

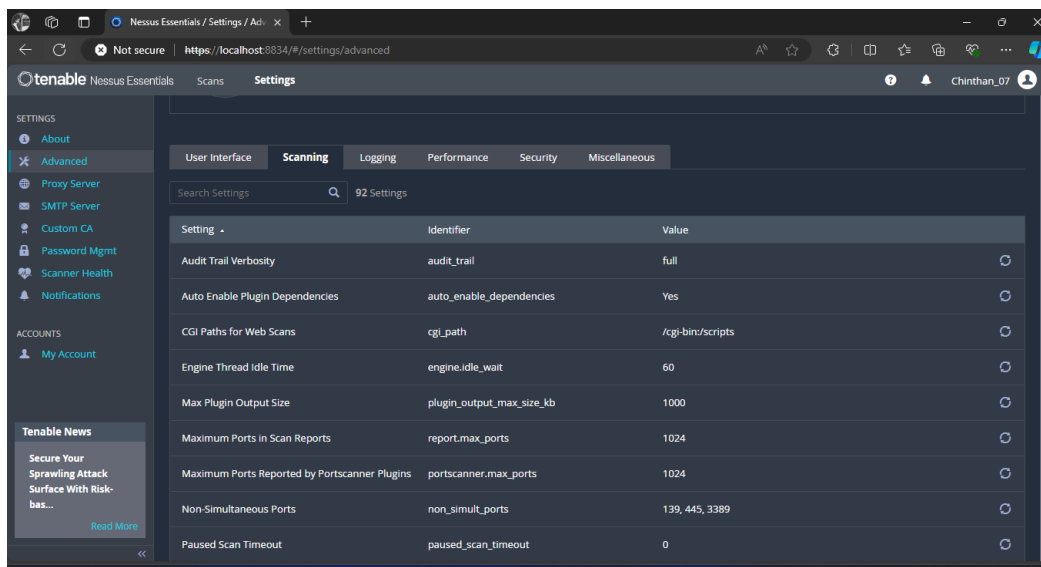
# Tenable Nessus Essentials

- Automated Vulnerability Scanner

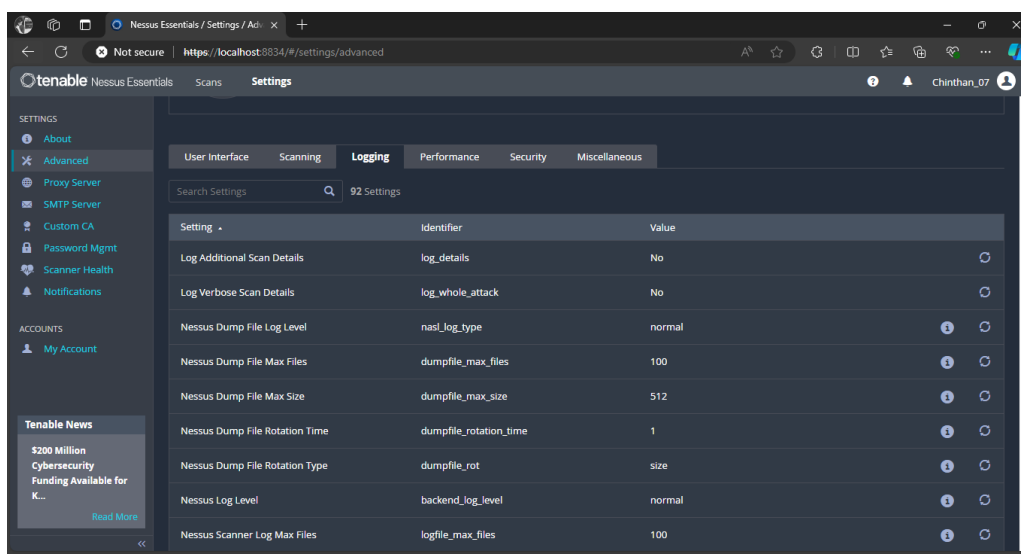
## Functionalities of Software:

### 1. Advanced Setting:

- **Scanning:** Originally by default, you can give the port range that you need to scan.

