Installation Media - Bug #3166

Errors after pacman -Syuu

2022-01-22 10:30 AM - maddox

Status:	not-a-bug	**% Done:**	0%
Priority:	bug		
Assignee:			
Category:			

Description

```
downloading required keys...
:: Import PGP key C132293954BBE4AD, "Sergej Pupykin <spupykin@archlinux.org>"? [Y/n]
(387/387) checking package integrity                        [#################################] 10
0%
error: libp11-kit: signature from "bill-auger <bill-auger@peers.community>" is unknown trust
:: File /var/cache/pacman/pkg/libp11-kit-0.24.0-2.nonsystemd1-x86_64.pkg.tar.zst is corrupted (inv
alid or corrupted package (PGP signature)).
Do you want to delete it? [Y/n]
error: p11-kit: signature from "bill-auger <bill-auger@peers.community>" is unknown trust
:: File /var/cache/pacman/pkg/p11-kit-0.24.0-2.nonsystemd1-x86_64.pkg.tar.zst is corrupted (invali
d or corrupted package (PGP signature)).
Do you want to delete it? [Y/n]
error: polkit: signature from "bill-auger <bill-auger@peers.community>" is unknown trust
:: File /var/cache/pacman/pkg/polkit-0.118-1.nonsystemd1-x86_64.pkg.tar.xz is corrupted (invalid o
r corrupted package (PGP signature)).
Do you want to delete it? [Y/n] n
error: perl: signature from "Levente Polyak (anthraxx) <levente@leventepolyak.net>" is unknown tru
st
:: File /var/cache/pacman/pkg/perl-5.34.0-3-x86_64.pkg.tar.zst is corrupted (invalid or corrupted
package (PGP signature)).
Do you want to delete it? [Y/n] n
error: pinentry: signature from "Levente Polyak (anthraxx) <levente@leventepolyak.net>" is unknown
 trust
:: File /var/cache/pacman/pkg/pinentry-1.2.0-1-x86_64.pkg.tar.zst is corrupted (invalid or corrupt
ed package (PGP signature)).
Do you want to delete it? [Y/n] n
error: libsynctex: signature from "bill-auger <bill-auger@peers.community>" is unknown trust
:: File /var/cache/pacman/pkg/libsynctex-2021.59745-1.parabola1-x86_64.pkg.tar.zst is corrupted (i
nvalid or corrupted package (PGP signature)).
Do you want to delete it? [Y/n] n
error: netpbm: signature from "Denis 'GNUtoo' Carikli <GNUtoo@cyberdimension.org>" is unknown trus
t
:: File /var/cache/pacman/pkg/netpbm-10.73.36-1.parabola1-x86_64.pkg.tar.xz is corrupted (invalid
or corrupted package (PGP signature)).
Do you want to delete it? [Y/n] n
error: iceweasel: signature from "bill-auger <bill-auger@peers.community>" is unknown trust
:: File /var/cache/pacman/pkg/iceweasel-1:95.0-1.parabola1-x86_64.pkg.tar.zst is corrupted (invali
d or corrupted package (PGP signature)).
Do you want to delete it? [Y/n] n
error: libspeechd: signature from "Alexander Epaneshnikov <email@alex19ep.me>" is unknown trust
:: File /var/cache/pacman/pkg/libspeechd-0.11.1-1-x86_64.pkg.tar.zst is corrupted (invalid or corr
upted package (PGP signature)).
Do you want to delete it? [Y/n] n
error: mkinitcpio: signature from "bill-auger <bill-auger@peers.community>" is unknown trust
:: File /var/cache/pacman/pkg/mkinitcpio-30-2.nonsystemd1-any.pkg.tar.zst is corrupted (invalid or
 corrupted package (PGP signature)).
Do you want to delete it? [Y/n] n
error: pacman-mirrorlist: signature from "bill-auger <bill-auger@peers.community>" is unknown trus
t
:: File /var/cache/pacman/pkg/pacman-mirrorlist-20211211-1.parabola1-any.pkg.tar.zst is corrupted
(invalid or corrupted package (PGP signature)).
Do you want to delete it? [Y/n] n
error: failed to commit transaction (invalid or corrupted package)
Errors occurred, no packages were upgraded.
```

History

#1 - 2022-01-22 10:47 AM - bill-auger

- Status changed from unconfirmed to not-a-bug

- Description updated

the problem there, is that you did not upgrade the keyrings first

... but ...

one should never run `pacman -Syu` on a LiveISO - there is never a need to do that, and LiveISOs are not designed for it

#2 - 2022-01-22 12:27 PM - maddox

I do not know about LiveISO, but if you mean some DVD room or USB image, that is not what I use, I have installed Parabola long ago and then on various computers, I follow the instructions for upgrade.

