
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_munin

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-vebc_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></td>
        <td></td>
    </tr>
    <tr>
        <td></td>
        <td></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_numsinfo_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/localhost.localdomain-vebc_numfile_privvmpages_lockedpages_00
1-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/localhost.localdomain-vebc_numfile_privvmpages_lockedpages_00
1-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_00
1-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_00
1-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 virtuoizzo. I'm using a vserver virtualized by virtuoizzo 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=468

[93903.2010901%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
