

Overview

The client for “SPM for MongoDB” is an open-source mongodb monitoring agent that collects MongoDB metrics and sends them to SPM. It is available as npm package (see Installation & Configuration section below).

In addition to collecting MongoDB metrics, you can send Custom Metrics, such as the number of concurrent users, the number of items placed in a shopping cart, or any other kind of business transaction or KPI.

Installation and Configuration

1. Create an SPM App of type “MongoDB” in SPM
2. Click the “**Install Monitor**” button and follow the customized instructions for the created SPM App (basically how to install the NPM package and configure the SPM App Token)

Troubleshooting and “How To”

Generate diagnostics file for Sematext Support

If you are not seeing some or all MongoDB metrics, you can create a “diagnostics dump” and contact us via chat or email. To create the diagnostics dump just run the following in your application directory:

```
spm-client-diagnostics
```

The output of this script points to the ZIP file and shows the Sematext Support email address to which the ZIP file should be sent.

Using SPM for MongoDB behind Firewalls / Proxy servers

By default data is transmitted to SPM via HTTPS. If no direct connection is possible, a proxy server can be used by setting the environment variable `HTTPS_PROXY=https://your-proxy`.

Installation of native modules on Windows

The native modules are automatically compiled during “npm install” (using node-gyp). On Windows the required build tools like python or C++ compilers are typically not installed by default.

In this case please check <https://github.com/TooTallNate/node-gyp> for details about the required compiler and build tools.

Upgrading to a new node.js version

If you switch the node.js version (e.g. from 0.12 to 4.x), the spm-agent-mongodb package will need to be installed again (due to the fact that included native modules may change from version to version). After the version change please run a fresh installation “npm i spm-agent-mongodb -g”

Upgrading to the latest version of spm-agent-mongodb

To use the latest version of spm-agent-mongodb we recommend you install/upgrade using:

```
npm i spm-agent-mongodb@latest -g
```

Github Repository

The latest version and related information is available in the Github repository [sematext/spm-agent-mongodb](https://github.com/sematext/spm-agent-mongodb)