

Enabling no-subscription repositories

On Debian v13 (trixie)

```
mv /etc/apt/sources.list.d/pve-enterprise.sources /root
```

Create new file

```
nano /etc/apt/sources.list.d/pve-no-subscription.list
```

repos

```
deb http://download.proxmox.com/debian/pve trixie pve-no-subscription
```

Adjust Debian repos

```
nano /etc/apt/sources.list.d/debian.sources
```

repos

```
Types: deb
URIs: http://deb.debian.org/debian
Suites: trixie trixie-updates
Components: main contrib non-free-firmware
Signed-By: /usr/share/keyrings/debian-archive-keyring.gpg
```

```
Types: deb
URIs: http://security.debian.org/debian-security
Suites: trixie-security
Components: main contrib non-free-firmware
Signed-By: /usr/share/keyrings/debian-archive-keyring.gpg
```

Verify repositories declaration

```
apt policy
```

```

root@omi5pvel:~# apt policy
Package files:
100 /var/lib/dpkg/status
   release a=now
500 http://download.proxmox.com/debian/pve trixie/pve-no-subscription amd64 Packages
   release o=Proxmox,a=stable,n=trixie,l=Proxmox Debian Repository,c=pve-no-subscription,b=amd64
   origin download.proxmox.com
500 http://security.debian.org/debian-security trixie-security/non-free-firmware amd64 Packages
   release v=13,o=Debian,a=stable-security,n=trixie-security,l=Debian-Security,c=non-free-firmware,b=amd64
   origin security.debian.org
500 http://security.debian.org/debian-security trixie-security/main amd64 Packages
   release v=13,o=Debian,a=stable-security,n=trixie-security,l=Debian-Security,c=main,b=amd64
   origin security.debian.org
500 http://deb.debian.org/debian trixie-updates/main amd64 Packages
   release v=13-updates,o=Debian,a=stable-updates,n=trixie-updates,l=Debian,c=main,b=amd64
   origin deb.debian.org
500 http://deb.debian.org/debian trixie/non-free-firmware amd64 Packages
   release v=13.4,o=Debian,a=stable,n=trixie,l=Debian,c=non-free-firmware,b=amd64
   origin deb.debian.org
500 http://deb.debian.org/debian trixie/contrib amd64 Packages
   release v=13.4,o=Debian,a=stable,n=trixie,l=Debian,c=contrib,b=amd64
   origin deb.debian.org
500 http://deb.debian.org/debian trixie/main amd64 Packages
   release v=13.4,o=Debian,a=stable,n=trixie,l=Debian,c=main,b=amd64
   origin deb.debian.org
500 http://security.debian.org/debian-security bookworm-security/non-free-firmware amd64 Packages
   release v=12,o=Debian,a=oldstable-security,n=bookworm-security,l=Debian-Security,c=non-free-firmware,b=amd64
   origin security.debian.org
500 http://security.debian.org/debian-security bookworm-security/contrib amd64 Packages
   release v=12,o=Debian,a=oldstable-security,n=bookworm-security,l=Debian-Security,c=contrib,b=amd64
   origin security.debian.org
500 http://security.debian.org/debian-security bookworm-security/main amd64 Packages
   release v=12,o=Debian,a=oldstable-security,n=bookworm-security,l=Debian-Security,c=main,b=amd64
   origin security.debian.org
500 http://deb.debian.org/debian bookworm-updates/main amd64 Packages
   release v=12-updates,o=Debian,a=oldstable-updates,n=bookworm-updates,l=Debian,c=main,b=amd64
   origin deb.debian.org
500 http://deb.debian.org/debian bookworm/non-free-firmware amd64 Packages
   release v=12.13,o=Debian,a=oldstable,n=bookworm,l=Debian,c=non-free-firmware,b=amd64
   origin deb.debian.org
500 http://deb.debian.org/debian bookworm/contrib amd64 Packages
   release v=12.13,o=Debian,a=oldstable,n=bookworm,l=Debian,c=contrib,b=amd64
   origin deb.debian.org
500 http://deb.debian.org/debian bookworm/main amd64 Packages
   release v=12.13,o=Debian,a=oldstable,n=bookworm,l=Debian,c=main,b=amd64
   origin deb.debian.org
Pinned packages:
root@omi5pvel:~# █

