

SentryOne Test Web Portal Notification Subscription Filters

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.

SentryOne Test Subscription Filters

You can add filter expressions to SentryOne Test Subscriptions on the Create Subscription page.

The screenshot shows the 'Create Subscription' form. The 'Subscription Name' field contains 'Comparison Test Subscription'. The 'Enabled' checkbox is unchecked. The 'Event Type' dropdown is set to 'LegiTest.TestObjectPassed', with a description 'A LegiTest test object has passed' and a 'View Sample Event Schema' link. Under the 'Filters' section, there is a 'Hide Filters' button with a downward arrow icon. Below this, a text box displays the filter expression: `[Size] > 50000`
`[DateModified] BETWEEN '2017/01/01' AND '2017/02/01'`
`[CustomerName] LIKE 'Fred%' AND [OrderComplete] != 1`

Hide subscription filters by selecting the **Hide Filters** button.

This screenshot shows the 'Create Subscription' form with the filters hidden. The 'Subscription Name' is 'Comparison Test Subscription', 'Enabled' is unchecked, and 'Event Type' is 'LegiTest.TestObjectPassed'. The 'Filters' section now shows a 'Show Filters' button with an upward arrow icon. Below the filters, there is a section for target actions with the text 'Configure the target actions to take when this subscription is triggered. At least 1 target must be configured for the subscription to be active.' and a 'Target 1' button with a star icon. A dark grey banner at the bottom of the form area reads 'Filters Hidden'.

Selecting the  button displays the following explanation of Filters in SentryOne Test :

Filter Expressions

Filter expressions are very similar to SQL **WHERE** clauses. You can enter text that refers to column names and uses operators to compare with other columns or static values. Filter expressions also support combinational logic using **AND/OR**.

Samples

[Size] > 50000

```
[DateModified] BETWEEN '2017/01/01' AND '2017/02/01'
```

```
[CustomerName] LIKE 'Fred%' AND [OrderComplete] != 1
```

Available Operators

Filter Operator	Description
=	Equals
!=	Not Equal
<>	Not Equal
>	Greater Than
>=	Greater Than Or Equal To
<	Less Than
<=	Less Than Or Equal To
!>	Not Greater Than
!<	Not Less Than
LIKE	Value matches SQL-style string pattern
NOT LIKE	Value does not match SQL-style string pattern
BETWEEN	Value falls between [x] and [y]
NOT BETWEEN	Value does not fall between [x] and [y]
IS NULL	Value is null
IS NOT NULL	Value is not null

Combinational Operators

AND/OR can be used to combine expression clauses, and parenthesis can be used to group clauses.

```
[a] = 5 AND [b] = 2 AND [c] = 9
```

```
[a] > 1 AND ([b] > 10 OR [c] > 20)
```

Static value formatting

Values are formatted as they would be in SQL. Strings, GUIDs and Date/Time values are enclosed in quotes, Boolean values are 0 or 1 and numeric values are represented naturally.

Value	Example
String	'a string'
GUID	'6264E1FD-D1DA-49B2-977E-5BAD05BCAC9D'
Date/Time	'2017/03/01'
Boolean	1
Integer	16107
Float	753.452