



How to Monitor Database Connectivity & SQL Queries *with Sentry-go*

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Be Proactive, Not Reactive!

Monitoring connectivity to your databases & running & verifying key SQL queries is quick & simple with Sentry-go. Once configured, the monitor can periodically verify that database connectivity can be established, key queries can be run in a timely manner, and results are as expected.

To do this, follow these steps ...

- Start the Easy Access Utility or Client Console, select the monitor & click “Configure”.
[Click here for more information on configuring Sentry-go.](#)
- Select the “SQL” button to display the primary SQL Connection list.
- Click “Add” to add a new check. The properties window for the check will be displayed.

Add Query/Connection Test

Scan Criteria | Schedule | Response | Alert

Please define your ODBC connection & optionally SQL query below ...

Which ODBC connection do you wish to verify ?

Refer to this check as :

Connect using DSN :

User : Password :

SQL

Sentry-go will check the above connection. If this fails, the defined response will be run. If successful, you can optionally run the SQL query defined below ...

After connecting, also run this SQL Query ...

Returns a data type of : of length :

Cancel changes after running query (Rollback) ?

Trigger an alert if ...

The query cannot be executed successfully

The query takes more than ... sec(s) to complete

No. rows affected/returned is ...

Returned data (col 1, row 1) is ...

- Enter the name or description for the check you are going to perform.
- Select the ODBC data source that will allow the monitor to connect to the above SQL Server. To create a new connection, click “New”, or use the Windows ODBC Data Source Administrator. *If a SQL query is also being defined & run below, the data source selected here must provide access to the appropriate database.* [Click here for more information on using the ODBC Data Source Administrator.](#)
- Enter the SQL Server user ID that will allow the monitor to connect to the database or leave the user ID blank to use a trusted connection. [Click here for more information on using Trusted SQL Server connections with Sentry-go.](#)
- Enter the password for the above user ID, or leave the field blank for a trusted connection.
- Optionally verify the connection by clicking the “Test” button.
- The above setup will verify the SQL connection but you can also optionally run & verify results from a SQL query. To do this ...
 - Tick the “After connecting, also run this SQL query” option.
 - Enter a valid SQL statement. This can be either an action statement (e.g. INSERT, UPDATE etc.) or a query that returns results (i.e. SELECT).
 - If the query returns results (i.e. SELECT), enter the data type, and optionally length that will be returned. If multiple rows & columns are returned, only the first will be checked, so enter the type of the first column.
 - If the SQL statement could potentially change data and you wish to cancel these changes after they are run, tick the “Cancel changes” option.
 - Next select the type of check you wish to perform – i.e. the condition under which an alert will be triggered.
- Click “Schedule” to perform the check at specific times (as opposed to the default no. minutes as specified at the bottom of the main list). [Click here for more information on Scheduling Sentry-go checks.](#)
- Click “Response” to define any automatic action you wish Sentry-go to take in the event the check fails. These settings include ...
 - How many errors should occur in succession before action is taken.
 - The auto-response the monitor should take, if any, if the check fails.
 - [Click here for more information on defining automatic responses.](#)
- Click “Alert” to define the alert that should be triggered in the event the check fails. This includes ...
 - Which group should be notified of the failure.
 - How members of the group should be notified.
 - When notifications should be run etc.
 - [Click here for more information on defining alerts.](#)

More Information

If you need more help or information on this topic ...

- See [Monitoring Database Connectivity & SQL Queries.](#)
- Contact our [Support Team.](#)
- Watch [demonstrations & walkthrough videos on-line.](#)
- Visit <http://www.Sentry-go.com>.

