

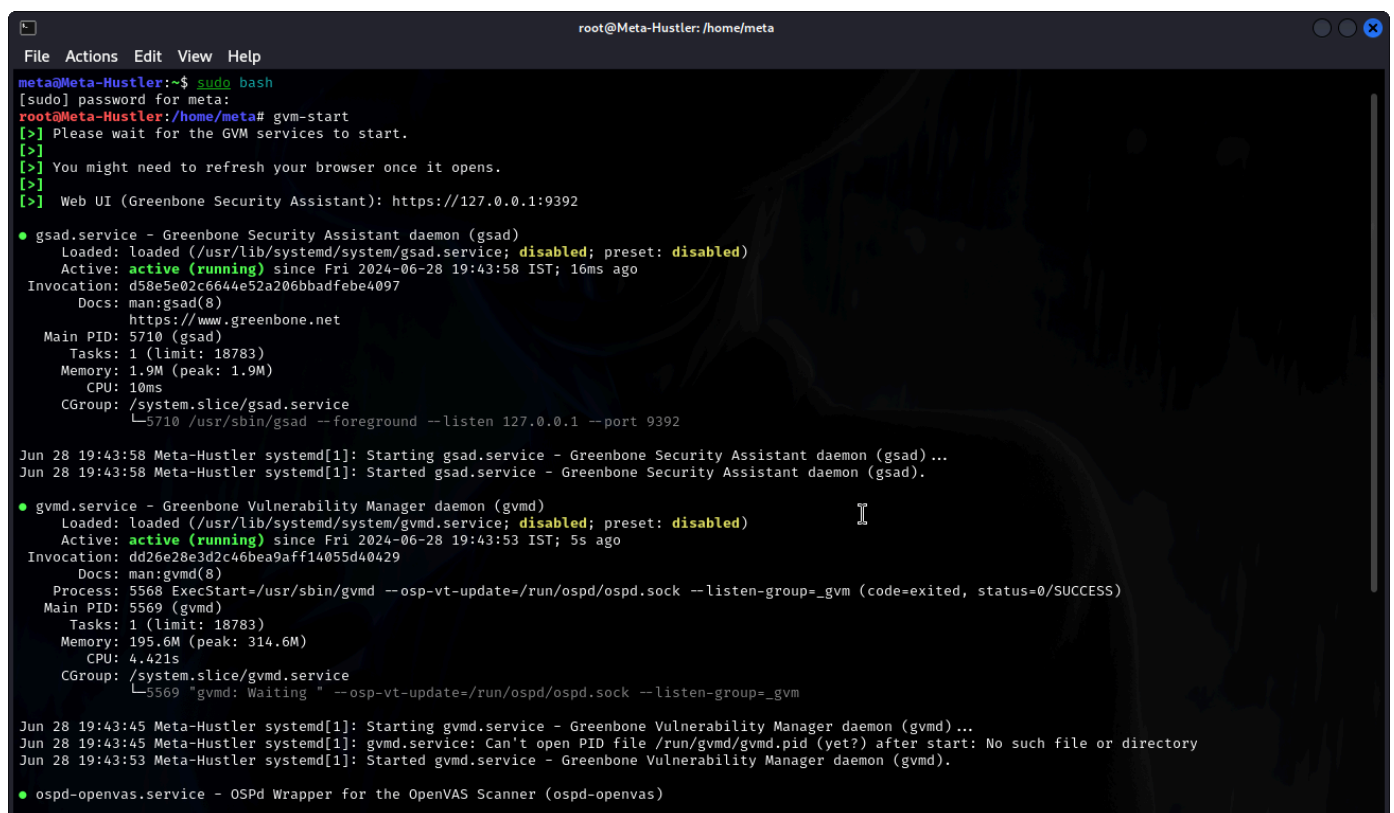
OpenVAS - GVM

OpenVAS - Open Vulnerability Assessment System

OpenVAS (Open Vulnerability Assessment System) is a comprehensive open-source tool used for vulnerability scanning and management. It provides a robust framework for detecting security issues across various network assets by identifying weaknesses in software configurations and implementations.