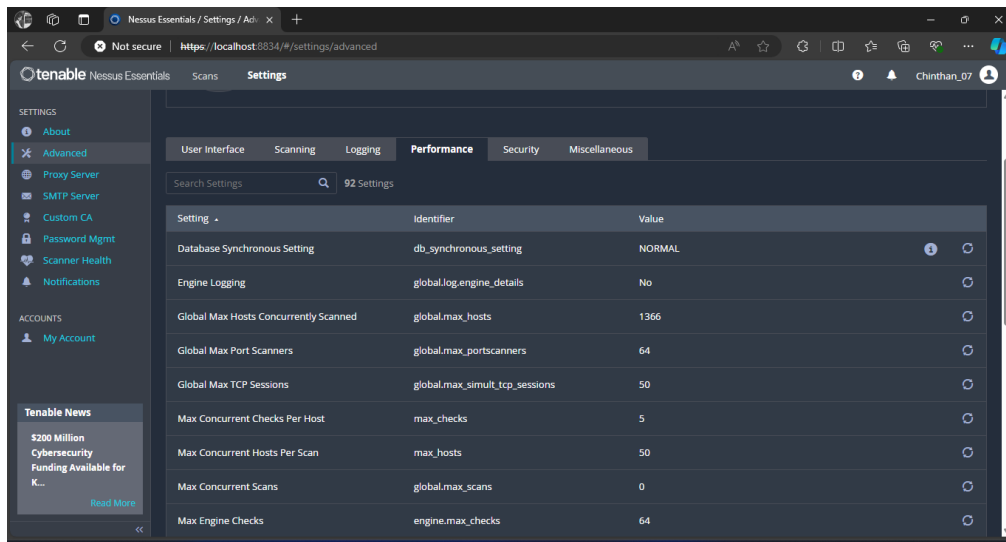


- **Logging:**
  - Information about log Files.



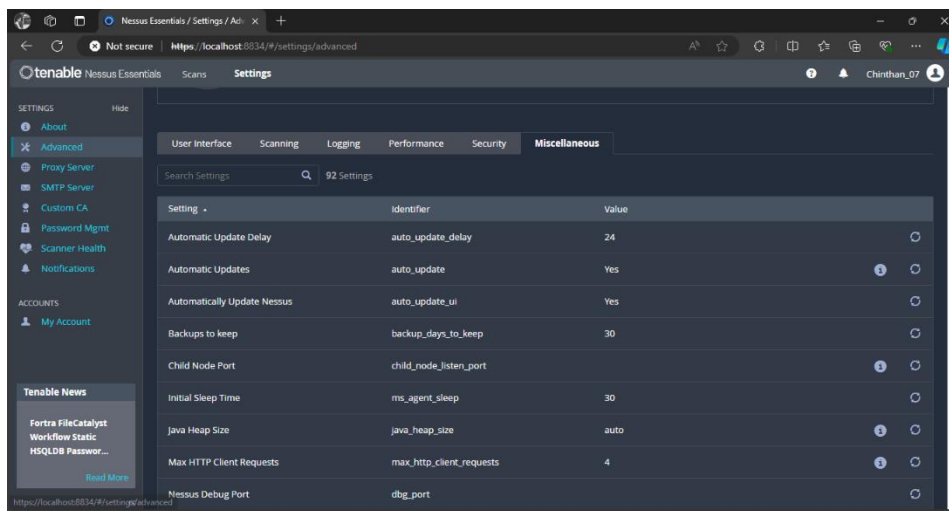
- **Performance:**

- Scan speeds, allocation of resources, max/min resources etc.



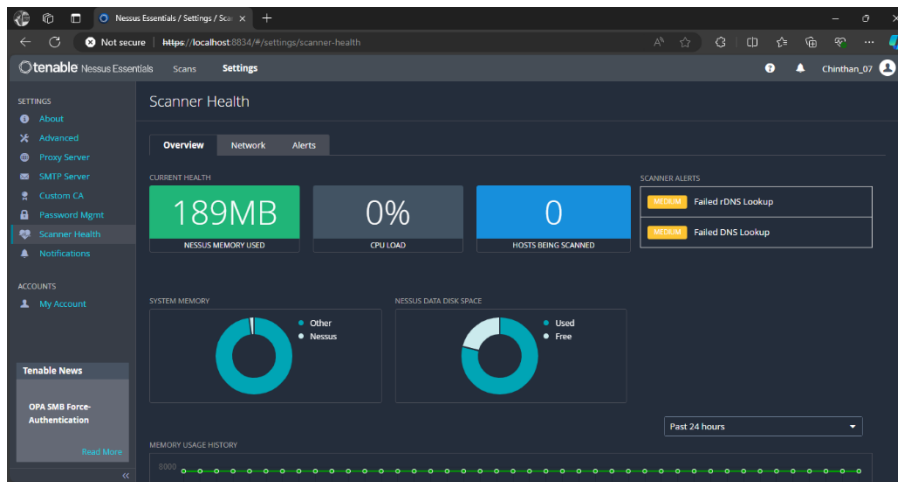
- **Miscellaneous:**

- Large number of options.
- Multiple IP's can be scanned by Nessus.

