

Upgrading Kali from previous version to Version 2025.3

Problems

When running the apt update or apt upgrade in Kali to the latest version the following error appears.

```
562 packages can be upgraded. Run 'apt list --upgradable' to see them.
Warning: An error occurred during the signature verification. The repository is not updated and
the previous index files will be used. OpenPGP signature verification failed: http://kali.down
load/kali kali-rolling InRelease: Sub-process /usr/bin/sqv returned an error code (1), error me
ssage is: Missing key 827C8569F2518CC677FECA1AED65462EC8D5E4C5, which is needed to verify signa
ture.
Warning: Failed to fetch http://http.kali.org/kali/dists/kali-rolling/InRelease Sub-process /u
sr/bin/sqv returned an error code (1), error message is: Missing key 827C8569F2518CC677FECA1AED
65462EC8D5E4C5, which is needed to verify signature.
Warning: Some index files failed to download. They have been ignored, or old ones used instead.
```

To resolve this issue we can perform the following:

Get the current version of the OS with the following command.

```
cat /etc/os-release
```

```
(root@kaliwireless)-[~]
# cat /etc/os-release
PRETTY_NAME="Kali GNU/Linux Rolling"
NAME="Kali GNU/Linux"
VERSION_ID="2025.1"
VERSION="2025.1"
VERSION_CODENAME=kali-rolling
ID=kali
ID_LIKE=debian
HOME_URL="https://www.kali.org/"
SUPPORT_URL="https://forums.kali.org/"
BUG_REPORT_URL="https://bugs.kali.org/"
ANSI_COLOR="1;31"
```

1. Download the keyring

```
wgethttps://http.kali.org/kali/pool/main/k/kali-archive-keyring/kali-archive-  
keyring_CURRENT_VERSION_all.deb
```

```
https://http.kali.org/kali/pool/main/k/kali-archive-keyring/kali-archive-keyring_2025.1_all.deb
```

2. Install the keyring

```
sudo dpkg -i kali-archive-keyring_CURRENT_VERSION_all.deb
```

```
sudo dpkg -i kali-archive-keyring_2025.1_all.deb
```

3. Perform the update

```
sudo apt update -y
```

4. Perform the upgrade

```
sudo apt upgrade -y
```

5. Perform the FULL upgrade

```
sudo apt full-upgrade -y
```

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