When I have followed your instructions for upgrade that is what happened. For you that is not a bug, for me that is bug in the Parabola system, as it should not ever happen.

Or one shall clearly say in the manual that before any pacman -Syu one shall upgrade those keys, and how. However, whatever instructions were followed it did not work, until I have removed one of the packages in question.

Overall the upgrade system did not go well, that is reality. You can keep it in illusion that it is not a bug, but it is a bug. I cannot recommend system to friends as they would not know how to cope with it, how to upgrade it. I hope you get it.

#3 - 2022-01-22 11:27 PM - bill-auger

i was not dismissing you predicament - you are misunderstanding the situation - this bug was opened against the "installation media" bug tracker; which is for issues related to using parabola LiveISOs (DVD, USB stick, etc) - if this is about a fully installed system, then the ticket (if valid) should be moved to the "packages" bug tracker

but still, it is not a bug - those error messages are completely normal and expected behavior - it can happen for example when the system has not been upgraded for a long period of time - in that case, i would actually *expect* it to happen - because it is normal behavior, the ticket would have been closed as 'not-a-bug' on the "packages" bug tracker also

the difference is, that it would have been more clear what the grievance actually was; and the explanation would have been different - the explanation given ("do not `pacman -Syu` on a liveISO") is the best advice, WRT "installation media" - it was not obvious, that you were referring to an installed parabola, and not a LiveISO (installation media)

when an installed parabola system gives such signature errors, usually one needs only to upgrade the keyrings before upgrading other packages, then those error messages will go away - it is a simple procedure; of which every parabola user will want to know, and should try, before opening bug reports (section #6 of the install guide states this (perhaps not clearly enough?)

> it is always safe to upgrade the system; and it is recommended to do so at least once per month.
> Before upgrading the system ... when a few months has past between upgrades, ensure that you have the current key-rings first:

```
# pacman -Sy archlinux-keyring parabola-keyring
# pacman -Syu
```

note that, i advised the same in my previous reply, although it was not obviously pertinent at the time - i mentioned it anyways, just in case, because it a common misconception, to see those error messages as a bug, rather than a normal feature

FWIW, the pacman program could be "fixed" to hide that behavior from users (install new keyrings automatically); but in all the many years pacman has existed, its authors never saw that as a valuable feature to add (and its absence was never seen as a bug) - obviously, because they could have long ago, made it to behave

that way (aka: fixed the bug, if it were seen as such)

therefore, despite the confusion and minor nuisance it imposes,
it is normal expected behavior for the pacman program (hence: not-a-bug) -
every parabola user simply needs to learn about this caveat (often
called a "gotcha"); then it is not a problem for anyone

this ticket is a "support request" - it is not a "bug" - i trust that
the distinction has been better explained now:

- a "bug" is some broken, unintentional, problem with the software, which must be corrected by the dev team
- a "support request" is a user needing help, to understand or learn how to use parabola - there is nothing for anyone to do about it, other than to explain

if there is no work to be done, then the topic has no place on issue tracker - support requests belong on the mailing lists, IRC, or web forum - those are the reasons why this ticket was closed

#4 - 2022-01-23 07:02 AM - maddox

I have not applied the advise to bash alias as following:

1. Parabola upgrade
   alias upgrade-system='sudo pacman -Sy archlinux-keyring parabola-keyring && sudo pacman -Syu'

Regarding "bug" issue, the issue is definitely bugging me, and it is preventing system to be upgraded, so it is general 'pacman' design issue. If you have used other package managers then you should know what I am talking about.

If keys are to be upgraded regularly, than that routine with keys should be included in the upgrade options automatically, in general 'pacman' is not well integrated and thus also not enough user friendly. It is good for power users.

Another issue is your tracking system where it says:

- Author: maddox
- Status: not-a-bug
- Priority: bug
- Assignee:
- Category:

Thus status being not a bug and priorit "bug" is confusing and unclear.

#5 - 2022-01-23 11:08 AM - bill-auger

yes, it is a design choice - some distros try to do as much as possible automatically; and arch tries to do as little as necessary automatically

> alias upgrade-system='sudo pacman -Sy archlinux-keyring parabola-keyring && sudo pacman -Syu'

that command would add a lot of time to each upgrade; because it re-installs the keyrings each time -
i think this is what you were trying for:

```
alias upgrade-system='sudo pacman -Sy archlinux-keyring parabola-keyring --needed ; sudo pacman -Su'
```