Subject: Munin: Extended Version for old system using user_beancounter.
Posted by floogy on Fri, 02 Nov 2007 23:37:20 GMT
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Hello,

I got problems to get graphs with the wiki plugin for munin:
http://wiki.openvz.org/Monitoring_openvz_resources_using_mun in

How can I debug this? There are no *.png generated, but html files, without much content:

$ lynx --dump
/var/www/munin/localdomain/localhost.localdomain-vebc_numfile_privvmpages_lockedpages_001
.html

REFRESH(300 sec):
[1]file://localhost/var/www/munin/localdomain/localhost.localdomain-ve
bc_numfile_privvmpages_lockedpages_001.html

[2]Overview :: [3]localdomain :: [4]localhost.localdomain ::
vebc_numfile_privvmpages_lockedpages_001

---

daily graph weekly graph
monthly graph yearly graph
'VE bean counters info'

Field Internal name [5]Type Warn Crit
[6]localdomain :

This page was generated by [7]Munin version 1.2.5 at 2007-11-03 T
00:20:36

References

1. file://localhost/var/www/munin/localdomain/localhost.localdomain-vebc_numfile_privvmpages_lockedpages_001.html
2. file://localhost/var/www/munin/index.html
3. file://localhost/var/www/munin/localdomain/index.html
4. file://localhost/var/www/munin/localdomain/localhost.localdomain.html
5. file://localhost/var/www/munin/definitions.html#data_types
6. file://localhost/var/www/munin/localdomain/index.html
7. http://munin.sourceforge.net/

[...] <tr>

```
    <td><img src="localhost.localdomain-vebc_numfile_privvmpages_lockedpages_001-day.png"
alt="daily graph"  /></td>
    <td><img
src="localhost.localdomain-vebc_numfile_privvmpages_lockedpages_001-week.png" alt="weekly
graph"  /></td>
  </tr>
  <tr>
    <td><img
src="localhost.localdomain-vebc_numfile_privvmpages_lockedpages_001-month.png"
alt="monthly graph"  /></td>
    <td><img src="localhost.localdomain-vebc_numfile_privvmpages_lockedpages_001-year.png"
alt="yearly graph"  /></td>
  </tr>
[...]

but, there are no png-files created:
$ ls -l
/var/www/munin/localdomain/localhost.localdomain-vebc_numfile_privvmpages_lockedpages_001
*png
ls:
/var/www/munin/localdomain/localhost.localdomain-vebc_numfile_privvmpages_lockedpages_001
*png: No such file or directory

$ /usr/share/munin/munin-update --debug --nofork --stdout --host localhost.localdomain --service
vebc_numfile_privvmpages_lockedpages_001
Nov 03 00:26:00 - [19831] Starting munin-update
Nov 03 00:26:00 - [19831] Processing domain: localdomain
Nov 03 00:26:00 - [19831] Processing node: localhost.localdomain
Nov 03 00:26:00 - [19831] Configuring node: localhost.localdomain
Nov 03 00:26:00 - [19831] Configuring service:
localhost.localdomain->vebc_numfile_privvmpages_lockedpages_001
Nov 03 00:26:01 - [19831] Config: graph_title = beancounter for VE001: numfile privvmpages
lockedpages
Nov 03 00:26:01 - [19831] Config: graph_category = VE001
Nov 03 00:26:01 - [19831] Config: graph_info = 'VE bean counters info'
Nov 03 00:26:01 - [19831] Configured service: localhost.localdomain ->
vebc_numfile_privvmpages_lockedpages_001 (0.43 sec)
Nov 03 00:26:01 - [19831] Configured node: localhost.localdomain (0.49 sec)
Nov 03 00:26:01 - [19831] Fetching node: localhost.localdomain

$ /usr/share/munin/munin-graph  --debug vebc_numflock_numpty_numsiginfo_001
DEBUG: Expanding specials "".
DEBUG: Checking field lengths "".
DEBUG: Treating fields "".


rrdtool "graph" "--font"
      "LEGEND:7:/usr/share/munin/VeraMono.ttf"
```

"--font"
"UNIT:7:/usr/share/munin/VeraMono.ttf"
"--font"
"AXIS:7:/usr/share/munin/VeraMono.ttf"

