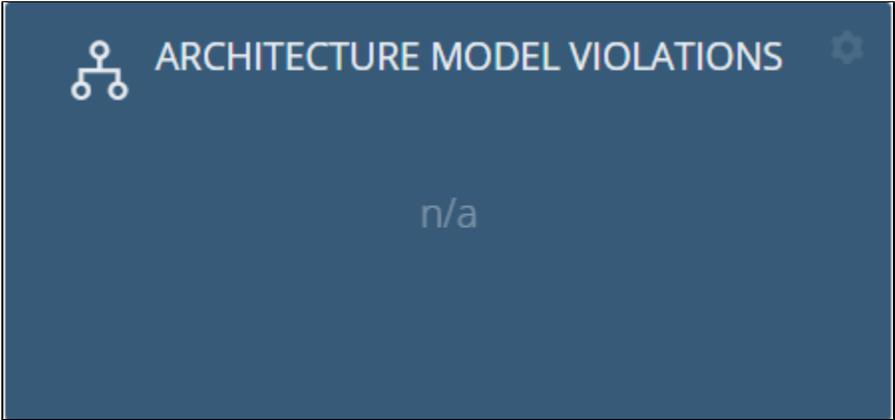
The Architecture Model tile (not available out of the box) displays all **Architecture Models** that have been assigned to the Application and checked during the snapshot. The tile displays the number of violations/critical violations (depending on the configuration of the **criticalsRulesOnly** parameter in the tile configuration) per Architecture Model. Clicking an Architecture Model rule will drill down and display the details of the selected rule in the **Risk Investigation page**.



ARCHITECTURE MODEL VIOLATIONS

Rule Name	Critical Violations
Architecture Check: ... mple Model	289

In a snapshot, if there is no data for architecture rule then it is displayed as "n/a".



ARCHITECTURE MODEL VIOLATIONS

n/a

Architecture Rule will not be available for the previous snapshot.



ARCHITECTURE MODEL VIOLATIONS

Data currently not available

This tile should be configured in the panel section of the profile (see **Security Dashboard tile management** for more details):

```

{
  "type": "ArchitectureModel",
  "parameters": {
    "business": 60016,
    "criticalsRulesOnly": false
  },
  "color": "pale-blue",
  "col": 3,
  "row": 10,
  "sizeX": 2,
  "sizeY": 1,
  "min-sizeX": 2,
  "min-sizeY": 1,
  "max-sizeX": 4,
  "max-sizeY": 4
},

```

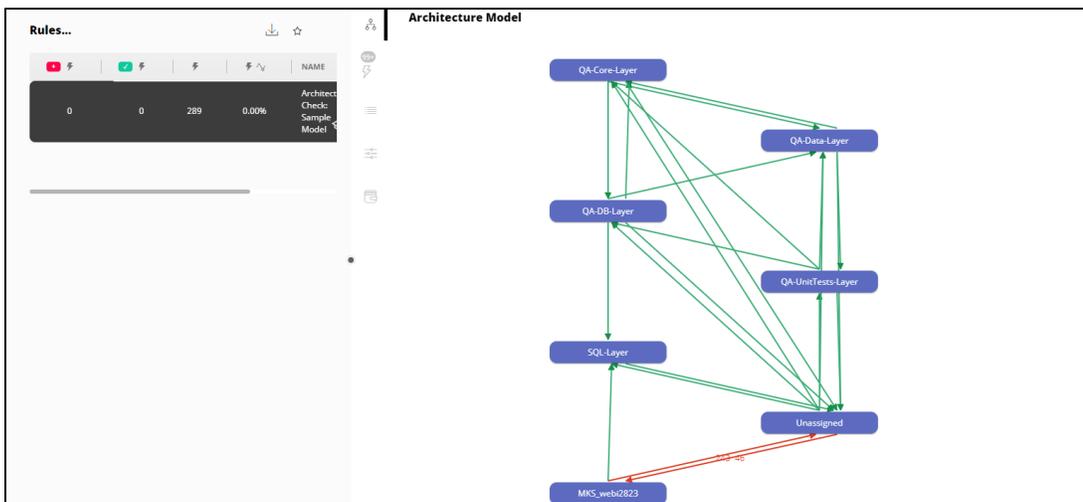
DASHBOARDS-1693: Architecture Models graphical implementation in Dashboard

A new section called **Architecture Model** has been added to the **Risk Investigation view**. It is an interactive graphical representation of the violation of the model.

