Subject: Re: vzyum database recovery -- was vzpkgcache fail
Posted by bchapman on Fri, 01 Aug 2008 20:05:36 GMT

Here is some further information on this issue.

When booted, the virtual machine does not have the /var/lib/rpm/__db.00{1,2,3} files. This causes the vzyum issue regarding the database.

Running "rpm -qa" inside the virtual machine recreates the /var/lib/rpm/__db.00{1,2,3} files. It looks like the files are deleted on start up; doing a "shutdown now -h" from inside the machine does not delete them. This leaves the machine "mounted". Running "vzctl umount VE_ID" doesn't remove them either. However, running "vzctl start VE_ID" deletes the db files.

Not sure where to go next with this...

[EDIT]

Here is a small enhancement to the previous workaround - edit /usr/bin/vzyum so that it runs the 'rpm -qa' command prior to running yum.

Add the following to the next to last line of /usr/bin/vzyum:

$VZCTL exec $VEID rpm --quiet -qa

After the change the last four lines of vzyum should look like this:

log4 PYTHONPATH=$PYTHONPATH
log3 exec $YUM $YUM_ARGS $USER_ARGS
$VZCTL exec $VEID rpm --quiet -qa
exec $YUM $YUM_ARGS $USER_ARGS

This will rebuild the db files as in the earlier post.

Ben