"/var/www/munin/localdomain/localhost.localdomain-vebc_numfile_privvmpages_lockedpages_001-month.png"
"--title"
"beancounter for VE001: numfile privvmpages lockedpages - by month"
"--start"
"-33d"
"--height"
"175"
"--width"
"400"
"--imgformat"
"PNG"
"--lazy"
"COMMENT:Last update\: Thu Jan 1 01\:00\:00 1970\r"

rrdtool "graph" "--font"
"LEGEND:7:/usr/share/munin/VeraMono.ttf"
"--font"
"UNIT:7:/usr/share/munin/VeraMono.ttf"
"--font"
"AXIS:7:/usr/share/munin/VeraMono.ttf"

"/var/www/munin/localdomain/localhost.localdomain-vebc_numfile_privvmpages_lockedpages_001-week.png"
"--title"
"beancounter for VE001: numfile privvmpages lockedpages - by week"
"--start"
"-8d"
"--height"
"175"
"--width"
"400"
"--imgformat"
"PNG"
"--lazy"
"COMMENT:Last update\: Thu Jan 1 01\:00\:00 1970\r"

rrdtool "graph" "--font"
"LEGEND:7:/usr/share/munin/VeraMono.ttf"
"--font"
"UNIT:7:/usr/share/munin/VeraMono.ttf"

"--font"
"AXIS:7:/usr/share/munin/VeraMono.ttf"

"/var/www/munin/localdomain/localhost.localdomain-vebc_numfile_privvmpages_lockedpages_001-day.png"
"--title"
"beancounter for VE001: numfile privvmpages lockedpages - by day"
"--start"
"-30h"
"--height"
"175"
"--width"
"400"
"--imgformat"
"PNG"
"--lazy"
"COMMENT:Last update\: Thu Jan 1 01\:00\:00 1970\r"

rrdtool "graph" "--font"
"LEGEND:7:/usr/share/munin/VeraMono.ttf"
"--font"
"UNIT:7:/usr/share/munin/VeraMono.ttf"
"--font"
"AXIS:7:/usr/share/munin/VeraMono.ttf"

"/var/www/munin/localdomain/localhost.localdomain-vebc_numfile_privvmpages_lockedpages_001-year.png"
"--title"
"beancounter for VE001: numfile privvmpages lockedpages - by year"
"--start"
"-400d"
"--height"
"175"
"--width"
"400"
"--imgformat"
"PNG"
"--lazy"
"COMMENT:Last update\: Thu Jan 1 01\:00\:00 1970\r"

Nov 03 00:26:00 - Starting munin-update
Nov 03 00:26:00 [19831] - Processing domain: localdomain
Nov 03 00:26:00 [19831] - Processing node: localhost.localdomain
Nov 03 00:26:00 [19831] - Configuring node: localhost.localdomain
Nov 03 00:26:00 [19831] - Configuring service: localhost.localdomain->vebc_numfile_privvmpages_lockedpages_001
Nov 03 00:26:01 [19831] - Config: graph_title = beancounter for VE001: numfile privvmpages

lockedpages
Nov 03 00:26:01 [19831] - Config: graph_category = VE001
Nov 03 00:26:01 [19831] - Config: graph_info = 'VE bean counters info'
Nov 03 00:26:01 [19831] - Configured service: localhost.localdomain ->
vebc_numfile_privvmpages_lockedpages_001 (0.43 sec)
Nov 03 00:26:01 [19831] - Configured node: localhost.localdomain (0.49 sec)
Nov 03 00:26:01 [19831] - Fetching node: localhost.localdomain

Nov 03 00:30:53 - Graphed service : vebc_numfile_privvmpages_lockedpages_001 (0.00 sec * 4)

How can I get /proc/user_beancounters monitored?

I hope, this is not due to incompatibilities between the wiki-munin-plugin for OpenVZ and the use for virtuozzo. I'm using a vserver virtualized by virtuozzo instead of OpenVZ.

EDIT: This is the output of the plugin itself:
/etc/munin/plugins/vebc_numfile_privvmpages_lockedpages_001 config yes
graph_title beancounter for VE001: numfile privvmpages lockedpages
graph_category VE001
graph_info 'VE bean counters info'

Subject: Re: Munin: Extended Version for old system using user_beancounter.
Posted by floogy on Sat, 03 Nov 2007 16:20:14 GMT
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I read this thread now
http://sourceforge.net/mailarchive/forum.php?thread_name=46893903.2010901%40nerim.net&forum_name=munin-users
, and did this:
munin-run
Warning: Unknown config option in "/etc/munin/plugin-conf.d/munin-node" under "[vebc*]":
env.config at /usr/sbin/munin-run line 619, <IN> line 19.
[...]
Use of uninitialized value in concatenation (.) or string at /usr/sbin/munin-run line 321.
ERROR: Could not execute plugin (plugin doesn't exist?).

less -N `which munin-run`

[...]
619 warn "Warning: Unknown config option in \"$dir/$file\" under \"[$service]\": $_";[...]

