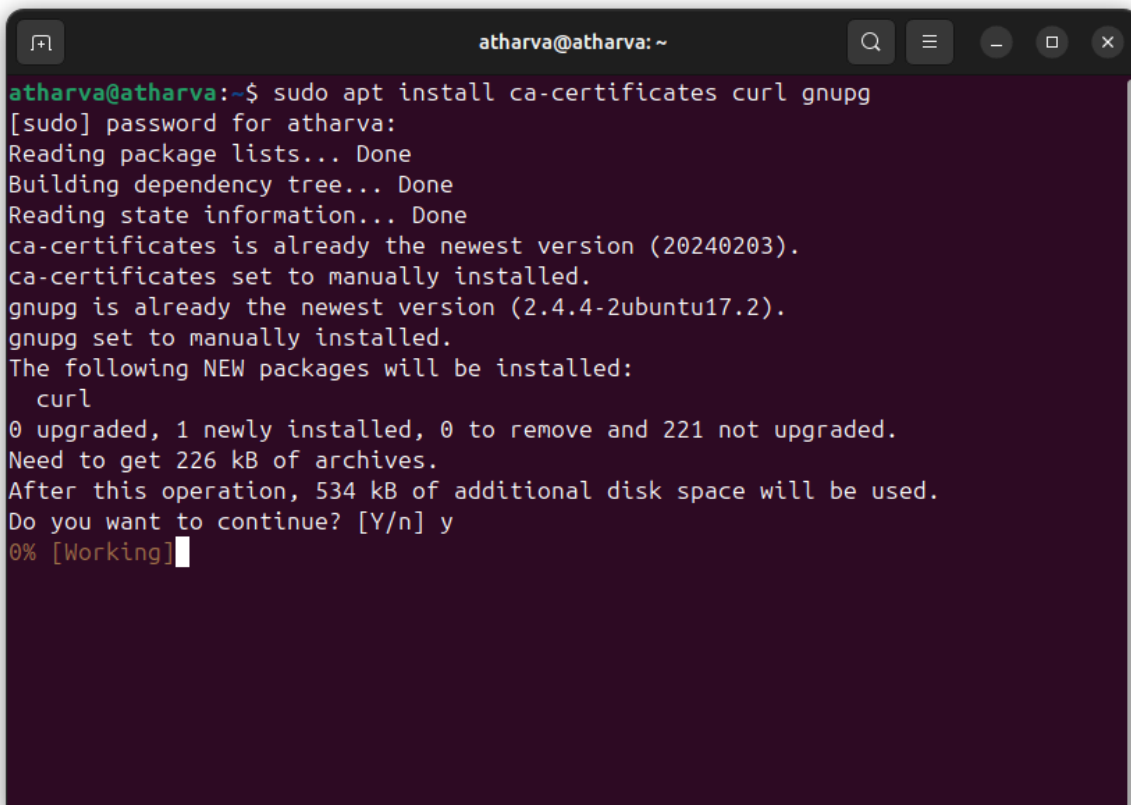


Aim:

To implement and configure Greenbone Vulnerability Management (GVM) for effective monitoring and scanning of network vulnerabilities, ensuring proactive detection of security issues and improving overall cybersecurity posture.

Objectives:

- To install and configure Greenbone GVM for vulnerability scanning of hosts and network infrastructure.
- To enable real-time alerting for detected vulnerabilities and critical security risks.
- To monitor systems for weaknesses such as outdated software, misconfigurations, and open ports.
- To integrate additional feeds and plugins for comprehensive vulnerability coverage.
- To enhance IT security reliability through proactive vulnerability management and threat detection.

