

openQA Project - action #94753

coordination # 80142 (Blocked): [saga][epic] Scale out: Redundant/load-balancing deployments of openQA, easy containers, containers on kubernetes

coordination # 92854 (New): [epic] limit overload of openQA webUI by heavy requests

Try out munin on o3

2021-06-25 19:11 - tinita

Status:	Resolved	Start date:	2021-06-25
Priority:	Low	Due date:	
Assignee:	tinita	% Done:	100%
Category:	Feature requests	Estimated time:	2.00 hours
Target version:	Ready		
Difficulty:	easy		

Description

To have some statistical data, we could try out munin on o3.

<https://munin-monitoring.org/>

It gathers data every 5 minutes and writes them in rrd format, and generates a daily, weekly, monthly and yearly graph for things like load, memory, disk usage, apache accesses, network traffic.

Todo:

- Install munin and configure
- Create restricted access over http for the team, since we don't want that data to be public

History

#1 - 2021-06-25 19:16 - tinita

Installed on o3:

```
# install
% zypper in munin munin-node

# config
% cd /etc/munin
% vim munin.conf
# configure hostname (e.g. openqa.opensuse.org)

# enable plugins
% cd /etc/munin/plugins
% for i in /usr/lib/munin/plugins/apache_*; do ln -s $i; done

% systemctl restart munin-node.service
```

HTML files are under /srv/www/htdocs/munin/ and not accessible from the webserver yet. Apache would need the status module enabled for the apache_ plugins to work.

We also could enable some postgres plugins.

#2 - 2021-06-25 20:30 - tinita

Downloaded https://gallery.munin-monitoring.org/plugins/munin-contrib/postgres_queries3/ plugin and put in /etc/munin/plugins/postgres_queries3_openqa

Configured in /etc/munin/plugin-conf.d/munin-node

We can now see the number of selects, inserts, updates and deletes (under the "db" category).

#3 - 2021-07-02 10:01 - okurz

- Parent task set to #92854

#4 - 2021-07-02 10:20 - tinita

- Status changed from *In Progress* to *Resolved*

Still todo:

- Enable apache status module to be able to collect statistics about apache requests/processes
- Make the generated HTML files available over the webserver, but only for "us", not for the public. Need to figure out how that can be set up in apache

These things are considered out of scope, so resolving this ticket

#5 - 2021-07-02 10:21 - tinita

Anyone wanting to look at the HTML pages, do this:

```
rsync -a o3:/srv/www/htdocs/munin ~/o3-munin/
```

(where "o3" is configured in your ssh config of course)

#6 - 2021-07-02 10:23 - tinita

- % Done changed from 0 to 100

- Estimated time set to 2.00 h

- Difficulty set to easy

#7 - 2021-07-02 11:12 - okurz

ok. If you like you can add the instruction to the wiki on

<https://progress.opensuse.org/projects/openqav3/wiki/#Infrastructure-setup-for-o3-openqaopensuseorg-and-osd-openqasusede>

#8 - 2021-07-09 09:21 - okurz

I just included it in the wiki

#9 - 2021-07-12 10:35 - tinita

The service was disabled by default, so it did not start with the reboot yesterday, so I enabled it.