

## Perform Vulnerability Analysis Using OpenVAS Greenbone

Use your virtual machine then open Kali Linux then go to Apps>Vulnerability Analysis>gvm-start then below screen will appear.

```
gvm.service - Greenbone Vulnerability Manager daemon (gvm)
  Loaded: loaded (/usr/lib/systemd/system/gvm.service; disabled; preset: disabled)
  Active: active (running) since Tue 2025-04-08 13:34:21 EDT; 15s ago
  Invocation: 453510eb9ccb457e95f69804c17c3eb
  Docs: man:gvm(8)
  Process: 2899 ExecStart=/usr/sbin/gvm --osp-vt-update=/run/ospd/ospd.sock --listen-group=_gvm (code=exited, status=0/SUCCESS)
  Main PID: 2901 (gvm)
  Tasks: 3 (limit: 4510)
  Memory: 562.7M (peak: 562.9M)
  CPU: 29.111s
  CGroup: /system.slice/gvm.service
          └─2901 "gvm: Waiting" --osp-vt-update=/run/ospd/ospd.sock --listen-group=_gvm
          └─2925 "gvm: Synchron" --osp-vt-update=/run/ospd/ospd.sock --listen-group=_gvm
          └─2928 "gvm: Syncing" --osp-vt-update=/run/ospd/ospd.sock --listen-group=_gvm

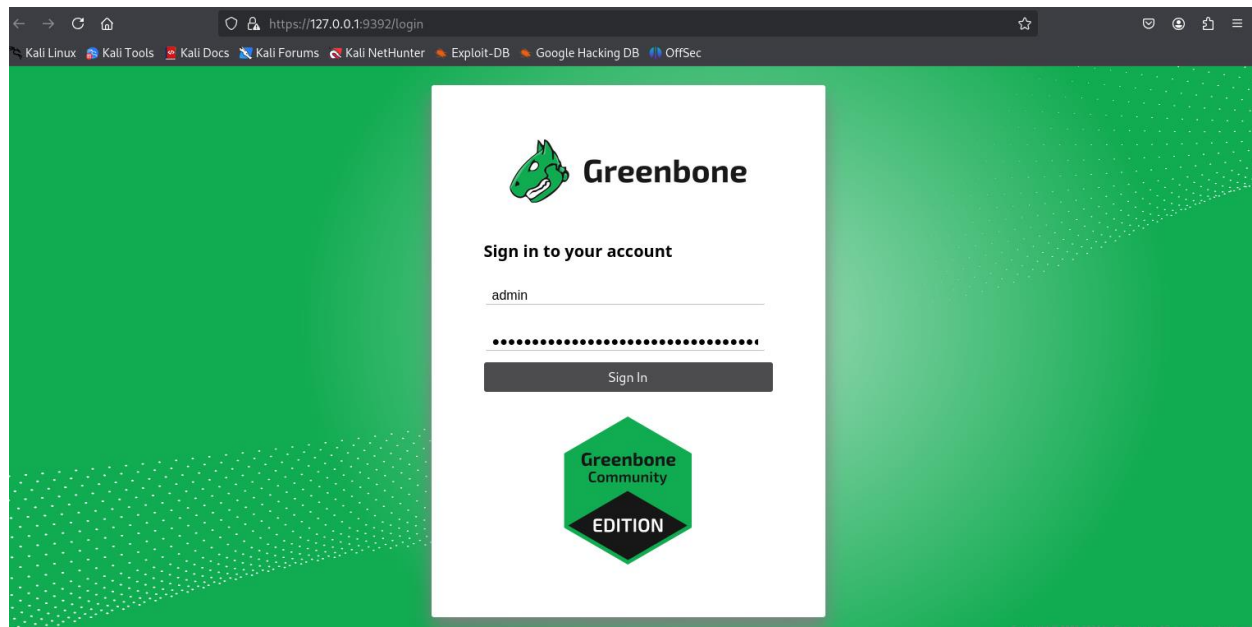
apr 08 13:33:52 kali systemd[1]: Starting gvm.service - Greenbone Vulnerability Manager daemon (gvm)...
apr 08 13:33:53 kali systemd[1]: gvm.service: Can't open PID file '/run/gvm/gvm.pid' (yet?) after start: No such file or directory
apr 08 13:34:21 kali systemd[1]: Started gvm.service - Greenbone Vulnerability Manager daemon (gvm).

ospd-openssl.service - OSPD Wrapper for the OpenVAS Scanner (ospd-openssl)
  Loaded: loaded (/usr/lib/systemd/system/ospd-openssl.service; disabled; preset: disabled)
  Active: active (running) since Tue 2025-04-08 13:32:46 EDT; 1min 49s ago
  Invocation: bb9d140e95004a9bb440f3bee385ee66
  Docs: man:ospd-openssl(8)
  Process: 2842 ExecStart=/usr/bin/ospd-openssl --config /etc/gvm/ospd-openssl.conf --log-config /etc/gvm/ospd-logging.conf (code=exited, status=0/SUCCESS)
  Main PID: 2861 (ospd-openssl)
  Tasks: 6 (limit: 4510)
  Memory: 501.3M (peak: 501.3M)
  CPU: 54.347s
  CGroup: /system.slice/ospd-openssl.service
          └─2861 /usr/bin/python3 /usr/bin/ospd-openssl --config /etc/gvm/ospd-openssl.conf --log-config /etc/gvm/ospd-logging.conf
          └─2863 /usr/bin/python3 /usr/bin/ospd-openssl --config /etc/gvm/ospd-openssl.conf --log-config /etc/gvm/ospd-logging.conf
          └─2863 "openssl: openssl: Reloaded 14200 of 93350 NVTs (15% / ETA: 02:58)"

apr 08 13:32:40 kali systemd[1]: Starting ospd-openssl.service - OSPD Wrapper for the OpenVAS Scanner (ospd-openssl)...
apr 08 13:32:46 kali systemd[1]: Started ospd-openssl.service - OSPD Wrapper for the OpenVAS Scanner (ospd-openssl).

>] Opening Web UI (https://127.0.0.1:9392) in: 5... 4... 3... 2... 1...
--(kali@kali)-[~]
```

