

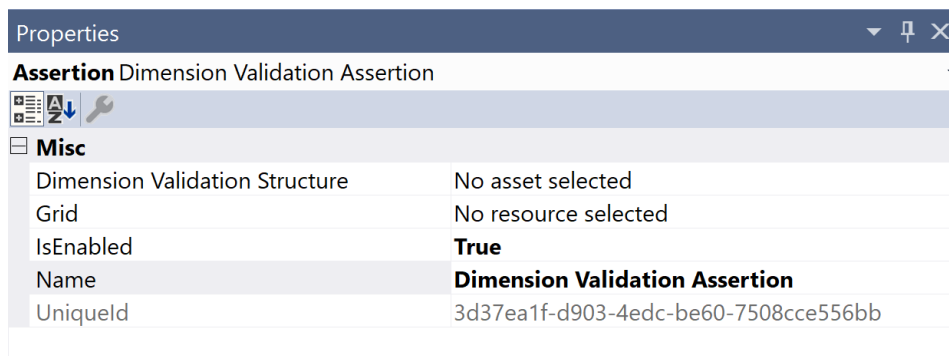
# Data Management Asserts

Last Modified on 15 February 2022

**EOL:** SentryOne Test will reach its [end of life](#) date on June 15, 2022. See the [Solarwinds End of Life Policy](#) for more information.

Data Management asserts allow for a quick and easy way to compare and validate data. These asserts can compare large amounts of data with one simple assert.

## Dimension Validation




The screenshot shows a 'Properties' window for a 'Dimension Validation Assertion'. The window title is 'Properties' and it has standard window controls. Below the title bar, the text 'Assertion Dimension Validation Assertion' is displayed. There are several icons in a toolbar, including a list, a document, a key, and a lock. A 'Misc' section is expanded, showing a table of properties:

Misc	
Dimension Validation Structure	No asset selected
Grid	No resource selected
IsEnabled	<b>True</b>
Name	<b>Dimension Validation Assertion</b>
Uniqueld	3d37ea1f-d903-4edc-be60-7508cce556bb

Function	Description
<b>Dimension Validation Structure</b>	Defines the grid validation rules.
<b>Grid</b>	The grid resource that's validated.





## Grid Comparison

Icon	Description
	The <b>Grid Comparison</b> assert compares two grids, and expects both sides to be equal. You can specify different criteria for the comparison.

## Grid Comparison Editor

Properties ▼ ↑ ×

**Assertion** Grid Comparison ▼

**Misc**

Actual Results Grid	No resource selected
Comparison manifest asset	No asset selected
Difference log maximum size	200
Expected Results Grid	No resource selected
Ignore actual-only rows	False
Ignore aggregates	False
Ignore different rows	False
Ignore expected-only rows	False
IsEnabled	<b>True</b>
Name	<b>Grid Comparison</b>
Send equal rows to results server	False
Test output message row limit	10
UniqueId	a2422947-624c-48a5-8469-0253c514b1a1

Function	Description
<b>Difference log maximum size</b>	The maximum number of rows to send to the SentryOne Test Web Portal if the test group is configured to send results to the server.
<b>Ignore aggregates</b>	Specifies whether to ignore aggregate comparisons.
<b>Ignore different rows</b>	Specifies whether to ignore rows that differ.
<b>Ignore expected-only rows</b>	Specifies whether to ignore rows only appearing in the expected grid.
<b>Ignore actual-only rows</b>	Specifies whether to ignore rows only appearing in the actual grid.
<b>Include equal rows</b>	Specifies if rows that match are sent to SentryOne Test. By default, only rows that differ or exist on only one side of the comparison are sent.
<b>Expected results grid</b>	The grid of <b>expected</b> results, the result set that we want our test to match. A previous action loads the grid to a specific resource key.
<b>Comparison manifest asset</b>	The comparison manifest asset that determines the items to compare.
<b>Actual results grid</b>	This is the grid of <b>actual</b> results, the result set that our test produced. A previous action should load the grid to a specific resource key.
<b>Test output message row limit</b>	Specifies the number of detail rows to include in the error message.

## Grid Validation

Icon	Description

Icon



### Description

The **Grid Validation** assert is used with a **Validation Manifest**. The assertion uses the rules outlined in the **Validation Manifest** and runs the asserts to validate the grid.

## Grid Validation Assertion Editor

Properties

**Assertion** Grid Validation Assertion

**Misc**

Failure Row Limit	50
Grid	No resource selected
Grid Validation Manifest	No asset selected
IsEnabled	<b>True</b>
Name	<b>Grid Validation Assertion</b>
Test output message row limit	10
UniqueId	76049a12-872d-49da-a072-ea0b1d7ffc0d

Function	Description
<b>Grid</b>	The grid you want to run the validation against.
<b>Grid Validation Manifest</b>	The validation manifest containing the validation rules used in the assert.