

1.19

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Content matrix

Version	Summary of content	Comments
1.19	<ul style="list-style-type: none"> • GUI updates • Implement CISQ Technical Debt in SD Risk Investigation View 	Can be used with: <ul style="list-style-type: none"> • 8.3.3

Resolved issues

Internal ID	Ticket ID	Summary	Affects Version/s
DASHBOARDS-2400	23719	Filter and sort does not work together correctly	1.17.0
DASHBOARDS-2349	23348	'Score' column not showing up in the dashboard	1.17.0
DASHBOARDS-2286	23188	Dashboard should display appropriate error message when one of the snapshot in central is not successful	1.16.0
DASHBOARDS-2285	-	Manage semicolon in RestAPI	1.17.0
DASHBOARDS-2510	-	Excel download is not working in violations table	1.19.0
DASHBOARDS-2478	-	Action plan/Exclusion - drill-down from violation table is not working with New pagination implementation	1.19.0
DASHBOARDS-2469	-	"Check for updates" - version message showing wrongly when current and latest version both are same	1.18.0
DASHBOARDS-2408	-	AIP assessment model is selected when drill down from industry standard tile	1.18.0
DASHBOARDS-2348	-	SD Optimization: Load default locale translations file, and load other locale translations file on language change accordingly	1.18.0

Updates

SD Action Plan View: Move Object Search to Table header

Object search in Action plan Table has been moved to table header. There is an icon for search in the "OBJECT NAME LOCATION" section in the table header and the search functionality is same as before. The icon behaves as toggle button to open and close the search input field and there is a close button to clear the search input.

The screenshot shows a table header with columns: PRIORITY, STATUS, COMMENT, RULE, OBJECT NAME LOCATION, and LAST UPDATE. The 'OBJECT NAME LOCATION' column contains a search icon (magnifying glass) and a search input field. The table body shows a row with 'Moderate' priority, 'Added' status, 'adding' comment, 'Architecture Check: Sample Mo...' rule, and a file path in the 'OBJECT NAME LOCATION' column.

The screenshot shows the same table header as above, but with the search input field containing the text 'web'. The search icon is now active, and the table body shows a row with 'Moderate' priority, 'Added' status, 'adding' comment, 'Architecture Check: Sample Model' rule, and a file path in the 'OBJECT NAME LOCATION' column.

Implement CISQ Technical Debt in Security Dashboard Risk Investigation View

You may create Technical Debt tile in the Security Dashboard, to display Total Added and Removed OMG Tech Debt, and the total number of days



Tile can be configured as below in **ed.json** file (formerly ced.json).

```
{
  "type": "OMGTechnicalDebt",
  "parameters": {
    "business": "1062100"
  },
  "color": "pale-blue",
  "col": 6,
  "row": 1,
  "sizeX": 2,
  "sizeY": 1,
  "min-sizeX": 1,
  "min-sizeY": 1,
  "max-sizeX": 1,
  "max-sizeY": 2
},
```

Click on the AUTOMATED TECHNICAL DEBT tile. It will drill down to risk investigation page with CISQ assessment model selected, also the view will be selected as "Technical Debt (OMG)", as shown in the below screen.

The screenshot shows the CISQ Security dashboard. At the top, there are tabs for "Technical Debt (OMG)" and "CISQ Assessment Mod...". Below the tabs, there are two main sections: "CISQ" and "Technical Criteria".

CISQ

+	+	+	+	CISQ
+34.6	0	35.1	+59%	Security Technical Debt (OMG)

Technical Criteria

+	+	+	+	TECHNICAL CRITERION	
n/a	n/a	n/a	n/a	All Rules...	n/a
+24.4	0	24.4	+56%	ASCSCM -CWE-397 - Declaration of Throws for Generic Exception	5
+10.0	0	10.0	+186%	ASCSCM -CWE-681 - Numeric Types Incorrect Conversion	5
+0.2	0	0.7	+40%	ASCSCM -CWE-99 - Name or Reference Resolution Improper Input Neutralization	5

Security Technical Debt (OMG)

Technical Debt(OMG) is calculated as the amount of effort required to fix the structural quality problems in an application that, if left unfixed, put the business at serious risk. Like financial debt, Technical Debt incurs interest in the form of the extra effort it takes to maintain and enhance an application due to the structural quality flaws in the code.

Technical Debt(OMG) follows the OMG specification. For more information on the specification, please visit [link](#).

For documentation, please visit [link](#).

You can switch to the CISQ Assessment Model violation view from the drop-down list.

Technical Debt (OMG) [dropdown arrow]

- Select view as
- Violations
- Technical Debt (OMG)

In Rules Details, "Technical Debt (OMG)" section is added (as shown in the below screen), which shows the details about rules (Total, Added, Removed, and number of occurrences).

Technical Debt(OMG)
×

TOTAL (IN DAYS)	ADDED (IN DAYS)	REMOVED (IN DAYS)	NO OF OCCURRENCES
10.0	10.0	0.0	14

Documentation

Technical Debt(OMG) is calculated as the amount of effort required to fix the structural quality problems in an application that, if left unfixed, put the business at serious risk. Like financial debt, Technical Debt incurs interest in the form of the extra effort it takes to maintain and enhance an application due to the structural quality flaws in the code.

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In the source code view, a new section list is added with icons on left, which represents the sections "Source Code" and "Technical Debt (OMG)" respectively. Clicking on the "Technical Debt (OMG)" icon, the scroll focus will be in the "Technical Debt (OMG)" section, where the object level details of Adjustment Factor, UNADJUSTED EFFORT (IN MINS) and ADJUSTED EFFORTS (IN MINS) are displayed.

Technical Debt(OMG)
×

UNADJUSTED EFFORT (IN MINS)	ADJUSTMENT FACTOR	ADJUSTED EFFORT (IN MINS)
50	1	50

Adjustment Factor

NAME	VALUE
Occurrence technological diversity	1
Occurrence complexity overhead	0
Occurrence exposure overhead	0
Occurrence sharing opportunity	1
Occurrence gap size	1