Tools Used:**VirtualBox****Ubuntu (Linux OS)****Greenbone Vulnerability Management (GVM)****Greenbone Security Assistant (GSA)**A terminal window titled 'atharva@atharva: ~' showing the command 'sudo apt install ca-certificates curl gnupg'. The output indicates that 'ca-certificates' and 'gnupg' are already at the newest versions and set to manually installed, while 'curl' is a new package to be installed. The terminal shows the progress of the installation, including disk space requirements and a confirmation prompt which was answered 'y'.

```
atharva@atharva:~$ sudo apt install ca-certificates curl gnupg
[sudo] password for atharva:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ca-certificates is already the newest version (20240203).
ca-certificates set to manually installed.
gnupg is already the newest version (2.4.4-2ubuntu17.2).
gnupg set to manually installed.
The following NEW packages will be installed:
  curl
0 upgraded, 1 newly installed, 0 to remove and 221 not upgraded.
Need to get 226 kB of archives.
After this operation, 534 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
0% [Working]
```

```
atharva@atharva: ~  
Setting up curl (8.5.0-2ubuntu10.6) ...  
Processing triggers for man-db (2.12.0-4build2) ...  
atharva@atharva:~$ for pkg in docker.io docker-doc docker-compose podman-docker  
containerd runc; do sudo apt remove $pkg; done  
[sudo] password for atharva:  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following packages were automatically installed and are no longer required:  
  bridge-utils containerd pigz runc ubuntu-fan  
Use 'sudo apt autoremove' to remove them.  
The following packages will be REMOVED:  
  docker.io  
0 upgraded, 0 newly installed, 1 to remove and 221 not upgraded.  
After this operation, 124 MB disk space will be freed.  
Do you want to continue? [Y/n] y  
(Reading database ... 254647 files and directories currently installed.)  
Removing docker.io (26.1.3-0ubuntu1~24.04.1) ...  
'/usr/share/docker.io/contrib/nuke-graph-directory.sh' -> '/var/lib/docker/nuke-  
graph-directory.sh'  
Stopping 'docker.service', but its triggering units are still active:  
docker.socket  
Progress: [ 67%] [#####.....]
```

```
atharva@atharva: ~  
signed.  
N: Updating from such a repository can't be done securely, and is therefore disa  
bled by default.  
N: See apt-secure(8) manpage for repository creation and user configuration deta  
ils.  
atharva@atharva:~$ sudo apt install docker-ce docker-ce-cli containerd.io docker  
-compose-plugin  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following packages were automatically installed and are no longer required:  
  bridge-utils ubuntu-fan  
Use 'sudo apt autoremove' to remove them.  
The following additional packages will be installed:  
  docker-buildx-plugin docker-ce-rootless-extras libslirp0 slirp4netns  
Suggested packages:  
  cgroupfs-mount | cgroup-lite  
The following NEW packages will be installed:  
  containerd.io docker-buildx-plugin docker-ce docker-ce-cli  
  docker-ce-rootless-extras docker-compose-plugin libslirp0 slirp4netns  
0 upgraded, 8 newly installed, 0 to remove and 232 not upgraded.  
Need to get 120 MB of archives.  
After this operation, 439 MB of additional disk space will be used.  
Do you want to continue? [Y/n]
```

```
atharva@atharva: ~  
Setting up slirp4netns (1.2.1-1build2) ...  
Setting up docker-ce (5:28.1.1-1~ubuntu.24.04~noble) ...  
Could not execute systemctl: at /usr/bin/deb-systemd-invoke line 148.  
Processing triggers for man-db (2.12.0-4build2) ...  
Processing triggers for libc-bin (2.39-0ubuntu8.4) ...  
atharva@atharva:~$ sudo apt install docker-ce docker-ce-cli containerd.io docker  
-compose-plugin  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
docker-ce is already the newest version (5:28.1.1-1~ubuntu.24.04~noble).  
docker-ce-cli is already the newest version (5:28.1.1-1~ubuntu.24.04~noble).  
containerd.io is already the newest version (1.7.27-1).  
docker-compose-plugin is already the newest version (2.35.1-1~ubuntu.24.04~noble  
).  
The following packages were automatically installed and are no longer required:  
  bridge-utils ubuntu-fan  
Use 'sudo apt autoremove' to remove them.  
0 upgraded, 0 newly installed, 0 to remove and 232 not upgraded.  
atharva@atharva:~$ sudo usermod -aG docker $USER && su $USER  
Password:  
atharva@atharva:~$ export DOWNLOAD_DIR=$HOME/greenbone-community-container && mk  
dir -p $DOWNLOAD_DIR  
atharva@atharva:~$
```

```
atharva@atharva: ~  
atharva@atharva:~$ sudo apt install docker-ce docker-ce-cli containerd.io docker  
