

Configuring Settings

Last Modified on 09 August 2021

Note: As a reminder, settings define criteria for when a condition is met. Certain settings known as source settings are used to define which events are collected by SQL Sentry.

Configuring Settings

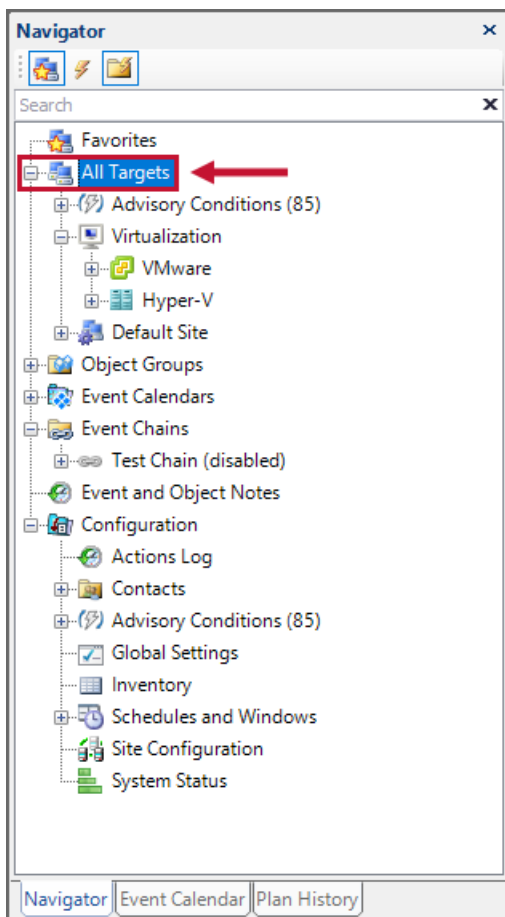
To configure settings, select the desired node in the **Navigator** pane.

For example, select the shared groups node to configure settings globally, or select an individual instance node to configure settings specific to just that instance. If you do not see the **Settings** pane once you have selected your desired node in the **Navigator** pane, select **View > Settings** to open the settings pane. Then, select the drop-down lists found in the **Settings** pane to select the desired settings.

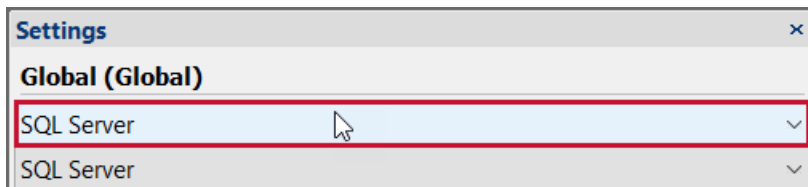
See the following examples:

To configure the **Top SQL Minimum Duration Collection** setting globally:

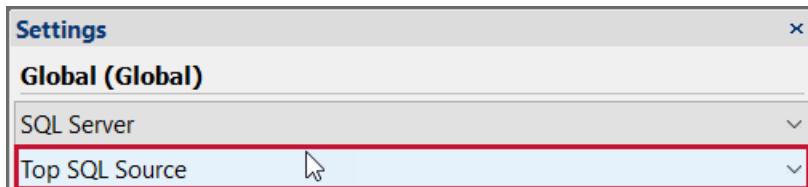
1. Select the **shared groups** node in the **Navigator** pane.



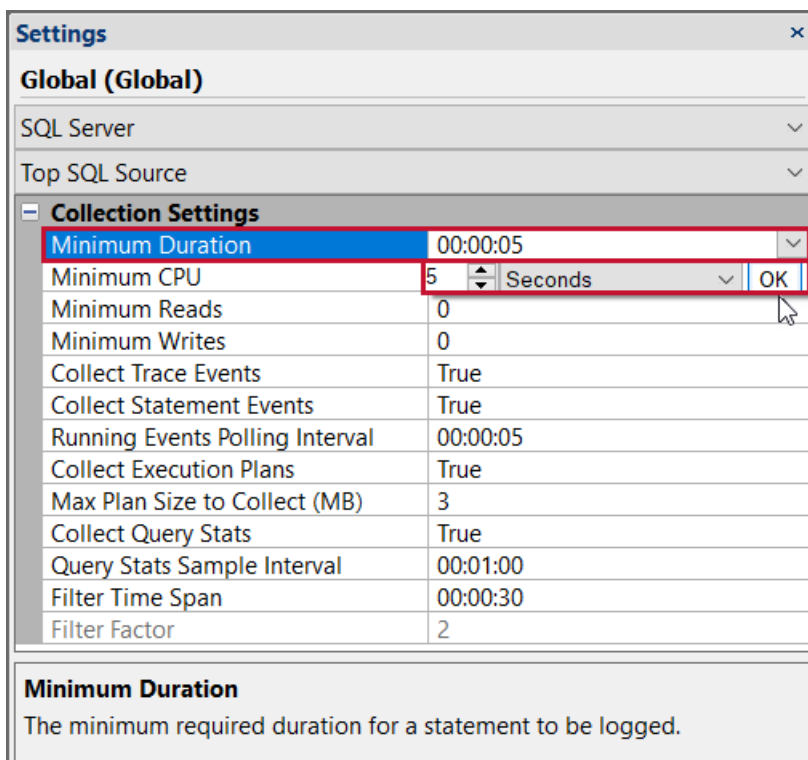
2. In the **Settings** pane, use the top drop-down list to select **SQL Server** settings.



