

- [OpenVZ ????????](#)

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- Hardware Node(HN)????? openvz ????????
- Container(CT)/Virtual Environment(VE)/Virtual Private Server (VPS)???????

HN???

- ?? container(????? root ??)

vzctl enter <CTID>

- ??/??/?? container

vzctl start <CTID>

vzctl stop <CTID>

vzctl restart <CTID>

- ?? container ??

vzctl set <CTID> --privvmpages 131072:135168 --save

?

vzctl set <CTID> --privvmpages 512M:528M --save

- ????? containers

vzlist -a

**?? pre-created template**

????????????????(operating system template)???? centos, ubuntu, debian ???

?????<http://wiki.openvz.org/Download/template/precreated>

cd /vz/template/cache/

wget http://download.openvz.org/template/precreated/centos-5-x86.tar.gz

???

template ???????

**????? Container**

WebVZ Admin > Containers > New Container

- Owner of the container?Administrator <?????????>
- Operating system template?<??????????? template>

- Configuration file name?<????????????>
- Container ID?102 <??????>
- Name?ast16 <?? container ??>
- IP Address?<IP ??>
- Hostname?<????>
- Nameserver(DNS)?<DNS ????>
- Enable booting on startup?no <??? openvz ?????????? container>
- Start up the container after creating it?yes <???????????? container>
- Root password?<?? root ??>

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- owner of the container????????
- operating system template????????
- configuration file name???????????????????????????????? disk space, kernel memory size, etc..?
- container ID??????????
- name?????????
- IP address, hostname, DNS, root password?????????
- ??? container ?????????????????????? 15-17 ??

## Q&A

Q: ??? container ??????Unable to fork: Cannot allocate memory

A: ? HN ?????????? container ??????????

[root@openvz ~]# cat /proc/user\_beancounters

Version: 2.5

| uid resource  | held    | maxheld | barrier  | limit    | failcnt      |
|---------------|---------|---------|----------|----------|--------------|
| 102: kmemsize | 2264829 | 4732901 | 14372700 | 14790164 | 0            |
| lockedpages   | 0       | 0       | 2048     | 2048     | 0            |
| privvmpages   | 65949   | 66587   | 65536    | 69632    | 548 <== ???? |
| shmpages      | 16      | 16      | 21504    | 21504    | 0            |
| dummy         | 0       | 0       | 0        | 0        |              |
| numproc       | 53      | 119     | 240      | 240      | 0            |

...

...

- ?????????? failcnt????????????????????????????????
- ?????????????? barrier ? limit ???
- memory page size ? 4KB??? 32/64 bit?