Hello, I think I'm not entirely understanding how vzsplit works.

I want to split my server up into 20 ve's. So I ran this:

vzsplit -n 20 -f vps.mytest

Which creates the appropriate file. Which I use as my template when creating
new VE's. Great.

But when I run vzcalc on one of the ve's that I've created with the template
made with vzsplit, this is what it shows:

```
[root@vz ~]# vzcalc 101
Resource    Current(%)  Promised(%)  Max(%)
Memory        0.28     20.45     22.46
```

I'm confused because I thought splitting it up for 20 ve's would give a
promised of around 5%, not 20%. How can 20 ve's each be promised 20%?

Here is the output of vzcpucheck with two ve's running with the
aforementioned template from above.

```
[root@vz ~]# vzcpucheck
Current CPU utilization: 35758
Power of the node: 183537
```

Here is the vz script called 101.conf that the above vzsplit created. I
modified only the Disk quota's and the hostname, ip_address, nameservers
paramters:

```
NUMPROC="400:400"
AVNUMPROC="111:111"
NUMTCPSOCK="400:400"
NUMOTHERSOCK="400:400"
VMGUARPAGES="310531:2147483647"

# Secondary parameters
KMEMSIZE="9130147:10043161"
TCPSNDBUF="1404982:3043382"
TCPRCVBUF="1404982:3043382"
OTHERSOCKBUF="702491:2340891"
DGRAMRCVBUF="702491:702491"
```

```
OOMGUARPAGES="310531:2147483647"
PRIVVMPAGES="310531:341584"

# Auxiliary parameters
LOCKEDPAGES="445:445"
SHMPAGES="31053:31053"
PHYSPAGES="0:2147483647"
NUMFILE="3552:3552"
NUMFLOCK="355:390"
NUMPTY="40:40"
NUMSIGINFO="1024:1024"
DCACHESIZE="1986361:2045952"
NUMIPTENT="100:100"

# Disk space
DISKSPACE="5000000:5100000"
DISKINODES="665374:731912"
QUOTATIME="600"

# CPU Scheduling
CPUUNITS="8573"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="centos-4-i386-default"
ORIGIN_SAMPLE="vps.mytest"
ONBOOT="yes"
HOSTNAME="not.a.real.hostname.com"
IP_ADDRESS="555.555.555.555"
NAMESERVER="555.555.555.555"
```

The script also validates with vzcfgvalidate, so I'm assuming this is an
error of my understanding. Would someone be kind enough to explain to me how
this works.

Thanks,

Romeo

Subject: Re: Vzsplit question
Posted by TheWiseOne on Tue, 12 Dec 2006 01:04:53 GMT
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Romeo Theriault wrote:
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Try vzsplit with "-s 0", the regular way it takes swap into account
which is generally a bad idea.

Regards,
Matt

Subject: Re: Vzsplit question
Posted by Romeo Theriault on Tue, 12 Dec 2006 20:55:38 GMT
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On 12/11/06 8:04 PM, "Matt Ayres" <matta@tektonic.net> wrote:

>
>
> Romeo Theriault wrote:
>> Hello, I think I'm not entirely understanding how vzsplit works.
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> Try vzsplit with "-s 0", the regular way it takes swap into account

> which is generally a bad idea.
>
> Regards,
> Matt

Thank you! Using the -s 0 gives results much more like I was expecting.

Romeo