Subject: Disable migration
Posted by tyggna on Mon, 28 Sep 2009 19:19:13 GMT
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Is there a configuration directive I can use to disable the migration feature?

I'm in an environment where kernel memory is scarce--and being rid of the 8 process threads that migration spawns would be very helpful.

Subject: Re: Disable migration
Posted by curx on Tue, 29 Sep 2009 07:31:41 GMT
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Hi,

you can disable to load OpenVZ migration/checkpointing linux kernel modules, vzrst and vzcpt in vz init script

```
---8<...
if [ "${MODULES_DISABLED}" != "yes" ]; then
        PRELOAD_MODULES="af_packet"
        MODULES="vzmon vzdquota vzdev"
 ---->  #CPT_MODULES="vzcpt vzrst"              <----
        MODULES_OTHER="vzcompat ${CPT_MODULES}"
---8<...
```

or add a directive, in /etc/vz/vz.conf

```
---8<...
MIGRATION="no"
---8<...
```

and a patched vz init.d script:

```
--- /etc/init.d/vz 2009-09-29 09:24:36.336995392 +0200
+++ /etc/init.d/vz-new 2009-09-29 09:26:31.398503384 +0200
@@ -60,7 +60,9 @@
 if [ "${MODULES_DISABLED}" != "yes" ]; then
  PRELOAD_MODULES="af_packet"
  MODULES="vzmon vzdquota vzdev"
- CPT_MODULES="vzcpt vzrst"
+ if [ "${MIGRATION}" != "no" ]; then
+  CPT_MODULES="vzcpt vzrst"
+ fi
  MODULES_OTHER="vzcompat ${CPT_MODULES}"
  VNET_MODULES="vznetdev vznet"
  VETH_MODULES="vzethdev"
```

Bye,
Thorsten