

OPENVAS(GVM)


openvas

kali

```
sudo apt install gvm
```

linux

<https://greenbone.github.io/docs/latest/22.4/source-build/index.html>

debian

<https://github.com/Kastervo/OpenVAS-Installation>

gvm

```
sudo gvm-setup
```



```
sudo runuser -u _gvm -- gvmc --user=admin --new-password=password
```



```
sudo gvm-check-setup
```

16436|pg-gvm|10|2200|f|22.6||

OK: At least one user exists.

Step 6: Checking Greenbone Security Assistant (GSA) ...

OK: Greenbone Security Assistant is present in version 24.0.0~git.

Step 7: Checking if GVM services are up and running ...

OK: gvmd service is active.

OK: gsad service is active.

Step 8: Checking few other requirements...

OK: nmap is present.

OK: ssh-keygen found, LSC credential generation for GNU/Linux targets is likely to work.

OK: nsis found, LSC credential package generation for Microsoft Windows targets is likely to work.

OK: xsltproc found.

WARNING: Your password policy is empty.

SUGGEST: Edit the /etc/gvm/pwpolicy.conf file to set a password policy.

Step 9: Checking greenbone-security-assistant ...

OK: greenbone-security-assistant is installed

It seems like your GVM-23.11.0 installation is OK.

Name	Status	Reports	Last Report	Severity	Trend
192.168.1.1	OK	1	Fri, Jan 13, 2023 1:08 UTC	OK	
192.168.1.2	OK	1	Fri, Jan 17, 2025 6:06 AM UTC	OK	

Apply to page content

It seems like your GVM-xx.xx.xx installation is OK.

gvm

```
sudo gvm-start
```

gsad(GreenBone Security Assistant daemon) gvm(greenbone Vulnerability Management daemon) opsd-openvas

gvm

https://127.0.0.1:9392

gvm

```
sudo gvm-stop
```

IP Port

```
sudo vi /usr/lib/systemd/system/gsad.service
```

```
[Unit]
Description=Greenbone Security Assistant daemon (gsad)
Documentation=man:gsad(8) https://www.greenbone.net
After=network.target gvm.service
Wants=gvm.service

[Service]
Type=exec
User=_gvm
Group=_gvm
RuntimeDirectory=gsad
RuntimeDirectoryMode=2775
PIDFile=/run/gsad/gsad.pid
ExecStart=/usr/sbin/gsad --foreground --listen 0.0.0.0 --port 9392
Restart=always
TimeoutStopSec=10

[Install]
WantedBy=multi-user.target
Alias=greenbone-security-assistant.service
```

--listen 0.0.0.0 --port

```
sudo greenbone-feed-sync
```

```
sudo greenbone-feed-sync --type nvt
sudo greenbone-feed-sync --type scap
sudo greenbone-feed-sync --type cert
```

#####cron#####

GVM

```
sudo -u _gvm gvmd --rebuild-gvmd-data=all
```

#####openvas#####ip#####ip#####

Alive Testscan config DefaultConsider Alive

Name

Wlan

Comment

Hosts

Manual

ected.

Scan Config Default

ICMP Ping

TCP-ACK Service Ping

TCP-SYN Service Ping

ARP Ping

ICMP & TCP-ACK Service Ping

ICMP & ARP Ping

TCP-ACK Service & ARP Ping

ICMP, TCP-ACK Service & ARP Ping

Consider Alive

Exclude Hosts

Allow simultaneous scanning via multiple IPs

Port List

Alive Test

Consider Alive▲

(Database is wrong Version)

#####

```

(ron@cc140-87)-[~]
$ sudo systemctl status gvmd.service
● gvmd.service - Greenbone Vulnerability Manager daemon (gvmd)
   Loaded: loaded (/usr/lib/systemd/system/gvmd.service; disabled; preset: disabled)
   Active: activating (start) since Wed 2025-04-09 13:25:28 CST; 38s ago
     Job: 1660
 Invocation: 80b19be4686a4a329bc4609347cb1fd9
    Docs: man:gvmd(8)
 Process: 2595 ExecStart=/usr/sbin/gvmd --osp-vt-update=/run/ospd/ospd.sock --listen-group=_gvm (code=exited, status=0/SUCCESS)
   Tasks: 0 (limit: 19043)
  Memory: 4K (peak: 5.8M)
    CPU: 17ms
   CGroup: /system.slice/gvmd.service

Apr 09 13:25:28 cc140-87 systemd[1]: gvmd.service: Scheduled restart job, restart counter is at 1.
Apr 09 13:25:28 cc140-87 systemd[1]: Starting gvmd.service - Greenbone Vulnerability Manager daemon (gvmd)...
Apr 09 13:25:28 cc140-87 gvmd[2595]: md main:MESSAGE:2025-04-09 05h25.28 utc:2595: Greenbone Vulnerability Manager version 25.1.3 (DB revision 258)
Apr 09 13:25:28 cc140-87 systemd[1]: gvmd.service: Can't open PID file '/run/gvmd/gvmd.pid' (yet?) after start: No such file or directory
Apr 09 13:25:28 cc140-87 gvmd[2597]: md manage:MESSAGE:2025-04-09 05h25.28 utc:2597: check_db_versions: database version of database: 256
Apr 09 13:25:28 cc140-87 gvmd[2597]: md manage:MESSAGE:2025-04-09 05h25.28 utc:2597: check_db_versions: database version supported by manager: 258
Apr 09 13:25:28 cc140-87 gvmd[2597]: md main:CRITICAL:2025-04-09 05h25.28 utc:2597: gvmd: database is wrong version
Apr 09 13:25:28 cc140-87 gvmd[2597]: md main:CRITICAL:2025-04-09 05h25.28 utc:2597: gvmd: Your database is too old for this version of gvmd.
Apr 09 13:25:28 cc140-87 gvmd[2597]: md main:CRITICAL:2025-04-09 05h25.28 utc:2597: gvmd: Please migrate to the current data model.
Apr 09 13:25:28 cc140-87 gvmd[2597]: md main:CRITICAL:2025-04-09 05h25.28 utc:2597: gvmd: Use a command like this: gvmd --migrate

```

□□

gvmd --migrate

role "root" does not exist□

```

(ron@cc140-87)-[~]
$ sudo gvmd --migrate
(gvmd:4844): md manage-WARNING **: 13:29:50.001: sql_open: PQconnectPoll failed
(gvmd:4844): md manage-WARNING **: 13:29:50.001: sql_open: PQerrorMessage (conn): connection to server on socket "/var/run/postgresql/.s.PGSQL.5432" failed: FATAL: role "root" does not exist
(gvmd:4844): md manage-WARNING **: 13:29:50.001: init_manage_open_db: sql_open failed

```

□□

gvm-setup solve

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<https://greenbone.github.io/docs/latest/22.4/kali/index.html>

<https://www.greenbone.net/en/documents/>

<https://github.com/greenbone/>

<https://community.greenbone.net/getting-started/greenbone-community-edition-via-linux-distribution-packages/>

<https://forum.greenbone.net/t/your-database-is-too-old-for-this-version-of-gvmd/20812>

Revision #10

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