Then it will automatically redirect to Firefox browser <https://127.0.0.1:9392/login> page.

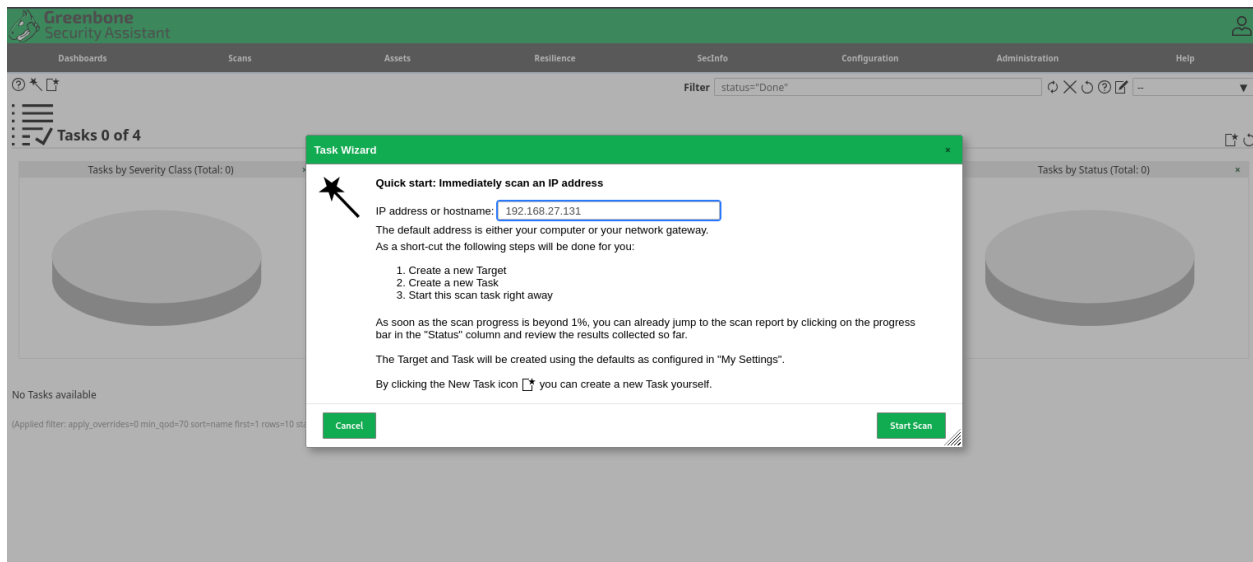


Then use your login password and login.

Navigate to Scans- → Tasks from the Menu bar.



The Task Wizard window appears enter the target IP address in the IP address or host name field, Target IP is 192.168.27.131 then start scan



Then below screen will appear.

