
Subject: Success: Nagios and Hyperic on OpenVZ VEs

Posted by [szocske](#) on Tue, 13 Mar 2007 09:34:09 GMT

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Hi!

Here's a success story to keep spirits up and provide reference for future users:
The Nagios and Hyperic network management system install and run fine in OpenVz VEs.

We used debian 3.1.

Nagios installs with aptitude and runs out of the box. (we tried with text file backend instead of proper databases.)

Hyperic was installed following the official installation instructions, with built in database (postgres I guess).

The database seems to require loads of shared memory pages, other parameters remained below our defaults:

```
sunx23-vz16:~# cat /proc/user_beancounters
```

```
Version: 2.5
```

| uid | resource | held | maxheld | barrier | limit | failcnt | |
|------|--------------|---------|---------|----------|------------|---------|---|
| 116: | kmemsize | 3805440 | 4019443 | 20000000 | 20000000 | | 0 |
| | lockedpages | 0 | 0 | 32 | 32 | 0 | |
| | privvmpages | 295436 | 394633 | 2000000 | 2000000 | | 0 |
| | shmpages | 22122 | 22122 | 100000 | 100000 | | 3 |
| | dummy | 0 | 0 | 0 | 0 | | |
| | numproc | 109 | 120 | 2000 | 2000 | | 0 |
| | physpages | 95112 | 95136 | 0 | 2147483647 | | 0 |
| | vmguarpages | 0 | 0 | 6144 | 2147483647 | | 0 |
| | oomguarpages | 95334 | 95358 | 6144 | 2147483647 | | 0 |
| | numtcpsock | 27 | 41 | 2000 | 2000 | | 0 |
| | numflock | 1 | 8 | 200 | 220 | | 0 |
| | numpty | 2 | 2 | 16 | 16 | | 0 |
| | numsiginfo | 0 | 6 | 256 | 256 | | 0 |
| | tcpsndbuf | 33112 | 163184 | 1000000 | 1000000 | | 0 |
| | tcprcvbuf | 2392 | 207396 | 319488 | 524288 | | 0 |
| | othersockbuf | 7168 | 12124 | 1000000 | 1000000 | | 0 |
| | dgramrcvbuf | 0 | 243932 | 1000000 | 1000000 | | 0 |
| | numothersock | 4 | 7 | 2000 | 2000 | | 0 |
| | dcachesize | 0 | 0 | 1048576 | 1097728 | | 0 |
| | numfile | 2894 | 3771 | 20000 | 22000 | | 0 |
| | dummy | 0 | 0 | 0 | 0 | | 0 |
| | dummy | 0 | 0 | 0 | 0 | | 0 |
| | dummy | 0 | 0 | 0 | 0 | | 0 |
| | numiptent | 10 | 10 | 128 | 128 | | 0 |

(This is a snapshot after collecting data for one day from a few hosts.)

Thank you guys and keep up the good work!