- OpenVAS can be started in local machine using :

```
gvm-start
```



```
root@Meta-Hustler: /home/meta
File Actions Edit View Help
meta@Meta-Hustler:~$ sudo bash
[sudo] password for meta:
root@Meta-Hustler:/home/meta# gvm-start
[>] Please wait for the GVM services to start.
[>]
[>] You might need to refresh your browser once it opens.
[>]
[>] Web UI (Greenbone Security Assistant): https://127.0.0.1:9392

• gsad.service - Greenbone Security Assistant daemon (gsad)
  Loaded: loaded (/usr/lib/systemd/system/gsad.service; disabled; preset: disabled)
  Active: active (running) since Fri 2024-06-28 19:43:58 IST; 16ms ago
  Invocation: d58e5e02c6644e52a206bbadfebe4097
  Docs: man:gsad(8)
        https://www.greenbone.net
  Main PID: 5710 (gsad)
  Tasks: 1 (limit: 18783)
  Memory: 1.9M (peak: 1.9M)
  CPU: 10ms
  CGroup: /system.slice/gsad.service
          └─5710 /usr/sbin/gsad --foreground --listen 127.0.0.1 --port 9392

Jun 28 19:43:58 Meta-Hustler systemd[1]: Starting gsad.service - Greenbone Security Assistant daemon (gsad)...
Jun 28 19:43:58 Meta-Hustler systemd[1]: Started gsad.service - Greenbone Security Assistant daemon (gsad).

• gvmd.service - Greenbone Vulnerability Manager daemon (gvmd)
  Loaded: loaded (/usr/lib/systemd/system/gvmd.service; disabled; preset: disabled)
  Active: active (running) since Fri 2024-06-28 19:43:53 IST; 5s ago
  Invocation: dd26e28e3d2c46bea9aff14055d40429
  Docs: man:gvmd(8)
  Process: 5568 ExecStart=/usr/sbin/gvmd --osp-vt-update=/run/ospd/ospd.sock --listen-group=_gvm (code=exited, status=0/SUCCESS)
  Main PID: 5569 (gvmd)
  Tasks: 1 (limit: 18783)
  Memory: 195.6M (peak: 314.6M)
  CPU: 4.421s
  CGroup: /system.slice/gvmd.service
          └─5569 "gvmd: Waiting " --osp-vt-update=/run/ospd/ospd.sock --listen-group=_gvm

Jun 28 19:43:45 Meta-Hustler systemd[1]: Starting gvmd.service - Greenbone Vulnerability Manager daemon (gvmd)...
Jun 28 19:43:45 Meta-Hustler systemd[1]: gvmd.service: Can't open PID file /run/gvmd/gvmd.pid (yet?) after start: No such file or directory
Jun 28 19:43:53 Meta-Hustler systemd[1]: Started gvmd.service - Greenbone Vulnerability Manager daemon (gvmd).

• ospd-openvas.service - OSPd Wrapper for the OpenVAS Scanner (ospd-openvas)
```

```
root@Meta-Hustler: /home/meta

File Actions Edit View Help

CGroup: /system.slice/gsad.service
└─5710 /usr/sbin/gsad --foreground --listen 127.0.0.1 --port 9392

Jun 28 19:43:58 Meta-Hustler systemd[1]: Starting gsad.service - Greenbone Security Assistant daemon (gsad)...