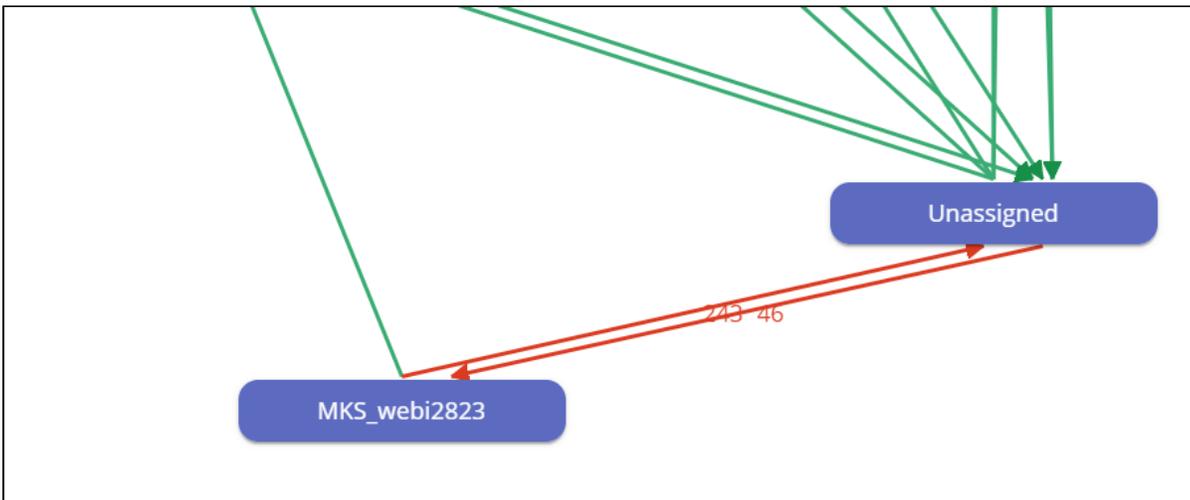
The diagram displays:

- The allowed layers dependencies as green arrows
- The forbidden layers dependencies as red arrows

For each red arrow, the number of violations is displayed. The section will be selected by default instead of the violation section.



The nodes are movable, the user can drag and place in the desired position. For each red arrow, the number of violations is displayed.



When the user clicks on a red arrow, a list of violations is displayed for the objects in violations between the two layers. This is a distinct list of the default view, which contains all the objects in violations irrespective of the layer dependencies. Users can also use the red arrow (click on the red arrow) to refresh the violation table and view the count of distinct violations between the selected layers and the total violation count.

<input type="checkbox"/>		OBJECT NAME LOCATION	RISK	STATUS	
<input type="checkbox"/>		[E:\CASTMS\Deploy4104\Architec ... \base\model\CurrencyRates.java].CurrencyRates	n/a	Unchanged	
<input type="checkbox"/>		[E:\CASTMS\Deploy4104\Architec ... ster_event\base\model\Customer.java].Customer	n/a	Unchanged	
<input type="checkbox"/>		[E:\CASTMS\Deploy4104\Architec ... onster_event\base\model\Monster.java].Monster	n/a	Unchanged	

This section display is only for the rule which has architecture model data, when there are no layers it will display a message "No layers available".

Architecture Model

No layers available.

Violations

<input type="checkbox"/>		OBJECT NAME LOCATION	RISK	STATUS
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No Violations found

DASHBOARDS-2005: Filter impacted object with violations section based on critical/non-critical

By selecting the **filter as a critical or non-critical filter**, the user can see the violation count of an object based on critical or non-critical violations.



Impacted objects with violations				 
NAME	STATUS	#VIOLATIONS		
canvasm.myo2.logging.L.e	Unchanged	1	 	
canvasm.myo2.utils.StringUtils.Compress	Unchanged	1	 	
canvasm.myo2.ut ... s.StringUtils.convertStreamToString	Unchanged	1	 	
canvasm.myo2.utils.StringUtils.Decompress	Unchanged	1	 	
canvasm.myo2.ut ... ls.StringUtils.LoadStringFromAssets	Unchanged	1	 	