-compose-plugin  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
docker-ce is already the newest version (5:28.1.1-1~ubuntu.24.04~noble).  
docker-ce-cli is already the newest version (5:28.1.1-1~ubuntu.24.04~noble).  
containerd.io is already the newest version (1.7.27-1).  
docker-compose-plugin is already the newest version (2.35.1-1~ubuntu.24.04~noble  
).  
The following packages were automatically installed and are no longer required:  
  bridge-utils ubuntu-fan  
Use 'sudo apt autoremove' to remove them.  
0 upgraded, 0 newly installed, 0 to remove and 232 not upgraded.  
atharva@atharva:~$ sudo usermod -aG docker $USER && su $USER  
Password:  
atharva@atharva:~$ export DOWNLOAD_DIR=$HOME/greenbone-community-container && mk  
dir -p $DOWNLOAD_DIR  
atharva@atharva:~$ curl -f -O -L https://greenbone.github.io/docs/latest/_static  
/docker-compose.yml --output-dir "$DOWNLOAD_DIR"  
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current  
                                 Dload  Upload   Total   Spent    Left   Speed  
100 6642 100 6642    0     0  6450      0  0:00:01  0:00:01 --:--:-- 6454  
atharva@atharva:~$
```

```
tejasorke@tejasorke-VirtualBox:~$ sudo install -m 0755 -d /etc/apt/keyrings
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o
/etc/apt/keyrings/docker.gpg
sudo chmod a+r /etc/apt/keyrings/docker.gpg
echo \
"deb [arch="$(dpkg --print-architecture)" signed-by=/etc/apt/keyrings/docker.
pg] https://download.docker.com/linux/ubuntu \
"$(. /etc/os-release && echo "$VERSION_CODENAME")" stable" | \
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
sudo apt update
Get:1 https://download.docker.com/linux/ubuntu noble InRelease [48.8 kB]
Ign:2 https://pkg.jenkins.io/debian-stable binary/ InRelease
Hit:3 https://pkg.jenkins.io/debian-stable binary/ Release
Hit:4 http://in.archive.ubuntu.com/ubuntu noble InRelease
Get:5 http://in.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Hit:8 https://ppa.launchpadcontent.net/ansible/ansible/ubuntu noble InRelease
Ign:9 https://ppa.launchpadcontent.net/mrazavi/gvm/ubuntu noble InRelease
Err:10 https://ppa.launchpadcontent.net/mrazavi/gvm/ubuntu noble Release
404 Not Found [IP: 185.125.190.80 443]
Get:11 https://download.docker.com/linux/ubuntu noble/stable amd64 Packages [24.
0 kB]
Get:12 http://in.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
```

```
atharva@atharva: ~  
sudo systemctl enable docker  
Synchronizing state of docker.service with SysV service script with /usr/lib/sys  
temd/systemd-sysv-install.  
Executing: /usr/lib/systemd/systemd-sysv-install enable docker  
atharva@atharva:~$ docker compose -f $DOWNLOAD_DIR/docker-compose.yml pull  
[+] Pulling 2/17  
✓ configure-openvas Skipped - Image is already being pulled by openvas 0.0s  
✓ openvasd Skipped - Image is already being pulled by openvas 0.0s  
:: gvmdb Pulling 1.6s  
:: notus-data Pulling 1.6s  
:: openvas Pulling 1.6s  
:: gvm-tools Pulling 1.6s  
:: ospd-openvas Pulling 1.6s  
:: redis-server Pulling 1.6s  
:: pg-gvm Pulling 1.6s  
:: scap-data Pulling 1.6s  
:: vulnerability-tests Pulling 1.6s  
:: gpg-data Pulling 1.6s  
:: dfn-cert-data Pulling 1.6s  
:: report-formats Pulling 1.6s  
:: data-objects Pulling 1.6s  
:: gsa Pulling 1.6s  
:: cert-bund-data Pulling 1.6s
```

```
tejasorke@tejasorke-VirtualBox: ~  
tejasorke@tejasorke-VirtualBox: ~  
tejasorke@tejasorke-VirtualBox: ~  
tejasorke@tejasorke-VirtualBox:~$ sudo apt install docker-ce docker-ce-cli conta  
inerd.io docker-compose-plugin  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following packages were automatically installed and are no longer required:  
  bridge-utils python3-netifaces ubuntu-fan  
Use 'sudo apt autoremove' to remove them.  
The following additional packages will be installed:  
  docker-buildx-plugin docker-ce-rootless-extras libslirp0 slirp4netns  
Suggested packages:  
  cgroupfs-mount | cgroup-lite  
The following packages will be REMOVED:  
  containerd docker.io runc  
The following NEW packages will be installed:  
  containerd.io docker-buildx-plugin docker-ce docker-ce-cli  
  docker-ce-rootless-extras docker-compose-plugin libslirp0 slirp4netns  
0 upgraded, 8 newly installed, 3 to remove and 206 not upgraded.  
Need to get 120 MB of archives.  
After this operation, 139 MB of additional disk space will be used.  
Do you want to continue? [Y/n] y  
Get:1 https://download.docker.com/linux/ubuntu noble/stable amd64 containerd.io  
amd64 1.7.27-1 [30.5 MB]  
Get:2 http://in.archive.ubuntu.com/ubuntu noble/main amd64 libslirp0 amd64 4.7.0
```