Jun 28 19:43:58 Meta-Hustler systemd[1]: Started gsad.service - Greenbone Security Assistant daemon (gsad).

● gvm.service - Greenbone Vulnerability Manager daemon (gvm)
   Loaded: loaded (/usr/lib/systemd/system/gvm.service; disabled; preset: disabled)
   Active: active (running) since Fri 2024-06-28 19:43:53 IST; 5s ago
  Invocation: dd26e28e3d2c46bea9aff14055d40429
     Docs: man:gvm(8)
   Process: 5568 ExecStart=/usr/sbin/gvmd --osp-vt-update=/run/ospd/ospd.sock --listen-group=_gvm (code=exited, status=0/SUCCESS)
  Main PID: 5569 (gvmd)
    Tasks: 1 (Limit: 18783)
   Memory: 195.6M (peak: 314.6M)
      CPU: 4.421s
   CGroup: /system.slice/gvmd.service
           └─5569 "gvmd: Waiting " --osp-vt-update=/run/ospd/ospd.sock --listen-group=_gvm

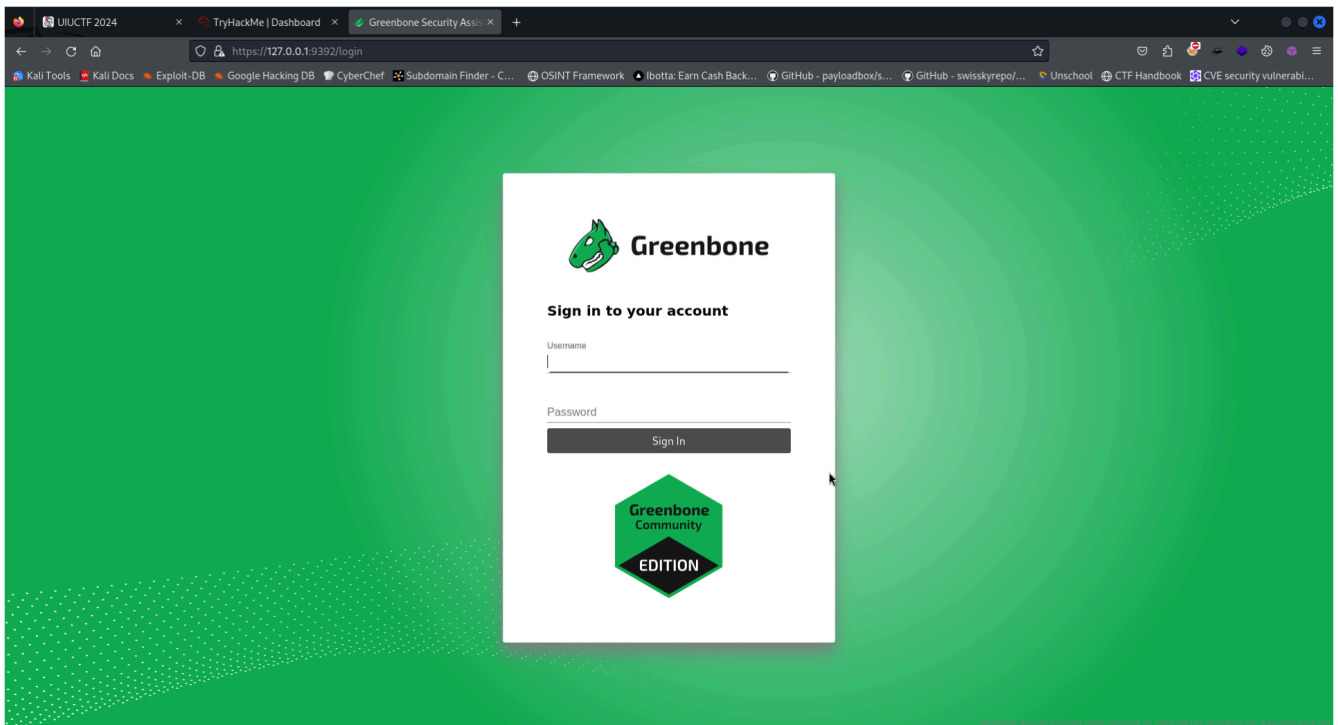
Jun 28 19:43:45 Meta-Hustler systemd[1]: Starting gvmd.service - Greenbone Vulnerability Manager daemon (gvmd)...
Jun 28 19:43:45 Meta-Hustler systemd[1]: gvmd.service: Can't open PID file /run/gvmd/gvmd.pid (yet?) after start: No such file or directory
Jun 28 19:43:53 Meta-Hustler systemd[1]: Started gvmd.service - Greenbone Vulnerability Manager daemon (gvmd).

● ospd-openvas.service - OSPd Wrapper for the OpenVAS Scanner (ospd-openvas)
   Loaded: loaded (/usr/lib/systemd/system/ospd-openvas.service; enabled; preset: disabled)
   Active: active (running) since Fri 2024-06-28 19:39:27 IST; 4min 31s ago
  Invocation: 7d6a49604e9f435ca135b70373fee62c
     Docs: man:ospd-openvas(8)
           man:openvas(8)
   Process: 1186 ExecStart=/usr/bin/ospd-openvas --config /etc/gvm/ospd-openvas.conf --log-config /etc/gvm/ospd-logging.conf (code=exited, status=0/SUCCESS)
  Main PID: 1219 (ospd-openvas)
    Tasks: 5 (Limit: 18783)
   Memory: 876.2M (peak: 916.7M)
      CPU: 56.379s
   CGroup: /system.slice/ospd-openvas.service
           └─1219 /usr/bin/python3 /usr/bin/ospd-openvas --config /etc/gvm/ospd-openvas.conf --log-config /etc/gvm/ospd-logging.conf
             └─1222 /usr/bin/python3 /usr/bin/ospd-openvas --config /etc/gvm/ospd-openvas.conf --log-config /etc/gvm/ospd-logging.conf

Jun 28 19:39:26 Meta-Hustler systemd[1]: Starting ospd-openvas.service - OSPd Wrapper for the OpenVAS Scanner (ospd-openvas)...
Jun 28 19:39:27 Meta-Hustler systemd[1]: Started ospd-openvas.service - OSPd Wrapper for the OpenVAS Scanner (ospd-openvas).

[>] Opening Web UI (https://127.0.0.1:9392) in: 5... 4... 3... 2... 1...
root@Meta-Hustler: /home/meta#
```