3. Use the second drop-down list to select **Top SQL Source**. You should now see the **Top SQL Source** settings that are being applied globally.

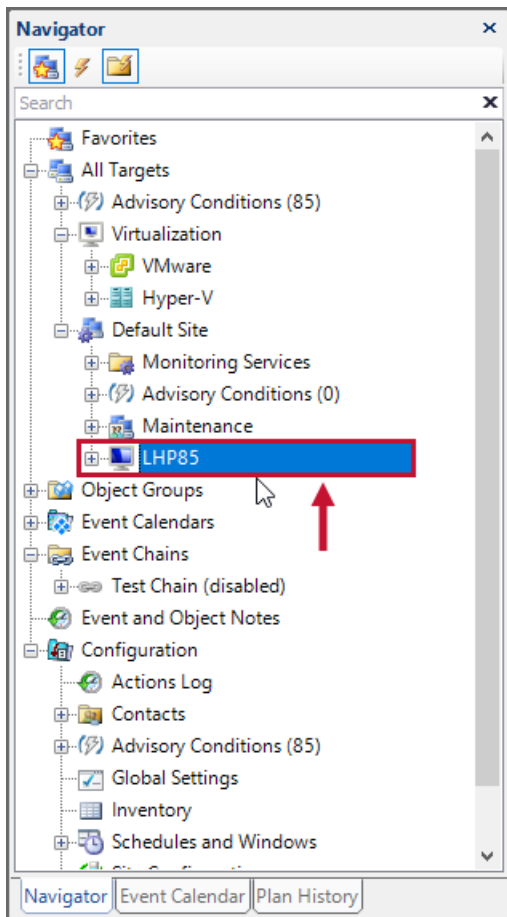


4. Change **Minimum Duration** to the desired value, then select **OK** to save your changes.



To configure the **Top SQL Minimum Duration Collection** setting for an individual instance:

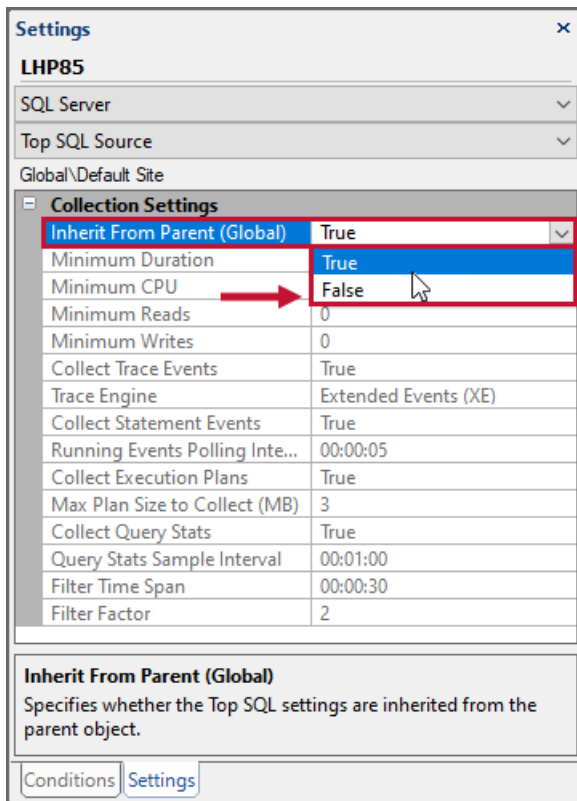
1. Select the desired instance node in the **Navigator** pane.



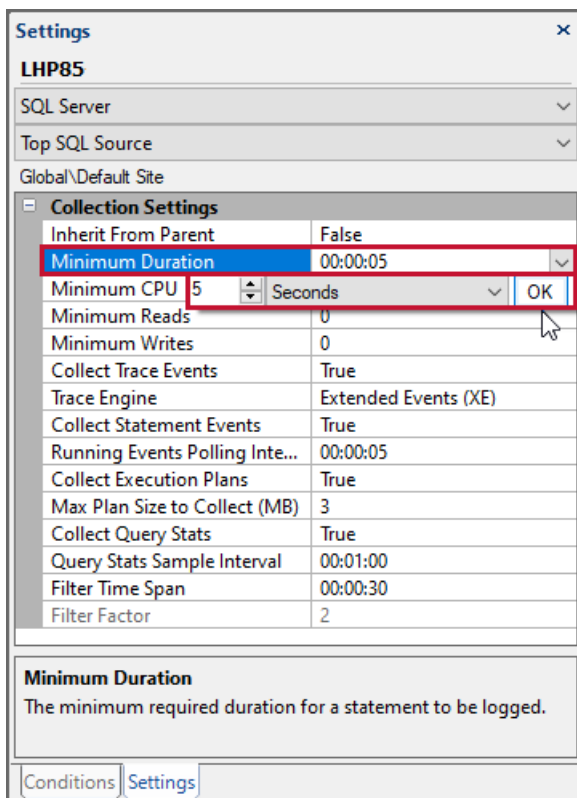
2. In the **Settings** pane, use the drop-down list to select **Top SQL Source**. You should now see the **Top SQL Source** settings that are being applied for that instance.



