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Subject: Re: Server crash

Posted by [maratrus](#) on Tue, 30 Jun 2009 12:47:54 GMT

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Hello,

Quote:

- it is possible that a misconfiguration in VEs can crash the server?

A misconfiguration mustn't crash the server. But it may drastically decrease performance.

Quote:

- it may be a bug in OpenVZ kernel?

Don't hesitate to make a new bug report if any bug is found.

<http://bugzilla.openvz.org/>

Quote:

My HN crashes every weekend at different times, this weekend it crashed 2 times... and my customers are not really happy

We have to be provided with textual logs describing the crash in detail.

A serial console might be very helpful to get the full crash output.

[http://wiki.openvz.org/Remote\\_console\\_setup#Serial\\_console](http://wiki.openvz.org/Remote_console_setup#Serial_console)

Quote:

I think I have seen on the console an output like an "oops" (<http://wiki.openvz.org/Oops>) but I'm not sure that the logs do not see anything abnormal, except this:

```
tail /var/log/messages
```

These messages indicate that out of memory was invoked

[http://en.wikipedia.org/wiki/Out\\_of\\_memory](http://en.wikipedia.org/wiki/Out_of_memory)

[http://linux-mm.org/OOM\\_Killer](http://linux-mm.org/OOM_Killer)

But I cannot see any crash related things.

If it is an out-of-memory situation that bothers your customers so much you may have to set up `user_beancounters` parameters more accurately. The best thing I can suggest you is to read an article describing UBC in general and in detail.

<http://wiki.openvz.org/UBC>

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