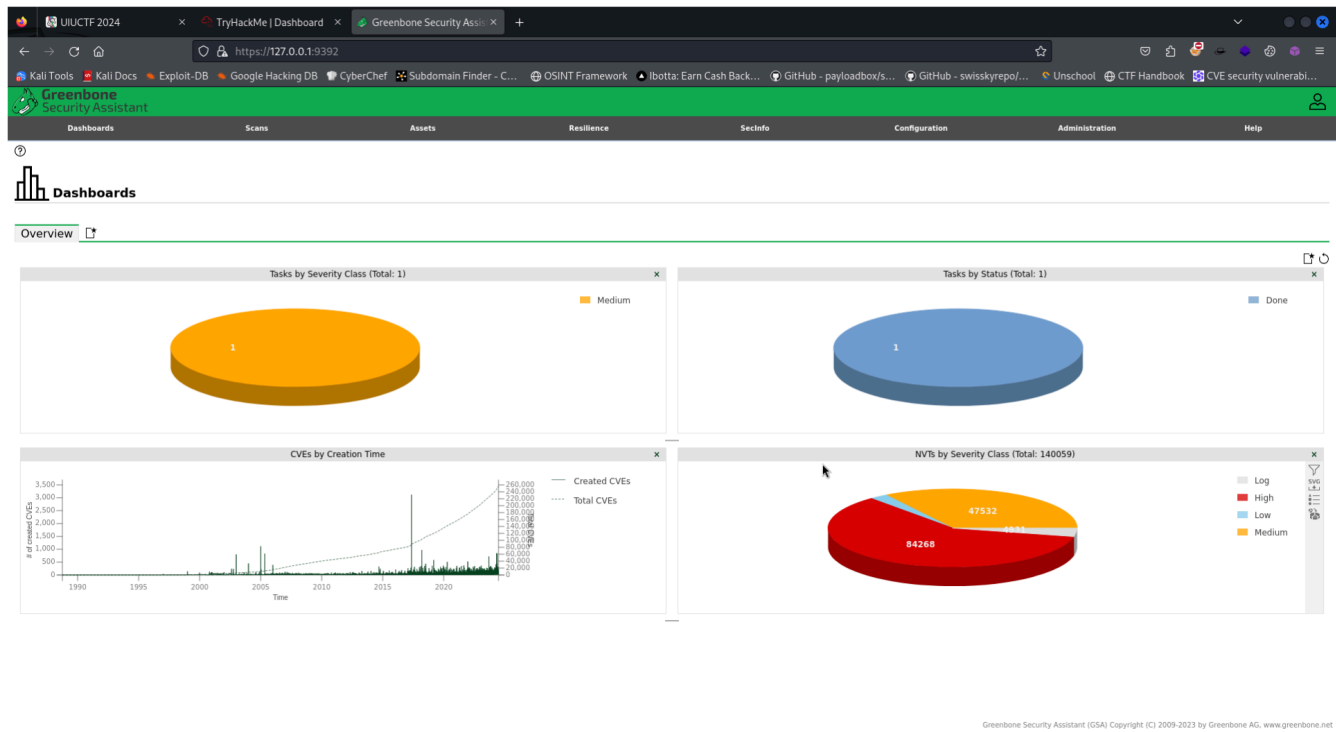
- And then the terminal takes us to the browser



