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{ topic: "MongoDB Monitoring Service", type: "Intro" }
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Overview

Disclaimer: I am not trying to sell you anything... MMS is FREE.

- What is MMS
- Why is MMS free
- Why do I need MMS
- What about my application
- Other Free Solutions
- MMS Roadmap
- Questions?

What Is MMS?

- Free SaaS based analytics/monitoring solution for MongoDB

(demo basics of UI)

- Demo agent setup

(most common problems and how to troubleshoot)

Why is MMS free?

- It takes a village to raise a child
- 10gen will be successful only if the MongoDB users/community/customers are successful
- Drastically decreases response time for both Commercial Support customers and Free Support users (instant visibility)
- Provide insight into the size of the MongoDB community (hard to discover for open source products)

I once was lost, but now am found, Was blind, but now I see

Why do I need MMS?

- 24/7 Visibility
- Diagnose application problems
- Event monitoring
- Performance monitoring
- Alerts

Without database visibility, you are essentially deaf, dumb and blind. Hardware is only one component of a system.

What about my application?

- MMS uses [Graphite](#) for application stats (PITA to setup, but cool once it is running)
- Possible issues to review when you see spikes in your MMS charts
 - Indexes
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 - Crons/batch processing
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 - Manual/user queries
 - Lack of physical resources (memory, cpu, disk throughput)

Other Free Solutions

<http://www.mongodb.org/display/DOCS/Monitoring+and+Diagnostics>

- Munin - plugin
- Ganglia - plugin
- Cacti - plugin
- Zabbix - plugin
- Nagios - plugin

Without interactive charts, interacting with data is a bit like:



MMS Roadmap - Version: 1.1

- Advanced clustering view
- Generic alerts on any field/series
- Database charts
- More accurate duplicate host detection
- Misc usability enhancements

Questions?

Slides

<https://github.com/deftlabs/presentations/tree/master/mongodb-meetup-oct-18-2011>

For a basic overview of how MMS was designed, see (slightly out of date, but some ideas are still valid):

<https://github.com/deftlabs/presentations/tree/master/mongodb-meetup-june-21-2011>

MMS Questions/Issues

<https://jira.mongodb.org/secure/CreateIssue!default.jspa?pid=10181>