The configuration filename is tool-dependent. For example, when using `net-snmp` the configuration file is `snmpd.conf`.

By default SNMP uses UNIX domain for communication between the agent (i.e. `snmpd` or the master) and sub-agent (i.e. MongoDB).

Ensure that the `agentXAddress` specified in the SNMP configuration file for MongoDB matches the `agentXAddress` in the SNMP master configuration file.

Step 2: Start MongoDB. Start `mongod` with the `snmp-subagent` to send data to the SNMP master.

```
mongod --snmp-subagent
```

Step 3: Confirm SNMP data retrieval. Use `snmpwalk` to collect data from `mongod`:

Connect an SNMP client to verify the ability to collect SNMP data from MongoDB.

Install the net-snmp[89] package to access the `snmpwalk` client. `net-snmp` provides the `snmpwalk` SNMP client.

```
snmpwalk -m /usr/share/snmp/mibs/MONGOD-MIB.txt -v 2c -c mongodb 127.0.0.1:<port> 1.3.6.1.4.1.34601
```

`<port>` refers to the port defined by the SNMP master, *not* the primary `port` used by `mongod` for client communication.

Optional: Run MongoDB as SNMP Master

You can run `mongod` with the `snmp-master` option for testing purposes. To do this, use the SNMP master configuration file instead of the subagent configuration file. From the directory containing the unpacked MongoDB installation files:

```
cp mongod.conf.master /etc/snmp/mongod.conf
```

Additionally, start `mongod` with the `snmp-master` option, as in the following:

```
mongod --snmp-master
```

Monitor MongoDB Windows with SNMP

New in version 2.6.

Enterprise Feature

SNMP is only available in MongoDB Enterprise[90].

Overview

MongoDB Enterprise can provide database metrics via SNMP, in support of centralized data collection and aggregation. This procedure explains the setup and configuration of a `mongod.exe` instance as an SNMP subagent, as well as initializing and testing of SNMP support with MongoDB Enterprise.

See also:

Monitor MongoDB With SNMP on Linux (page 239) and *Troubleshoot SNMP* (page 242) for more information.

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[89]http://www.net-snmp.org/
[90]http://www.mongodb.com/products/mongodb-enterprise?jmp=docs

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