```

Do APT update

```
apt update
```

```

root@omi5pvel:~# apt update
Get:1 http://security.debian.org/debian-security bookworm-security InRelease [48.0 kB]
Hit:2 http://security.debian.org/debian-security trixie-security InRelease
Get:3 http://security.debian.org/debian-security bookworm-security/main amd64 Packages [294 kB]
Get:4 http://download.proxmox.com/debian/pve trixie InRelease [3,534 B]
Get:5 http://download.proxmox.com/debian/pve trixie/pve-no-subscription amd64 Packages [342 kB]
Get:6 http://deb.debian.org/debian bookworm InRelease [151 kB]
Get:7 http://deb.debian.org/debian bookworm-updates InRelease [55.4 kB]
Hit:8 http://deb.debian.org/debian trixie InRelease
Get:9 http://deb.debian.org/debian trixie-updates InRelease [47.3 kB]
Get:10 http://deb.debian.org/debian bookworm/main amd64 Packages [8,792 kB]
Get:11 http://security.debian.org/debian-security bookworm-security/main Translation-en [179 kB]
Get:12 http://security.debian.org/debian-security bookworm-security/contrib amd64 Packages [896 B]
Get:13 http://security.debian.org/debian-security bookworm-security/contrib Translation-en [652 B]
Get:14 http://security.debian.org/debian-security bookworm-security/non-free-firmware amd64 Packages [688 B]
Get:15 http://security.debian.org/debian-security bookworm-security/non-free-firmware Translation-en [472 B]
Get:16 http://deb.debian.org/debian bookworm/main Translation-en [6,108 kB]
Get:17 http://deb.debian.org/debian bookworm/contrib amd64 Packages [53.5 kB]
Get:18 http://deb.debian.org/debian bookworm/contrib Translation-en [48.4 kB]
Get:19 http://deb.debian.org/debian bookworm/non-free-firmware amd64 Packages [6,368 B]
Get:20 http://deb.debian.org/debian bookworm/non-free-firmware Translation-en [20.9 kB]
Get:21 http://deb.debian.org/debian bookworm-updates/main amd64 Packages [6,924 B]
Get:22 http://deb.debian.org/debian bookworm-updates/main Translation-en [5,448 B]
Fetched 16.2 MB in 4s (251 kB/s)
53 packages can be upgraded. Run 'apt list --upgradable' to see them.

