## Subject: *SOLVED* UBC settings for multiple jboss VE
Posted by slonghurst on Tue, 05 Sep 2006 16:19:00 GMT

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Hi

I have trying to implement some virtual jboss servers and have one up and running now with the help from the guys on the forum, but when i install a second VE exactly the same set up as the first i cant navigate to the home page of the web application.

From my experience with installing the first jboss takes some heavy resources so i used the conf files supplied the x8 version and this got the first ve working. I have applied this to the second install as well which is where i think my problems lie as i think i am running out of resources. Coould anyone explain what some of the figures relate to here are my beancounters

Ve1

| uid | resource | held | maxheld | barrier | limit | failcnt |
|-----|----------|------|---------|---------|-------|---------|
| Ve1: | kmemsize | 4662544 | 5032511 | 19660800 | 20971520 | 0 |
| | lockedpages | 0 | 0 | 256 | 256 | 0 |
| | privvmpages | 231686 | 234322 | 393216 | 428600 | 0 |
| | shmpages | 1920 | 2576 | 65536 | 65536 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | numproc | 81 | 85 | 520 | 520 | 0 |
| | physpages | 47449 | 47676 | 0 | 2147483647 | 0 |
| | vmguarpages | 0 | 0 | 49152 | 2147483647 | 0 |
| | oomguarpages | 47449 | 47676 | 49152 | 2147483647 | 0 |
| | numtcpsock | 44 | 52 | 640 | 640 | 0 |
| | numflock | 6 | 9 | 800 | 880 | 0 |
| | numpty | 1 | 2 | 128 | 128 | 0 |
| | numsiginfo | 0 | 9 | 2048 | 2048 | 0 |
| | tcpsndbuf | 309844 | 366496 | 2555904 | 4194304 | 0 |
| | tcprcvbuf | 314900 | 401772 | 2555904 | 4194304 | 0 |
| | othersockbuf | 13416 | 33676 | 1056768 | 2695168 | 0 |
| | dgramrcvbuf | 0 | 8380 | 1056768 | 1056768 | 0 |
| | numothersock | 14 | 26 | 640 | 640 | 0 |
| | dcachesize | 0 | 0 | 4194304 | 4390912 | 0 |
| | numfile | 1623 | 1694 | 10240 | 10240 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | numiptent | 10 | 10 | 1024 | 1024 | 0 |

ve2
Version: 2.5

| uid | resource | held | maxheld | barrier | limit | failcnt |
|-----|----------|------|---------|---------|-------|---------|
| ve2: | kmemsize | 3886559 | 4246833 | 19660800 | 20971520 | 0 |
| | lockedpages | 0 | 0 | 256 | 256 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| privvmpages | 231487 | 393523 | 393216 | 428600 | 42 |
| shmpages | 640 | 656 | 65536 | 65536 | 0 |
| dummy | 0 | 0 | 0 | 0 | 0 |
| numproc | 69 | 73 | 520 | 520 | 0 |
| physpages | 45248 | 50252 | 0 | 2147483647 | 0 |
| vmguarpages | 0 | 0 | 49152 | 2147483647 | 0 |
| oomguarpages | 45248 | 50252 | 49152 | 2147483647 | 0 |
| numtcpsock | 38 | 38 | 640 | 640 | 0 |
| numflock | 6 | 8 | 800 | 880 | 0 |
| numpty | 1 | 1 | 128 | 128 | 0 |
| numsiginfo | 0 | 2 | 2048 | 2048 | 0 |
| tcpsndbuf | 317512 | 319748 | 2555904 | 4194304 | 0 |
| tcprcvbuf | 310000 | 334200 | 2555904 | 4194304 | 0 |
| othersockbuf | 4472 | 12804 | 1056768 | 2695168 | 0 |
| dgramrcvbuf | 0 | 8380 | 1056768 | 1056768 | 0 |
| numothersock | 6 | 17 | 640 | 640 | 0 |
| dcachesize | 0 | 0 | 4194304 | 4390912 | 0 |
| numfile | 1336 | 1422 | 10240 | 10240 | 0 |
| dummy | 0 | 0 | 0 | 0 | 0 |
| dummy | 0 | 0 | 0 | 0 | 0 |
| dummy | 0 | 0 | 0 | 0 | 0 |
| numiptent | 10 | 10 | 1024 | 1024 | 0 |

The Host machine has 1gb or ram and is an athlon 2200xp if that helps.

Thanks.

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Subject: Re: UBC settings for multiple jboss VE
Posted by aistis on Tue, 05 Sep 2006 18:52:15 GMT
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How much swap it has? both VEs tried to allocate 2.5GB+ so there could be a problem.

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Subject: Re: UBC settings for multiple jboss VE
Posted by Vasily Tarasov on Wed, 06 Sep 2006 06:35:53 GMT
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Hello,

Look at these line:
(VE2): privvmpages 231487 393523 393216 428600 42
The last number in this line - failcounter.
It means that 42 times there was not enough privvmpages

resource for VE. Hence you should increase the limit/barrier for this parameter.

HTH,
vass.

Subject: Re: UBC settings for multiple jboss VE
Posted by slonghurst on Wed, 06 Sep 2006 11:55:19 GMT
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It was the way i have installed Jboss, i had a full install on server 2 which was not needed. I followed a very helpful post on the forum about making a new ostemplate from my working VE and this has resoloved my issues. Have 4 VE running on the box fairly smoothly now

thanks very much