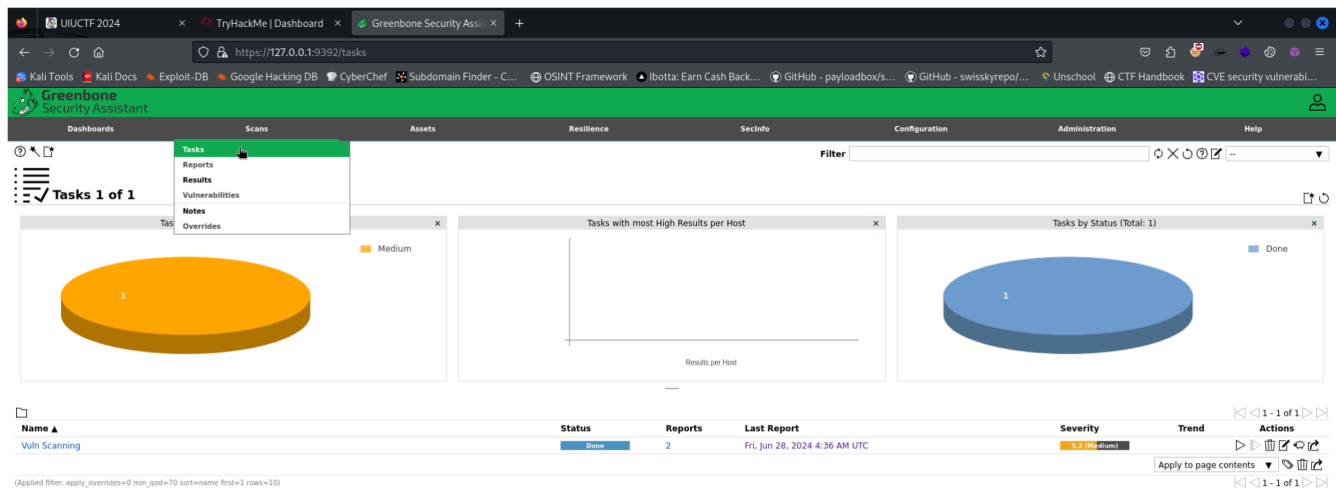
- we need to logged in with the username & password we got after the sunning the command :

