Servers - Bug #3038

autobuilder chroot cannot initialize libalpm

2021-05-23 04:57 AM - bill-auger

Status:	confirmed	**% Done:**	0%
Priority:	broken		
Assignee:	oaken-source		
Category:			

Description

\<bill-auger\> \<oaken-source\> bill-auger: this might be related: https://bugs.archlinux.org/task/69563
\<bill-auger\> \<oaken-source\> faccessat2() was introduced in Linux 5.8, so glibc 2.33 won't work in containers on hosts that have older kernels.
\<bill-auger\> \<oaken-source\> the failing syscall is faccessat2, as verified by strace
\<bill-auger\> \<oaken-source\> so we have to either downgrade the glibc in the chroot, or upgrade the glibc on the host
\<bill-auger\> IIRC you chose to downgrade glibc in the chroot
\<bill-auger\> \<oaken-source\> there is a compatibility package for glibc-2.33 on linux4
\<bill-auger\> \<oaken-source\> which doesn't include the faccessat2 system call
\<bill-auger\> \<oaken-source\> bill-auger: this fix **will** break next time glibc is upgraded in the chroot.
\<bill-auger\> ... and that was today - the autobuilder chroot auto-upgrades, and glibc got replaced

\<oaken-source\> fortunately, an upgraded package for the fix is available. I'm upgrading in the chroot
\<oaken-source\> but this will obviously keep happening until we upgrade winston
\<oaken-source\> the trick is to procure a glibc-linux4-${glibc_pkgver}-${glibc_pegrel}-x86_64.pkg.tar.zst for the most recent glibc
\<oaken-source\> and then pacman -U ${glibc_linux4} -r /var/lib/archbuild/autobuilder/root/

Related issues:

Related to Packages - Bug #3386: Blacklist hooks are broken		**fixed**

History

#1 - 2022-12-20 08:08 PM - bill-auger

- Parent task set to #3386

#2 - 2022-12-21 04:52 PM - bill-auger

- Parent task deleted (#3386)

#3 - 2022-12-21 04:53 PM - bill-auger

- Related to Bug #3386: Blacklist hooks are broken added