

Moab

How can I graph the Moab scheduling cycle?

Issue: You want to graph the Moab scheduling cycle, to spot trends and potential issues.

Solution:

Install Munin, out of scope for this article, but here's a good article to get started: http://www.rackspace.com/knowledge_center/article/how-to-install-munin-monitoring-systems

The rest of this article assumes you're working on CentOS, so if you're on a different distribution, paths may be different.

After munin is installed and munin-node is setup and running on the node that runs Moab, you'll need to add a plugin to monitor Moab, we've prepared one for you and attached it to this article, `moab_scheduling_cycle`

Place `moab_scheduling_cycle` in `/usr/share/munin/plugins/moab_scheduling_cycle` and make it executable, eg:
`chmod +x /usr/share/munin/plugins/moab_scheduling_cycle`

Then create a symlink to activate the plugin:
`ln -s /usr/share/munin/plugins/moab_scheduling_cycle
/etc/munin/plugins/moab_scheduling_cycle`

Next copy the attached `moab_scheduling_cycle.conf` to `/etc/munin/plugin-conf.d/moab_scheduling_cycle`

Now, restart munin-node: `service munin-node restart`

Test that it works:

```
telnet localhost 4949
```

```
fetch moab_scheduling_cycle
```

```
quit
```

If all works, the munin graph for `moab_scheduling_cycle` should show up after some time, half an hour or so.

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Author: Michael Aronsen

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