3. Change **Inherit from Parent** to *false*.



4. Change **Minimum Duration** to the desired value. It saves automatically.



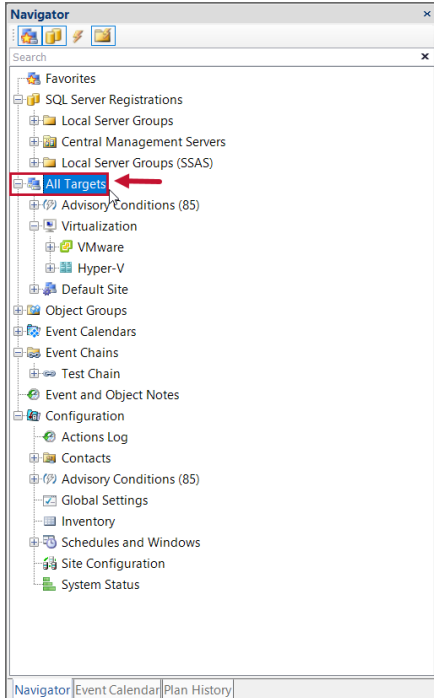
Adjusting Global Runtime Threshold Settings

By default, the global **Runtime Threshold** settings for SQL Server Agent Jobs are set at a **Minimum Runtime Threshold** of *10 percent* and **Maximum Runtime Threshold** of *250 percent*. This means that any time a job runs for less than *10 percent* of its average runtime or longer than *250 percent* of its average runtime, you'll

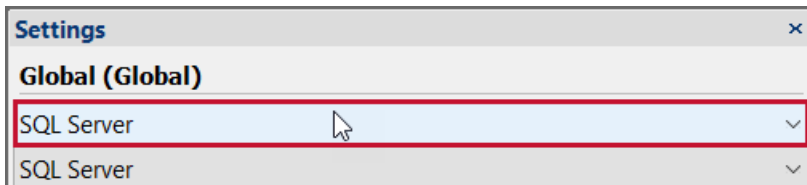
be notified. If you find you are receiving too many notifications, these settings can be adjusted. See the following example:

To configure the **SQL Server Agent Job Maximum Runtime Threshold** percent globally:

1. Select the **shared groups** node in the **Navigator** Pane.



2. In the **Settings** pane, use the top drop-down list to select **SQL Server** settings.



3. Use the second drop-down list to select **SQL Server Agent Job**. You should now see the **SQL Server Agent Job** settings that are configured globally.



4. Change **Maximum** and **Minimum Runtime Threshold Percent** to the desired values.

Settings ×

Global (Global)

SQL Server ▼

SQL Server Agent Job ▼

Runtime Thresholds	
Maximum Runtime Threshold	00:00:10
Maximum Runtime Threshold Percent	250
Minimum Runtime Threshold	00:00:00
Minimum Runtime Threshold Percent	10
Behavior When Queuing Other Jobs	
Queue Others For Up To	00:30:00
Auto-Start Threshold	04:00:00
Behavior When This Job is Queued	
Queue Type	Queue for specified time
Queue For Up To	00:30:00
Auto-Start Type	Use default setting

Minimum Runtime Threshold Percent

The minimum allowed runtime percentage for the object.

Using time-based thresholds

Time-based thresholds are usually less valuable at the global level, particularly the **Minimum Runtime Threshold** that doesn't have much value globally. Explicit time-based thresholds tend to be more applicable at the actual instance or object level for overriding the global percentage thresholds on a case-by-case basis.

Note: Any time an explicit time-based threshold is specified, it overrides the percentage-based thresholds for that object.

Consider a job that has a great deal of volatility in runtime such as a transaction log backup that can run from anywhere between 30 seconds and 30 minutes, with an average runtime of five minutes. To avoid unnecessary percentage-based threshold notifications for the job, set its **Maximum Runtime Threshold** to 35 minutes and **Minimum Runtime Threshold** to 20 seconds. Select either the job's node in the **Navigator** pane, or select an instance of the job on the calendar, then follow the previous steps to access and change the job's **Runtime Threshold** settings.

[Additional Information:](#) For more information about settings, see the [Alerting and Responses System](#) topic.