```

List packages ready for update, most important that there are new packages from PVE repo.

```
apt list --upgradable
```

```
root@omi5pvel:~# apt list --upgradable
corosync/stable 3.1.10-pve2 amd64 [upgradable from: 3.1.9-pve2]
frr-pythontools/stable 10.4.1-1+pve1 all [upgradable from: 10.3.1-1+pve4]
frr/stable 10.4.1-1+pve1 amd64 [upgradable from: 10.3.1-1+pve4]
ifupdown2/stable 3.3.0-1+pmx12 all [upgradable from: 3.3.0-1+pmx11]
inetutils-telnet/stable-security 2:2.6-3+deb13u3 amd64 [upgradable from: 2:2.6-3+deb13u2]
libcfg7/stable 3.1.10-pve2 amd64 [upgradable from: 3.1.9-pve2]
libcm4/stable 3.1.10-pve2 amd64 [upgradable from: 3.1.9-pve2]
libcorosync-common4/stable 3.1.10-pve2 amd64 [upgradable from: 3.1.9-pve2]
libcp4/stable 3.1.10-pve2 amd64 [upgradable from: 3.1.9-pve2]
libnvpair3linux/stable 2.4.1-pve1 amd64 [upgradable from: 2.3.4-pve1]
libngl6-16t64/stable-security 1.6.48-1+deb13u4 amd64 [upgradable from: 1.6.48-1+deb13u3]
libproxmox-acme-perl/stable 1.7.1 all [upgradable from: 1.7.0]
libproxmox-acme-plugins/stable 1.7.1 all [upgradable from: 1.7.0]
libproxmox-backup-gemu0/stable 2.0.2 amd64 [upgradable from: 2.0.1]
libpve-access-control/stable 9.0.6 all [upgradable from: 9.0.4]
libpve-cluster-api-perl/stable 9.1.1 all [upgradable from: 9.0.7]
libpve-cluster-perl/stable 9.1.1 all [upgradable from: 9.0.7]
libpve-common-perl/stable 9.1.9 all [upgradable from: 9.0.15]
libpve-network-api-perl/stable 1.2.5 all [upgradable from: 1.2.3]
libpve-network-perl/stable 1.2.5 all [upgradable from: 1.2.3]
libpve-notify-perl/stable 9.1.1 all [upgradable from: 9.0.7]
libpve-rs-perl/stable 0.11.4 amd64 [upgradable from: 0.11.3]
libpve-storage-perl/stable 9.1.1 all [upgradable from: 9.0.18]
libquorum5/stable 3.1.10-pve2 amd64 [upgradable from: 3.1.9-pve2]
libssl3t64/stable-security 3.5.5-1+deb13u2 amd64 [upgradable from: 3.5.5-1+deb13u1]
libutil3linux/stable 2.4.1-pve1 amd64 [upgradable from: 2.3.4-pve1]
libvoteguorum8/stable 3.1.10-pve2 amd64 [upgradable from: 3.1.9-pve2]
lxc-pve/stable 6.0.5-4 amd64 [upgradable from: 6.0.5-3]
openssh-client/stable-security 1:10.0p1-7+deb13u2 amd64 [upgradable from: 1:10.0p1-7+deb13u1]
openssh-server/stable-security 1:10.0p1-7+deb13u2 amd64 [upgradable from: 1:10.0p1-7+deb13u1]
openssh-sftp-server/stable-security 1:10.0p1-7+deb13u2 amd64 [upgradable from: 1:10.0p1-7+deb13u1]
openssl-provider-legacy/stable-security 3.5.5-1+deb13u2 amd64 [upgradable from: 3.5.5-1+deb13u1]
openssl/stable-security 3.5.5-1+deb13u2 amd64 [upgradable from: 3.5.5-1+deb13u1]
proxmox-backup-client/stable 4.1.5-1 amd64 [upgradable from: 4.0.20-1]
proxmox-backup-file-restore/stable 4.1.5-1 amd64 [upgradable from: 4.0.20-1]
proxmox-default-kernel/stable 2.0.2 all [upgradable from: 2.0.1]
proxmox-kernel-6.17/stable 6.17.13-2 all [upgradable from: 6.17.2-1]
proxmox-widget-toolkit/stable 5.1.9 all [upgradable from: 5.1.2]
pve-cluster/stable 9.1.1 amd64 [upgradable from: 9.0.7]
pve-container/stable 6.1.2 all [upgradable from: 6.0.18]
pve-docs/stable 9.1.2 all [upgradable from: 9.1.0]
pve-firmware/stable 3.18-2 all [upgradable from: 3.17-2]
pve-ha-manager/stable 5.1.3 amd64 [upgradable from: 5.0.8]
pve-i18n/stable 3.7.0 all [upgradable from: 3.6.2]
pve-manager/stable 9.1.7 all [upgradable from: 9.1.1]
pve-nvidia-vgpu-helper/stable 0.3.1 all [upgradable from: 0.2.0]
pve-gemu-kvm/stable 10.1.2-7 amd64 [upgradable from: 10.1.2-3]
pve-yew-mobile-i18n/stable 3.7.0 all [upgradable from: 3.6.2]
gemu-server/stable 9.1.6 amd64 [upgradable from: 9.0.30]
ssh/stable-security 1:10.0p1-7+deb13u2 all [upgradable from: 1:10.0p1-7+deb13u1]
zfs-initramfs/stable 2.4.1-pve1 all [upgradable from: 2.3.4-pve1]
zfs-zed/stable 2.4.1-pve1 amd64 [upgradable from: 2.3.4-pve1]
zfsutils-linux/stable 2.4.1-pve1 amd64 [upgradable from: 2.3.4-pve1]
root@omi5pvel:~#
```

Perform upgrade (when needed)

```
apt upgrade
```

```
root@omi5pve1:~# apt upgrade
Upgrading:
corosync          libnvpair3linux    libpve-network-api-perl  lxc-pve             proxmox-kernel-6.17    pve-nvidia-vgpu-helper
frf               libpng16-16t64     libpve-network-perl      openssh-client      proxmox-widget-toolkit pve-gemu-kvm
frf-pythontools  libproxmox-acme-perl  libpve-notify-perl      openssh-server      pve-cluster           pve-yew-mobile-i18n
ifupdown2        libproxmox-acme-plugins  libpve-rs-perl          openssh-sftp-server  pve-container        gemu-server
inetutils-telnet  libproxmox-backup-gemu0  libpve-storage-perl     openssl             pve-docs              ssh
libcfg7          libpve-access-control  libquorum5              openssl-provider-legacy  pve-firmware
libcmmap4        libpve-cluster-api-perl  libssl3t64              proxmox-backup-client  pve-firmware          pve-ha-manager
libcorosync-common4  libpve-cluster-perl    libuutil3linux          proxmox-backup-file-restore  pve-i18n
libcpq4          libpve-common-perl     libvotequorum8          proxmox-default-kernel  pve-manager

Installing dependencies:
proxmox-kernel-6.17.13-2-pve-signed

Not upgrading:
zfs-initramfs  zfs-zed  zfsutils-linux

Summary:
Upgrading: 50, Installing: 1, Removing: 0, Not Upgrading: 3
Download size: 426 MB
Space needed: 1,005 MB / 28.2 GB available

Continue? [Y/n] 
```

Revision #1

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