

# apt errors

## apt key error

When apt-get update shows the following error with only debian repositories:

```
W: There is no public key available for the following key IDs:
```

The simple fix is to install the debian-archive-keyring package and repeat the update process

```
apt-get install debian-archive-keyring
apt-get update
```

For google chrome repository and error:

```
W: There is no public key available for the following key IDs:
1397BC53640DB551
```

The fix is to:

```
wget -q -O - https://dl.google.com/linux/linux_signing_key.pub | sudo apt-
key add -
```

For other NO\_PUBKEY errors, make a note of the ID, then use

```
sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys KEY
```

For OpenSuse repositories it might be required to delete, redownload and reinsert the keys similar to the following examples:

```
sudo rm /usr/share/keyrings/obs-onedrive.gpg
sudo apt-key --keyring /etc/apt/trusted.gpg del 876D807E
wget -nv
https://download.opensuse.org/repositories/home:npreining:/debian-ubuntu-one
drive/xUbuntu_22.04/Release.key -O Release.key
sudo apt-key add - < Release.key
sudo apt-key export 876D807E | sudo gpg --dearmor -o
/etc/apt/trusted.gpg.d/onedrive.gpg
sudo apt-key --keyring /etc/apt/trusted.gpg del 876D807E
sudo vi /etc/apt/sources.list.d/onedrive.list
sudo apt-get update
```

```
sudo apt-key --keyring /etc/apt/trusted.gpg del 4C70D8B5
wget -nv
http://download.opensuse.org/repositories/graphics:/darktable/xUbuntu_22.04/
Release.key -O Release.key
```

```
sudo apt-key add - < Release.key
sudo apt-key export 4C70D8B5 | sudo gpg --dearmor -o
/etc/apt/trusted.gpg.d/onedrive.gpg
sudo apt-key --keyring /etc/apt/trusted.gpg del 4C70D8B5
sudo apt-get update
```

## not configured yet

In case of dpkg dependency errors of a package that isn't configured yet, trigger configuration manually. Example error:

```
dpkg: dependency problems prevent processing triggers for
libglib2.0-0:i386:
 libglib2.0-0:i386 depends on libc6 (>= 2.28); however:
  Package libc6:i386 is not configured yet.
```

```
sudo dpkg --configure -a
```

## apt-key deprecated

Apt Error: "Warning: apt-key is deprecated. Manage keyring files in trusted.gpg.d instead (see apt-key(8))."

Find the repository causing the error. Note that the apt-key output does not contain the url but descriptions and it might be difficult to find the relevant entry.

```
sudo apt-key list | grep -B 2 -i something
```

Once the entry is found, use the last 2 blocks of 4 characters of the key id to export it and then create a separate gpg file for it:

```
sudo apt-key export 12345678 | sudo gpg --dearmor -o
/etc/apt/trusted.gpg.d/name-of-file.gpg
```

Finally, the old key id can be removed from the trusted.gpg file:

```
sudo apt-key --keyring /etc/apt/trusted.gpg del 12345678
```

see this for newer and secure method:

<https://stackoverflow.com/questions/68992799/warning-apt-key-is-deprecated-manage-keyring-files-in-trusted-gpg-d-instead/71384057#71384057>

## apt fastest mirror

apt-get now supports a 'mirror' method that will automatically select a good mirror based on your

location. Adding the following at the top of `/etc/apt/sources.list` file will pick the best mirror:

Follow this with:

```
vi /etc/apt/sources.list
```

Adjust for the appropriate ubuntu distribution.

```
deb mirror://mirrors.ubuntu.com/mirrors.txt focal main restricted universe
multiverse
deb mirror://mirrors.ubuntu.com/mirrors.txt focal-updates main restricted
universe multiverse
deb mirror://mirrors.ubuntu.com/mirrors.txt focal-backports main restricted
universe multiverse
deb mirror://mirrors.ubuntu.com/mirrors.txt focal-security main restricted
universe multiverse
```

Do an update for apt to get/select the best mirror before any installs:

```
apt-get update
```

From:

<http://wuff.dyndns.org/> - **Wulf's Various Things**

Permanent link:

<http://wuff.dyndns.org/doku.php?id=linux:apt-key-error>

Last update: **2024/08/19 10:35**