Docker compose.yml

name: greenbone-community-edition

services:

vulnerability-tests:

image: registry.community.greenbone.net/community/vulnerability-tests

environment:

FEED_RELEASE: "24.10"

volumes:

- vt_data_vol:/mnt

notus-data:

image: registry.community.greenbone.net/community/notus-data

volumes:

- notus_data_vol:/mnt

scap-data:

image: registry.community.greenbone.net/community/scap-data

volumes:

- scap_data_vol:/mnt

cert-bund-data:

image: registry.community.greenbone.net/community/cert-bund-data

volumes:

- cert_data_vol:/mnt

dfn-cert-data:

image: registry.community.greenbone.net/community/dfn-cert-data

volumes:

- cert_data_vol:/mnt

depends_on:

- cert-bund-data

data-objects:

image: registry.community.greenbone.net/community/data-objects

environment:

FEED_RELEASE: "24.10"

volumes:

- data_objects_vol:/mnt

report-formats:

image: registry.community.greenbone.net/community/report-formats

environment:

FEED_RELEASE: "24.10"

volumes:

- data_objects_vol:/mnt

depends_on:

- data-objects

gpg-data:

image: registry.community.greenbone.net/community/gpg-data

volumes:

- gpg_data_vol:/mnt

redis-server:

image: registry.community.greenbone.net/community/redis-server

restart: on-failure

volumes:

- redis_socket_vol:/run/redis/

pg-gvm:

image: registry.community.greenbone.net/community/pg-gvm:stable

restart: on-failure

volumes:

- psql_data_vol:/var/lib/postgresql
- psql_socket_vol:/var/run/postgresql

gvmd:

image: registry.community.greenbone.net/community/gvmd:stable

restart: on-failure

volumes:

- gvmd_data_vol:/var/lib/gvm
- scap_data_vol:/var/lib/gvm/scap-data/
- cert_data_vol:/var/lib/gvm/cert-data
- data_objects_vol:/var/lib/gvm/data-objects/gvmd

- vt_data_vol:/var/lib/openvas/plugins
- psql_data_vol:/var/lib/postgresql
- gvmd_socket_vol:/run/gvmd
- ospd_openvas_socket_vol:/run/ospd
- psql_socket_vol:/var/run/postgresql

depends_on:

pg-gvm:

condition: service_started

scap-data:

condition: service_completed_successfully

cert-bund-data:

condition: service_completed_successfully

dfn-cert-data:

condition: service_completed_successfully

data-objects:

condition: service_completed_successfully

report-formats:

condition: service_completed_successfully

gsa:

image: registry.community.greenbone.net/community/gsa:stable

restart: on-failure

ports:

- 127.0.0.1:9392:80

volumes:

- gvmd_socket_vol:/run/gvmd

depends_on:

- gvmd

Sets log level of openvas to the set LOG_LEVEL within the env

and changes log output to /var/log/openvas instead /var/log/gvm

to reduce likelihood of unwanted log interferences

configure-openvas:

image: registry.community.greenbone.net/community/openvas-scanner:stable

volumes:

- openvas_data_vol:/mnt
- openvas_log_data_vol:/var/log/openvas

command:

- /bin/sh

- -c

- |

printf "table_driven_lsc = yes\nopenvasd_server = http://openvasd:80\n" >
/mnt/openvas.conf

sed "s/127/128/" /etc/openvas/openvas_log.conf | sed 's/gvm/openvas/' >
/mnt/openvas_log.conf

chmod 644 /mnt/openvas.conf

chmod 644 /mnt/openvas_log.conf

touch /var/log/openvas/openvas.log

chmod 666 /var/log/openvas/openvas.log

shows logs of openvas

openvas:

image: registry.community.greenbone.net/community/openvas-scanner:stable

restart: on-failure

volumes:

- openvas_data_vol:/etc/openvas
- openvas_log_data_vol:/var/log/openvas

command:

- /bin/sh

- -c

- |

cat /etc/openvas/openvas.conf

```
tail -f /var/log/openvas/openvas.log
```

depends_on:

configure-openvas:

condition: service_completed_successfully

openvasd:

image: registry.community.greenbone.net/community/openvas-scanner:stable

restart: on-failure

environment:

`service_notus` is set to disable everything but notus,

if you want to utilize openvasd directly, remove `OPENVASD_MODE`

OPENVASD_MODE: service_notus

GNUPGHOME: /etc/openvas/gnupg

LISTENING: 0.0.0.0:80

volumes:

- openvas_data_vol:/etc/openvas

- openvas_log_data_vol:/var/log/openvas

- gpg_data_vol:/etc/openvas/gnupg

- notus_data_vol:/var/lib/notus

enable port forwarding when you want to use the http api from your host machine

ports:

- 127.0.0.1:3000:80

depends_on:

vulnerability-tests:

condition: service_completed_successfully

configure-openvas:

condition: service_completed_successfully

gpg-data:

condition: service_completed_successfully

networks:

default:

aliases:

- openvasd

ospd-openvas:

image: registry.community.greenbone.net/community/ospd-openvas:stable

restart: on-failure

hostname: ospd-openvas.local

cap_add:

- NET_ADMIN # for capturing packages in promiscuous mode
- NET_RAW # for raw sockets e.g. used for the boreas alive detection

security_opt:

- seccomp=unconfined
- apparmor=unconfined

command:

```
[  
  "ospd-openvas",  
  "-f",  
  "--config",  
  "/etc/gvm/ospd-openvas.conf",  
  "--notus-feed-dir",  
  "/var/lib/notus/advisories",  
  "-m",  
  "666",  
]
```

volumes:

- gpg_data_vol:/etc/openvas/gnupg
- vt_data_vol:/var/lib/openvas/plugins
- notus_data_vol:/var/lib/notus
- ospd_openvas_socket_vol:/run/ospd

- redis_socket_vol:/run/redis/
- openvas_data_vol:/etc/openvas/
- openvas_log_data_vol:/var/log/openvas

depends_on:

redis-server:

condition: service_started

gpg-data:

condition: service_completed_successfully

vulnerability-tests:

condition: service_completed_successfully

configure-openvas:

condition: service_completed_successfully

gvm-tools:

image: registry.community.greenbone.net/community/gvm-tools

volumes:

- gvmd_socket_vol:/run/gvmd
- ospd_openvas_socket_vol:/run/ospd

depends_on:

- gvmd
- ospd-openvas

volumes:

gpg_data_vol:

scap_data_vol:

cert_data_vol:

data_objects_vol:

gvmd_data_vol:

psql_data_vol:

vt_data_vol:

notus_data_vol:

psql_socket_vol:

gvmd_socket_vol:

ospd_openvas_socket_vol:

redis_socket_vol:

openvas_data_vol:

openvas_log_data_vol:

```
tejasorke@tejasorke-VirtualBox: ~  
tejasorke@tejasorke-VirtualBox: ~  
% Total      % Received % Xferd  Average Speed   Time    Time     Time  Current  
             Dload  Upload   Total     Spent    Left     Speed  
100 6642 100 6642    0     0 16019      0 --:--:-- --:--:-- --:--:-- 16043  
tejasorke@tejasorke-VirtualBox:~$ docker compose -f $DOWNLOAD_DIR/docker-compose  
.yaml pull  
[+] Pulling 95/107  
✓ configure-openvas Skipped - Image is already being pulled by openvasd 0.0s  
✓ openvas Skipped - Image is already being pulled by openvasd 0.0s  
: gvmd [#####] 182.6MB / 248.1MB Pulling 235.3s  
✓ ospd-openvas Pulled 230.1s  
: vulnerability-tests [ ] Pulling 235.3s  
: scap-data [ ] Pulling 235.3s  
✓ openvasd Pulled 150.1s  
✓ report-formats Pulled 166.1s  
✓ gvm-tools Pulled 74.5s  
✓ cert-bund-data Pulled 4.1s  
✓ notus-data Pulled 4.4s  
✓ gsa Pulled 89.6s  
✓ redis-server Pulled 77.0s  
✓ dfn-cert-data Pulled 5.2s  
✓ data-objects Pulled 4.2s  
✓ gpg-data Pulled 4.2s  
: pg-gvm [#####] 77.85MB / 140.6MB Pulling 235.3s
```