I commented that line in /etc/munin/plugin-conf.d/munin-node out:
env.config
but I still get:
[...]
Use of uninitialized value in concatenation (.) or string at /usr/sbin/munin-run line 321.
ERROR: Could not execute plugin (plugin doesn't exist?).
less -N `which munin-run`
[...]
321 next unless ($file =~ /^$ARGV[0]$/);

I also tried to debug with telnet:
telnet localhost 4949
Trying 127.0.0.1...
Connected to pv10.ncsrv.de.
Escape character is '^]'.
munin node at pv10.ncsrv.de
fetch vebc_numfile_privvmpages_lockedpages_001
.
config vebc_numfile_privvmpages_lockedpages_001
Unknown service
.
Connection closed by foreign host.
Hmmm... it's an unknown service, why?

$ /usr/share/munin/munin-update --debug --nofork --stdout --host foo.example.com --service
vebc_numfile_privvmpages_lockedpages_001
Nov 03 17:38:43 - [22244] Starting munin-update
Nov 03 17:38:43 - [22244] Processing domain: localdomain
Skipping host "localhost.localdomain" - not in hostlist
Nov 03 17:38:43 - [22244] Processed domain: localdomain (0.00 sec)
Nov 03 17:38:43 - [22244] Munin-update finished (0.09 sec)

$ /usr/sbin/munin-run vebc_numfile_privvmpages_lockedpages_001 config
Warning: Unknown config option in "/etc/munin/plugin-conf.d/munin-node" under
"[apache_accesses]": env.autoconf at /usr/sbin/munin-run line 619, <IN> line 12.
graph_title beancounter for VE001: numfile privvmpages lockedpages
graph_category VE001
graph_info 'VE bean counters info'

http://bugs.debian.org/cgi-bin/bugreport.cgi?bug=416478

Any clues?

Subject: [solved] Re: Munin: Extended Version for old system using user_beancounter.
Posted by floogy on Sun, 04 Nov 2007 00:27:50 GMT
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I managed to solve the problem:
Quote:# su root -c "cat /proc/user_beancounters"
Version: 2.5
```
       uid  resource                     held              maxheld              barrier                limit              failcnt
     33189: kmemsize                  4542834              5069947             12582912             14680064
                0
            lockedpages                   255                  255                  344                  344                  189
            privvmpages                 49055                50262                65536                67072
142
```

I had to change every appearance of myid to uid, and rename the symlinks from *_001 to *_33189

mv /etc/munin/plugins/vebc_numfile_privvmpages_lockedpages_001
/etc/munin/plugins/vebc_numfile_privvmpages_lockedpages_33189

```
# /etc/munin/plugins/vebc_numfile_privvmpages_lockedpages_33189 config
graph_title beancounter for VE33189: numfile privvmpages lockedpages
graph_category VE33189
graph_info 'VE bean counters info'
lockedpages.label lockedpages
lockedpages.warning 344
lockedpages.critical 344 189
privvmpages.label privvmpages
privvmpages.warning 65536
privvmpages.critical 67072 146
numfile.label numfile
numfile.warning 2500
numfile.critical 2500 3982
kmemsize

lockedpages
lockedpages
lockedpages.value 255
privvmpages
lockedpages
privvmpages.value 48871
shmpages
lockedpages
dummy
lockedpages
numproc
lockedpages
physpages
lockedpages
```

vmguarpages
lockedpages
oomguarpages
lockedpages
numtcpsock
lockedpages
numflock
lockedpages
numpty
lockedpages
numsiginfo
lockedpages
tcpsndbuf
lockedpages
tcprcvbuf
lockedpages
othersockbuf
lockedpages
dgramrcvbuf
lockedpages
numothersock
lockedpages
dcachesize
lockedpages
numfile
lockedpages
numfile.value 2197
dummy
lockedpages
dummy
lockedpages
dummy
lockedpages
numiptent
lockedpages