Subject: Ubuntu 9.04 wrong permissions on /dev/null after restart
Posted by [grayrace](#) on Wed, 03 Mar 2010 22:03:50 GMT

Greetings,

Big fan of VZ and till this point has caused few issues but I got one I can't pin down. My appolgize if this has been reported elsewhere but I build a guest on the Ubuntu-9-04-x86 template and every time I issue shutdown -r now from within the guest when it comes back online /dev/null has the wrong permissions...

/dev# ls -lsah null
0 crw------- 1 root root 1, 3 Feb 2 14:45 null

I've taken a look at /var/log/boot but do not see a command that is causing the issue and not sure how else to approach it.

It appears to be fixed from a simple chmod 666 /dev/null but I'm more concerned about what is causing this and any long term fixes? Most of my VZs are actually running 8.04 and they do not have this problem. It appears isolated to the 9.04 template.

Subject: Re: Ubuntu 9.04 wrong permissions on /dev/null after restart
Posted by [grayrace](#) on Wed, 03 Mar 2010 23:12:21 GMT

I've narrowed it a bit further down...

Steps to reproduce:

sudo vzctl create 58212 --ostemplate ubuntu-9.04-x86 --config 10split --ipadd 10.0.0.0 --hostname somedomain

Upon inital login if you do a restart there isn't a problem. However after running:

apt-get update
apt-get upgrade

Then preform a restart the permissions on /dev/null change.

Here is the packages modified after the upgrade:

The following packages have been kept back:
  bind9 bind9-host bind9utils libbind9-40 libdns45 libisc45 libisccc40
  libisccfg40 liblwres40
The following packages will be upgraded:

apache2 apache2-doc apache2-mpm-prefork apache2-utils apache2.2-common cron
dhcp3-client dhcp3-common expat fetchmail file gzip libapr1 libaprutil1 libc6
libcups2 libcupsys2 libcurl3-gnutls libdbus-1-3 libexpat1 libglib2.0-0
libgnutls26 libkrb53 libmagic1 libmysqlclient15off libnewt0.52 libpam-modules
libpam-runtime libpam0g libperl5.10 libpq5 libsasl2-2 libsasl2-modules
libsnmp-base libsnmp15 libsqlite3-0 libssl0.9.8 libvolume-id1 libwbclient0
libxml2 lsb-base lsb-release mysql-common openssl perl perl-base perl-modules
samba samba-common sasl2-bin smbfs snmp sudo tzdata udev wget whiptail
57 upgraded, 0 newly installed, 0 to remove and 9 not upgraded.

Subject: Re: Ubuntu 9.04 wrong permissions on /dev/null after restart
Posted by efball on Thu, 04 Mar 2010 01:44:08 GMT
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I have some ubuntu containers on a debian host and I had a lot of problems with /dev files until I
removed udev from the ubunutu containers. It's a kernel/udev compatibility issue. Once udev is
gone create any missing /dev files with MAKEDEV and fix any permissions problems and then
they should stick

Subject: Re: Ubuntu 9.04 wrong permissions on /dev/null after restart
Posted by grayrace on Thu, 04 Mar 2010 22:37:46 GMT
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Hi upgrade to the newest template solved my problem it appears the problem was caused by the
patch to UDEV issued when I ran the upgrade.