`gvm-setup`

- The OpenVAS dashboard looks like this :



- Click on the **Scan** menu & click on Tasks

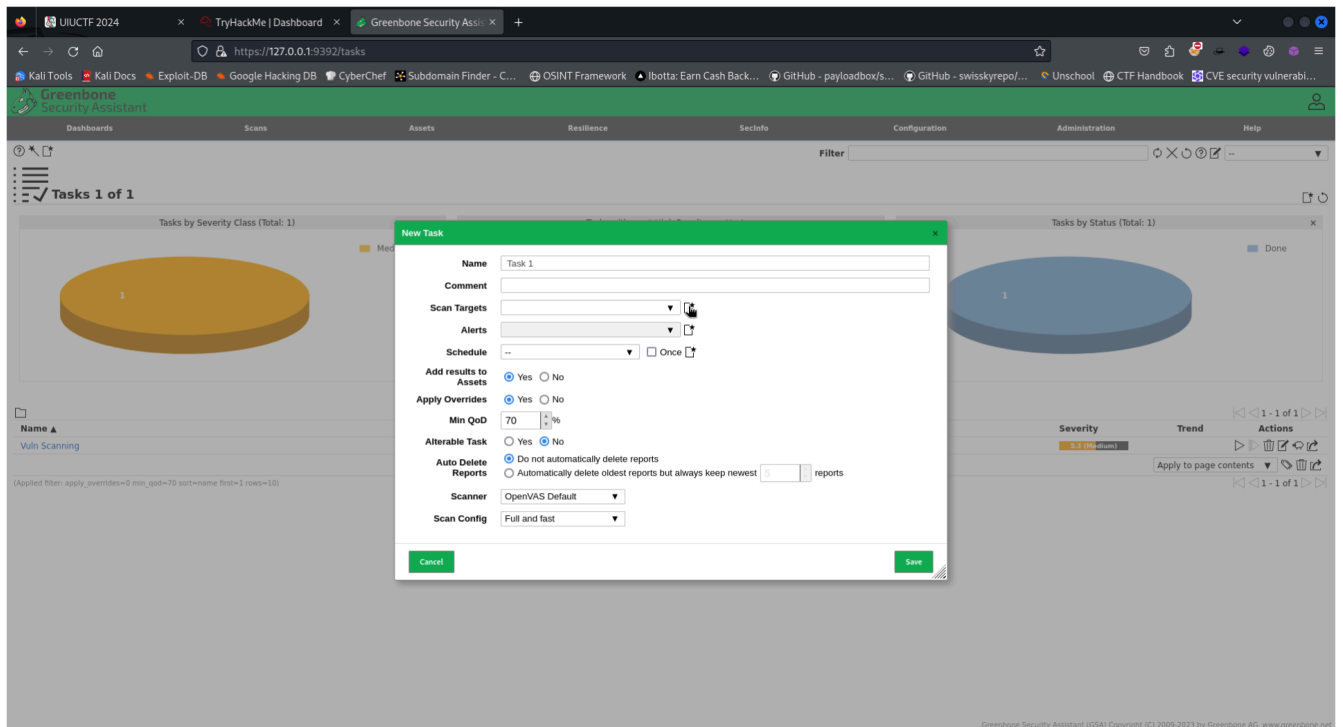


<https://127.0.0.1:9392/tasks>

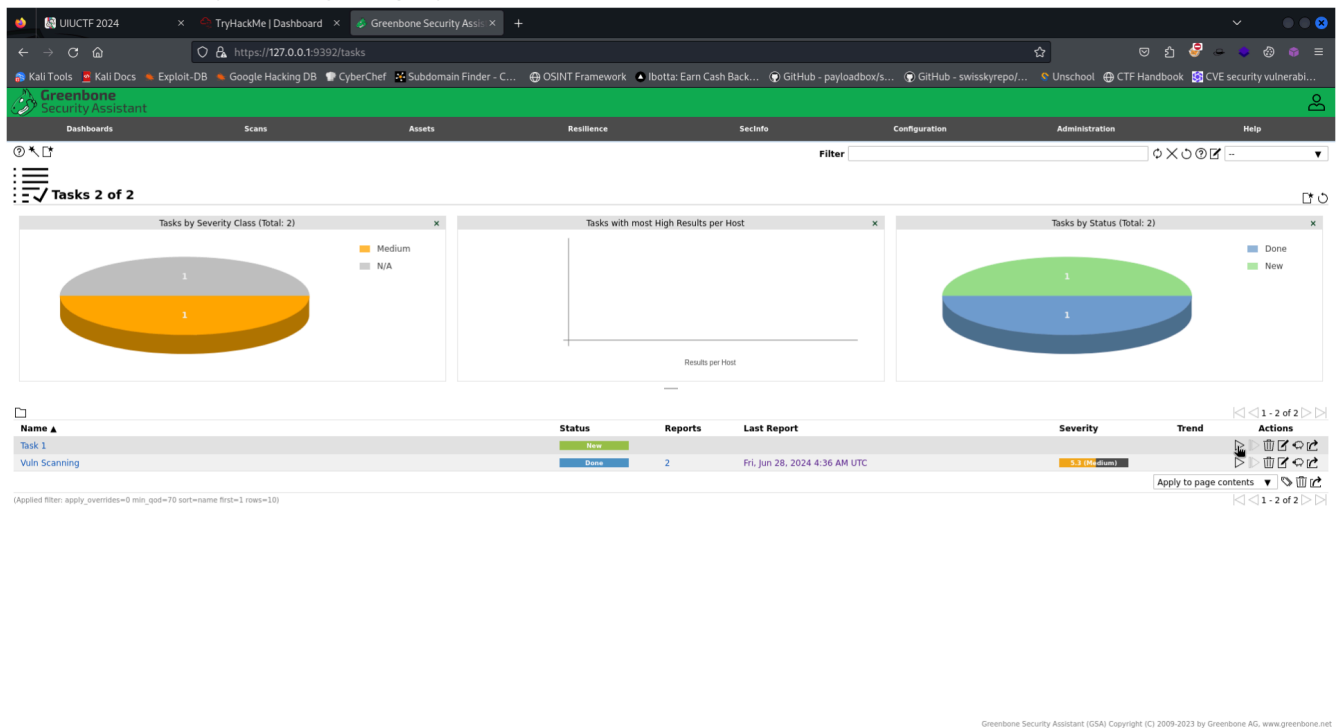
Greenbone Security Assistant (GSA) Copyright (C) 2009-2023 by Greenbone AG, www.greenbone.net

