Subject: YUM Error CentOS Template
Posted by devnu11 on Fri, 23 Sep 2005 04:15:18 GMT
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I just installed all the latest RPM's and used the down loadable CentOS template from the OVZ website. I installed YUM into the newly created VPS via vzyum. When I try and use YUM from inside the VPS I get the following error:

```
# yum install nano
Setting up Install Process
Setting up Repos
dag                   100% |=========================| 1.1 kB    00:00

update                100% |=========================|  951 B    00:00
base                  100% |=========================| 1.1 kB    00:00
addons                100% |=========================|  951 B    00:00
extras                100% |=========================| 1.1 kB    00:00
Reading repository metadata in from local files
Traceback (most recent call last):
  File "/usr/bin/yum", line 7, in ?
    yummain.main(sys.argv[1:])
  File "/usr/share/yum-cli/yummain.py", line 68, in main
    result, resultmsgs = base.doCommands()
  File "/usr/share/yum-cli/cli.py", line 406, in doCommands
    return self.installPkgs()
  File "/usr/share/yum-cli/cli.py", line 813, in installPkgs
    self.doRepoSetup()
  File "/usr/share/yum-cli/cli.py", line 89, in doRepoSetup
    self.doSackSetup()
  File "__init__.py", line 143, in doSackSetup
  File "repos.py", line 243, in populateSack
  File "mdcache.py", line 103, in getPrimary
  File "mdcache.py", line 90, in _getGeneric
  File "mdcache.py", line 62, in _unpickle
EOFError
```

Any ideas how to solve this?

Subject: Re: YUM Error CentOS Template
Posted by kir on Fri, 23 Sep 2005 08:10:32 GMT
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First, it's preferrable to use vzyum for installation of packages inside the VPS, just because that way there will be a common yum cache to be used by all VPSs based on a given OS template. Well, if you plan to have just one CentOS VPS, you can use yum from inside VPS as well.

So the questions are:
1. What your host system rpm and yum versions are? ('rpm -q rpm yum')
2. Does rpm -q work inside your VPS? What VPS' rpm and yum versions are? ('rpm -q rpm yum' inside VPS).
3. Try 'yum makecache' inside VPS if your yum version supports it

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Subject: Re: YUM Error CentOS Template
Posted by devnu11 on Fri, 23 Sep 2005 18:01:00 GMT
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Ok, you brought up some important questions which I should have included in my original post. I did find a fix though
I used the following once and it solved my YUM problems then and thereafter:

PYTHONPATH=/usr/lib/python2.3/site-packages yum update

I'm guessing if I installed Python-Devel It might have cleared it up too. As always, thanks for assisting, It is much appreciated.

EDIT

I should explain that I used "vzpkgcache centos-4" to make a centos tar.gz for the /vz/templates/cache I tryed the above on a newly built VPS (102) with the new tar.gz file and it corrected the error. I tried the above on the original VPS (101) and it DID NOT correct the yum error even after installing python-devel.

So VPS 102 has a working YUM. As a side note "DF" yields no output on this CentOS install.

VPS 101 Does not have a working YUM but "DF" works as it should

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Subject: Re: YUM Error CentOS Template
Posted by kir on Sat, 24 Sep 2005 08:02:37 GMT
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As for 'df' problem, do you have /etc/mtab? Normally, it should be present and be a symlink to /proc/mounts

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Subject: Re: YUM Error CentOS Template
Posted by rpatrick on Sun, 25 Sep 2005 23:52:07 GMT
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After creating a CentOS-4 VPS by following the steps outlined in the PDF userguide, mtab was a

regular file with this content:

none /dev/pts devpts rw 0 0

We don't get df output with that, so removing that file and creating the symlink fixes things up.

rm -f /etc/mtab
ln -s /proc/mounts /etc/mtab

Once the symlink is created, df from inside the VPS correctly displays the amount of disk space free.

Example:

[root@vps ~]# df -h
Filesystem Size Used Avail Use% Mounted on
simfs 1.0G 413M 612M 41% /

Subject: Re: YUM Error CentOS Template
Posted by kir on Mon, 26 Sep 2005 08:28:24 GMT
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This is a bug in centos-4 template that claimed to be fixed in 1.0-5 version of template metadata, but not actually fixed.

I just put the issue to bugzilla as bug #45. For now, to fix the bug please add the following lines to the end of /vz/template/centos/4/config/install-post file:
Link /etc/mtab to /proc/mounts
rm -f $VE_ROOT/etc/mtab
ln -s /proc/mounts $VE_ROOT/etc/mtab

After that, you have to recreate template cache from scratch:
vzpkgcache -f centos-4