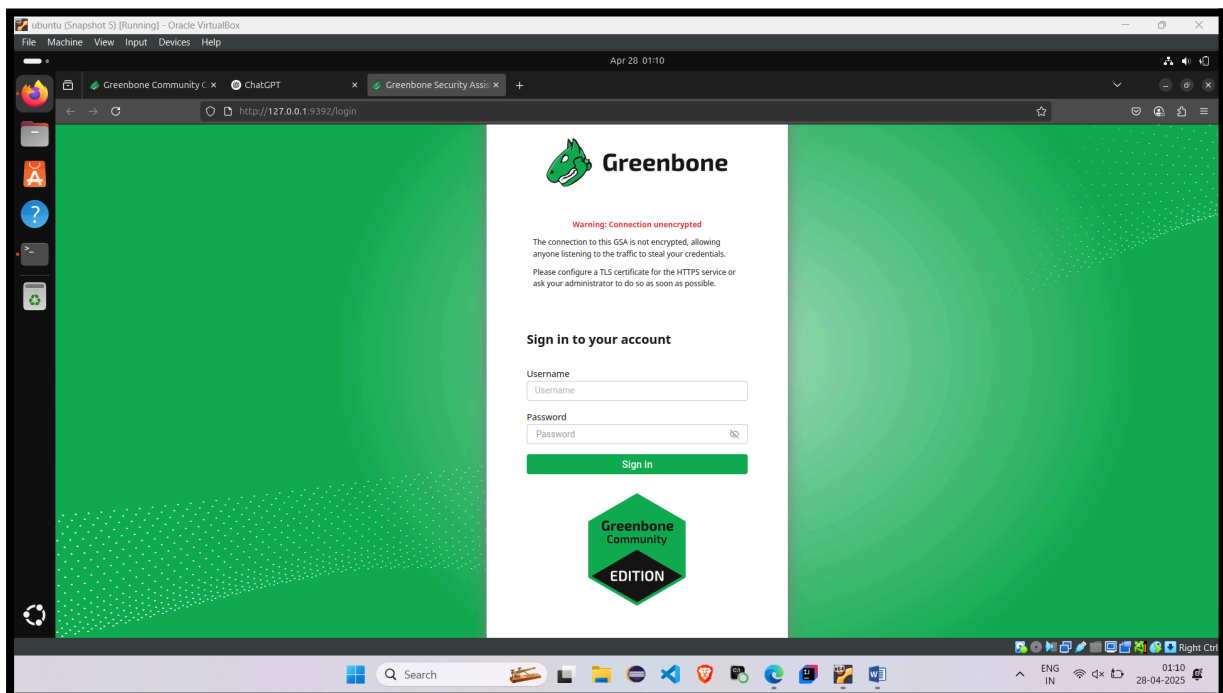
```
tejasorke@tejasorke-VirtualBox: ~  
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current  
          Dload  Upload   Total     Spent    Left     Speed  
100 6642 100 6642    0     0 16019      0 --:--:-- --:--:-- --:--:-- 16043  
tejasorke@tejasorke-VirtualBox:~$ docker compose -f $DOWNLOAD_DIR/docker-compose  
.yaml pull  
[+] Pulling 107/107  
✓ configure-openvas Skipped - Image is already being pulled by openvasd 0.0s  
✓ openvas Skipped - Image is already being pulled by openvasd 0.0s  
✓ gvm Pulling 353.2s  
✓ ospd-openvas Pulling 230.1s  
✓ vulnerability-tests Pulling 1878.4s  
✓ scap-data Pulling 1000.9s  
✓ openvasd Pulling 150.1s  
✓ report-formats Pulling 166.1s  
✓ gvm-tools Pulling 74.5s  
✓ cert-bund-data Pulling 4.1s  
✓ notus-data Pulling 4.4s  
✓ gsa Pulling 89.6s  
✓ redis-server Pulling 77.0s  
✓ dfn-cert-data Pulling 5.2s  
✓ data-objects Pulling 4.2s  
✓ gpg-data Pulling 4.2s  
✓ pg-gvm Pulling 278.5s  
tejasorke@tejasorke-VirtualBox:~$
```

