

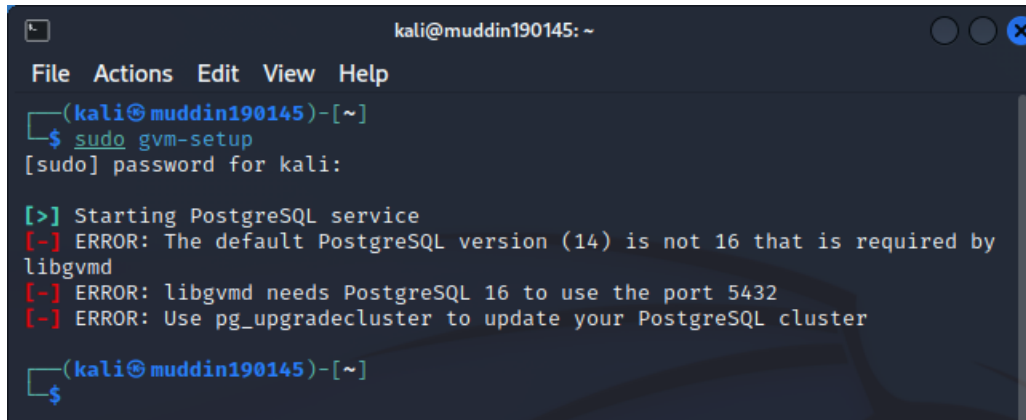
## Install GVM

Sudo apt install gvm

## Setup

Sudo gvm-setup

# You may face Error: Default PostgreSQL version error

A terminal window titled 'kali@muddin190145: ~' with a menu bar (File, Actions, Edit, View, Help). The terminal shows the command 'sudo gvm-setup' being executed. It prompts for a password for 'kali'. Then, it shows the command '[>] Starting PostgreSQL service' followed by three error messages: 'ERROR: The default PostgreSQL version (14) is not 16 that is required by libgvm', 'ERROR: libgvm needs PostgreSQL 16 to use the port 5432', and 'ERROR: Use pg\_upgradecluster to update your PostgreSQL cluster'. The prompt returns to '(kali@muddin190145)-[~]' with a '\$' symbol.

```
kali@muddin190145: ~  
File Actions Edit View Help  
(kali@muddin190145)-[~]  
$ sudo gvm-setup  
[sudo] password for kali:  
[>] Starting PostgreSQL service  
[-] ERROR: The default PostgreSQL version (14) is not 16 that is required by libgvm  
[-] ERROR: libgvm needs PostgreSQL 16 to use the port 5432  
[-] ERROR: Use pg_upgradecluster to update your PostgreSQL cluster  
(kali@muddin190145)-[~]  
$
```

Solution to PostgreSQL error

Edit the config of two postgresql as shown

**sudo nano /etc/postgresql/14/main/postgresql.conf**

find "port = 5432" change to 5433

**sudo nano /etc/postgresql/16/main/postgresql.conf**

find "port = 5433" change to 5432

systemctl restart postgresql

After solving error try to run setup again with **sudo gvm-setup** Installation will continue and it may take time

```
kali@muddin190145: ~  
File Actions Edit View Help  
[*] Applying permissions  
GRANT ROLE  
[*] Creating extension uuid-ossip  
CREATE EXTENSION  
[*] Creating extension pgcrypto  
CREATE EXTENSION  
[*] Creating extension pg-gvm  
CREATE EXTENSION  
[>] Migrating database  
[>] Checking for GVM admin user  
[*] Creating user admin for gvm  
[*] Please note the generated admin password  
[*] User created with password '88c2b3cf-5431-444d-9e9f-fba0cf83e24d'.  
[*] Configure Feed Import Owner  
[*] Define Feed Import Owner  
[*] Update GVM feeds  
Running as root. Switching to user '_gvm' and group '_gvm'.  
Trying to acquire lock on /var/lib/openvas/feed-update.lock  
Acquired lock on /var/lib/openvas/feed-update.lock  
.: Downloading Notus files from rsync://feed.community.greenbone.net/community/  
vulnerability-feed/22.04/vt-data/notus/ to /var/lib/notus  
.: Downloading NASL files from rsync://feed.community.greenbone.net/community/  
vulnerability-feed/22.04/vt-data/nasl/ to /var/lib/openvas/plugins
```