- Create new Task

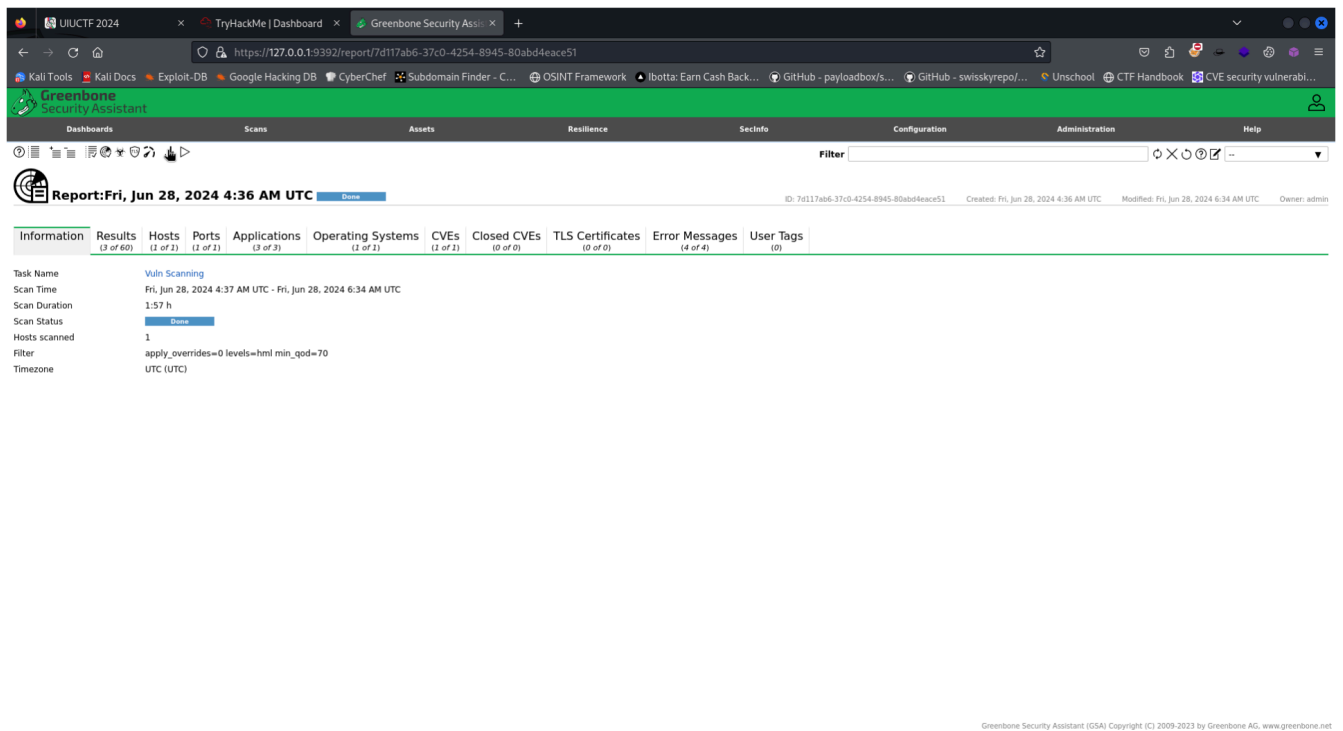
- Then create new Target by click new target :



- Start the scan by clicking the play button :



- After the scan is completed click on task and click on the download button to save the scanned report :



We can download the report in different formats such as :

- Anonymous XML
- XML
- PDF
- CSV
- TXT