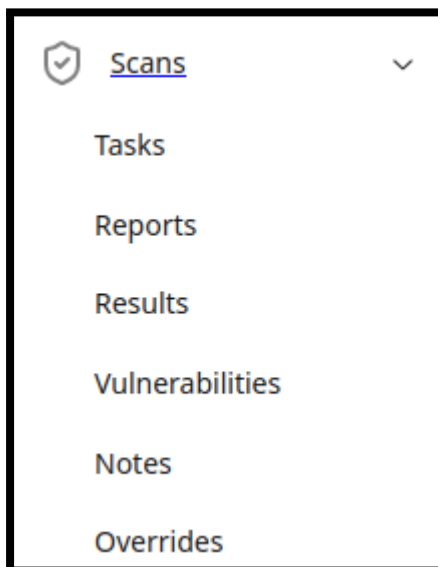
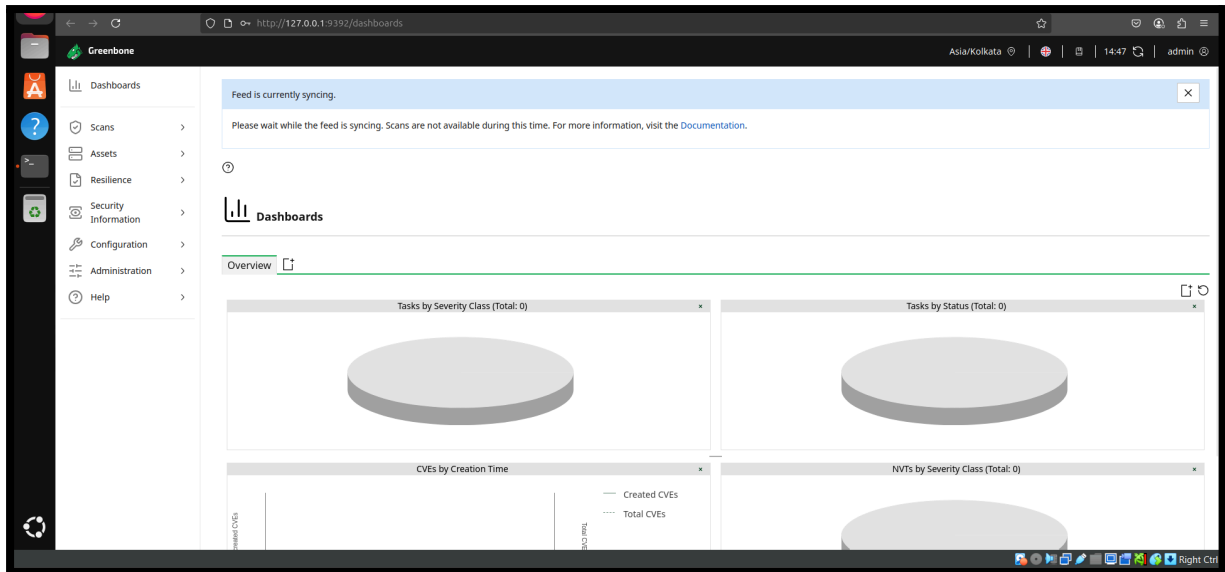
```
tejasorke@tejasorke-VirtualBox: ~  
✓ pg-gvm Pulled 278.5s  
tejasorke@tejasorke-VirtualBox:~$ docker compose -f $DOWNLOAD_DIR/docker-compose  
.yml up -d  
[+] Running 15/24  
✓ Network greenbone-community-edition_default Created 1.7s  
[+] Running 15/24one-community-edition_gvmd_socket_vol" Created 0.1s  
✓ Network greenbone-community-edition_default Created 1.7s  
[+] Running 15/24one-community-edition_gvmd_socket_vol" Created 0.1s  
✓ Network greenbone-community-edition_default Created 1.7s  
[+] Running 15/24one-community-edition_gvmd_socket_vol" Created 0.1s  
✓ Network greenbone-community-edition_default Created 1.7s  
[+] Running 15/24one-community-edition_gvmd_socket_vol" Created 0.1s  
✓ Network greenbone-community-edition_default Created 1.7s  
[+] Running 15/24one-community-edition_gvmd_socket_vol" Created 0.1s  
✓ Network greenbone-community-edition_default Created 1.7s  
[+] Running 15/24one-community-edition_gvmd_socket_vol" Created 0.1s  
✓ Network greenbone-community-edition_default Created 1.7s  
[+] Running 15/24one-community-edition_gvmd_socket_vol" Created 0.1s  
✓ Network greenbone-community-edition_default Created 1.7s  
[+] Running 15/24one-community-edition_gvmd_socket_vol" Created 0.1s  
tejasorke@tejasorke-VirtualBox:~$ docker compose -f $DOWNLOAD_DIR/docker-compose  
.yml \\\n    exec -u gvmd gvmd gvmd --user=admin --new-password=Common#  
md main:MESSAGE:2025-04-27 19h39.05 utc:51: Greenbone Vulnerability Manager  
version 25.2.1 (DB revision 259)  
md manage: INFO:2025-04-27 19h39.05 utc:51: Modifying user password.  
md manage:MESSAGE:2025-04-27 19h39.06 utc:51: No SCAP database found  
tejasorke@tejasorke-VirtualBox:~$  
tejasorke@tejasorke-VirtualBox:~$ xdg-open "http://127.0.0.1:9392" 2>/dev/null >  
/dev/null &  
[1] 17644  
tejasorke@tejasorke-VirtualBox:~$
```

```
tejasorke@tejasorke-VirtualBox:~/greenbone-community-container$ sudo docker compose -f $DOWNLOAD_DIR/docker-compose.yml run --rm greenbone-feed-sync greenbone-feed-sync --type nasl
Trying to acquire lock on /var/lib/openvas/feed-update.lock
Acquired lock on /var/lib/openvas/feed-update.lock
: Downloading NASL files from
rsync://feed.community.greenbone.net/community/vulnerability-feed/24.10/vt-data/nasl/ to /var/lib/openvas/plugins
Releasing lock on /var/lib/openvas/feed-update.lock

tejasorke@tejasorke-VirtualBox:~/greenbone-community-container$ docker compose -f $DOWNLOAD_DIR/docker-compose.yml \
run --rm greenbone-feed-sync greenbone-feed-sync --type notus
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/24.10/vt-data/notus/ to /var/lib/notus
Releasing lock on /var/lib/openvas/feed-update.lock

tejasorke@tejasorke-VirtualBox:~/greenbone-community-container$
```