# you will see admin password / copy it for initial login

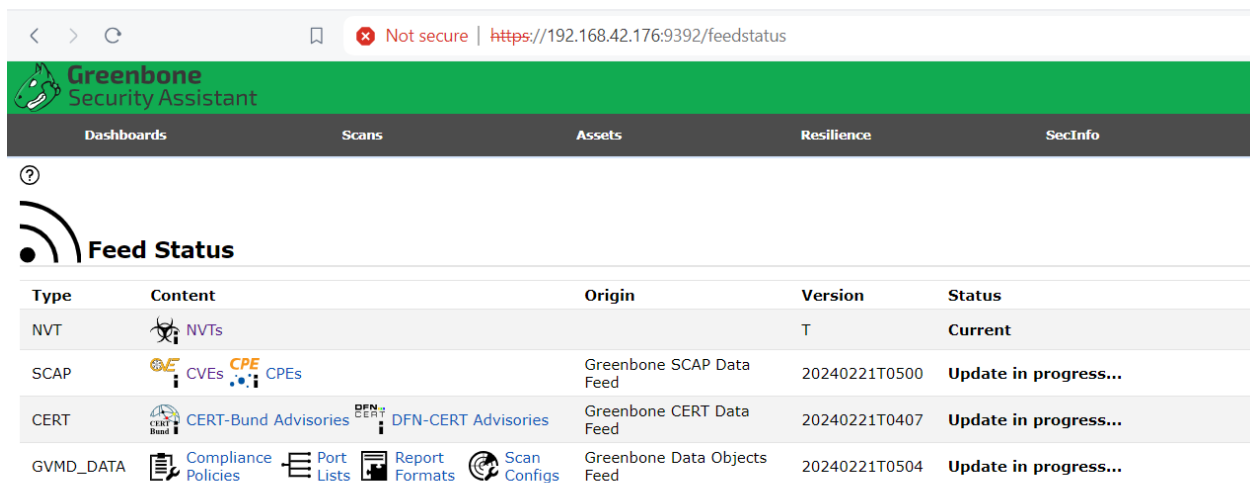
```
kali@muddin190145: ~  
File Actions Edit View Help  
vulnerability-feed/22.04/vt-data/nasl/ to /var/lib/openvas/plugins  
Releasing lock on /var/lib/openvas/feed-update.lock  
Trying to acquire lock on /var/lib/gvm/feed-update.lock  
Acquired lock on /var/lib/gvm/feed-update.lock  
.: Downloading SCAP data from rsync://feed.community.greenbone.net/community/v  
ulnerability-feed/22.04/scap-data/ to /var/lib/gvm/scap-data  
.: Downloading CERT-Bund data from rsync://feed.community.greenbone.net/commun  
ity/vulnerability-feed/22.04/cert-data/ to /var/lib/gvm/cert-data  
.: Downloading gvm data from  
rsync://feed.community.greenbone.net/community/data-feed/22.04/ to  
/var/lib/gvm/data-objects/gvmd/22.04  
Releasing lock on /var/lib/gvm/feed-update.lock  
[*] Checking Default scanner  
[*] Modifying Default Scanner  
Scanner modified.  
[+] Done  
[*] Please note the password for the admin user  
[*] User created with password '88c2b3cf-5431-444d-9e9f-fba0cf83e24d'.  
[>] You can now run gvm-check-setup to make sure everything is correctly conf  
igured  
(kali@muddin190145)-[~]  
$
```










Now Check if all the components are correctly configured

Sudo gvm-check-

Run the gvm

Sudo gvm-start



Type	Content	Origin	Version	Status
NVT	 NVTs		T	Current
SCAP	 CVEs  CPEs	Greenbone SCAP Data Feed	20240221T0500	Update in progress...
CERT	 CERT-Bund Advisories  DFN-CERT Advisories	Greenbone CERT Data Feed	20240221T0407	Update in progress...
GVMD_DATA	 Compliance Policies  Port Lists  Report Formats  Scan Configs	Greenbone Data Objects Feed	20240221T0504	Update in progress...

# sudo gvm-stop to stop / sudo gvm-start start

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## Help:

To change Change admin password

Sudo -E -u \_gvm gvmd --user=admin --new-password=Xyzweredhgdf

To update the feed

sudo greenbone-feed-sync

to allow external access

sudo gvm-stop

sudo nano /usr/lib/systemd/system/greenbone-security-assistant.service