
Subject: Kernel Parameters in HN and VN
Posted by [shatter](#) on Wed, 30 Mar 2011 18:09:05 GMT
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Hi *,

trying to install Oracle 11g on a Centos-5-64 container, I run into a peculiar problem: the kernel parameters "semmsl" and "semopm" are too small (100/32) - inside the container, although it's big enough (250/256) on the HN:

On VN:

```
[root@dhsrv1003vz ~]# ipcs -l
```

```
----- Shared Memory Limits -----
```

```
max number of segments = 4096
max seg size (kbytes) = 524288
max total shared memory (kbytes) = 8388608
min seg size (bytes) = 1
```

```
----- Semaphore Limits -----
```

```
max number of arrays = 128
max semaphores per array = 100
max semaphores system wide = 32000
max ops per semop call = 32
semaphore max value = 32767
```

```
----- Messages: Limits -----
```

```
max queues system wide = 7992
max size of message (bytes) = 8192
default max size of queue (bytes) = 16384
```

On Host:

```
nwivz:/# ipcs -l
```

```
----- Shared Memory Limits -----
```

```
max number of segments = 4096
max seg size (kbytes) = 524288
max total shared memory (kbytes) = 8388608
min seg size (bytes) = 1
```

```
----- Semaphore Limits -----
```

```
max number of arrays = 1024
max semaphores per array = 250
max semaphores system wide = 256000
```

max ops per semop call = 256
semaphore max value = 32767

----- Messages: Limits -----

max queues system wide = 7992
max size of message (bytes) = 8192
default max size of queue (bytes) = 16384

nwivz:/#

Is there a way to configure the VM so it uses the settings of the HN?

Thanx,

Joachim