Task Wizard

Quick start: Immediately scan an IP address

IP address or hostname:

The default address is either your computer or your network gateway.

As a short-cut the following steps will be done for you:

1. Create a new Target
2. Create a new Task
3. Start this scan task right away

As soon as the scan progress is beyond 1%, you can already jump to the scan report by clicking on the progress bar in the "Status" column and review the results collected so far.

The Target and Task will be created using the defaults as configured in "My Settings".

By clicking the New Task icon you can create a new Task yourself.

Cancel

Start Scan

Name ↑	Status ↑↓	Reports ↑↓	Last Report ↑↓
Immediate scan of IP 172.20.0.1	<div><div></div>8 %</div>	1	

Observation :

The Docker-based deployment of Greenbone Vulnerability Management (GVM) using the provided docker-compose.yml demonstrates a modular and efficient setup for proactive cybersecurity monitoring. Each component—such as vulnerability feeds, OpenVAS scanner, and Greenbone Security Assistant (GSA)—is containerized for better scalability and isolation. The configuration supports real-time vulnerability detection, feed synchronization, and detailed report generation through GSA's web interface. By using volume mapping and service dependencies, the system ensures data persistence and smooth inter-container communication. Overall, this setup provides a robust foundation for automated, continuous vulnerability assessment in a networked environment.