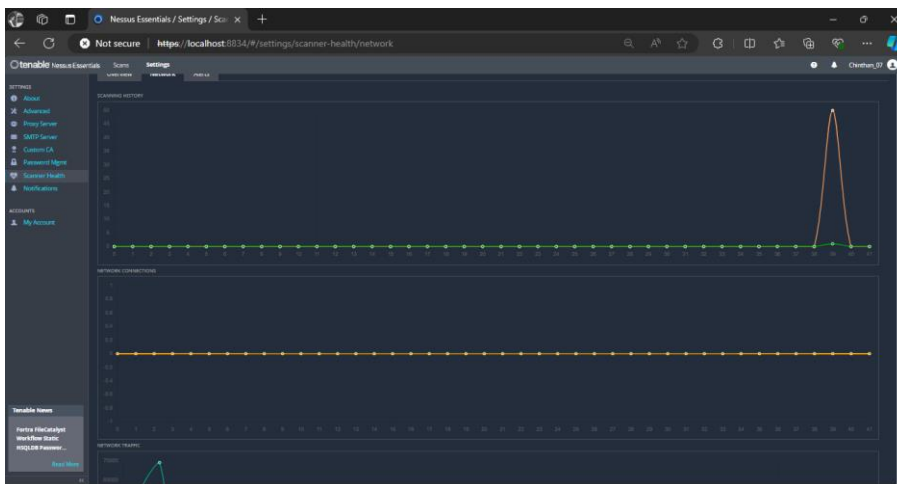


## 2. Scanner Health:

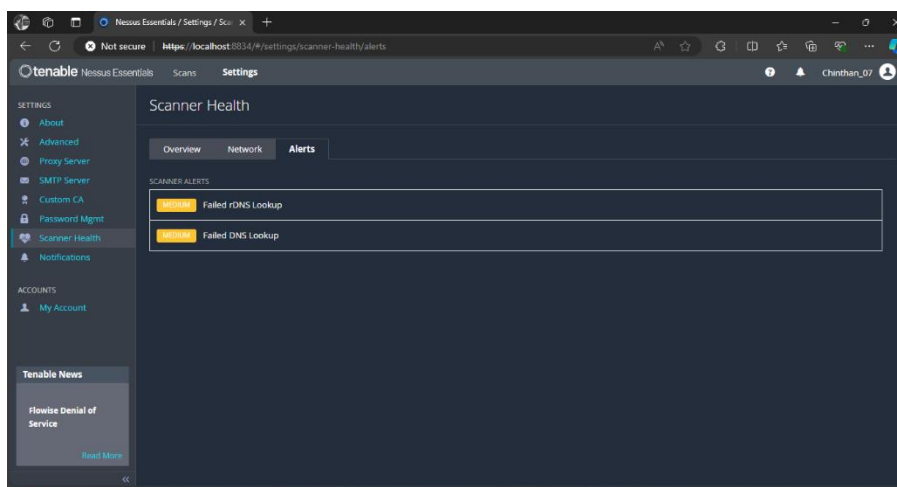
Memory Usage, CPU usage, network scan etc. (All in Visual representation)



Memory usage and other alerts.



Network traffics and scanning graphs



Alerts or vulnerables

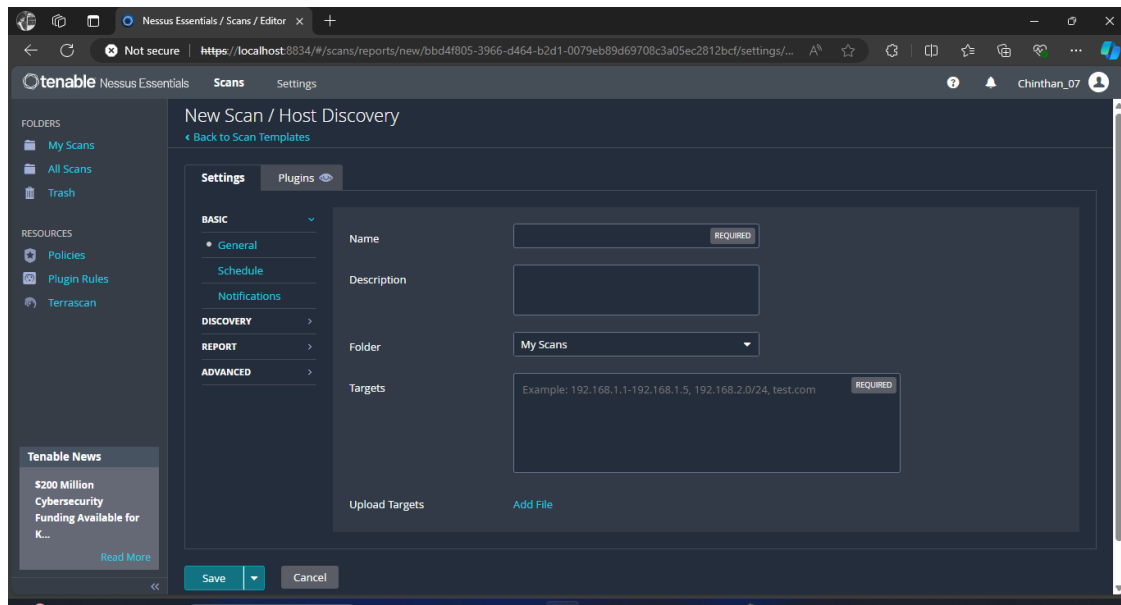
## My Scans:

- Create folders for scans.
- Objective is scanning for vulnerabilities.

## To Perform Host Discovery Scan:

### Basic:

- My Scans -> New Scans
- You can create your own Scan Templates.
- Variety of Scanning Options.



- Fill Information (Consider target as your own IP)
- In Schedule – Scheduling a scan on particular interval.
- Notifications – Send to recipients(Optional)

### Discovery:

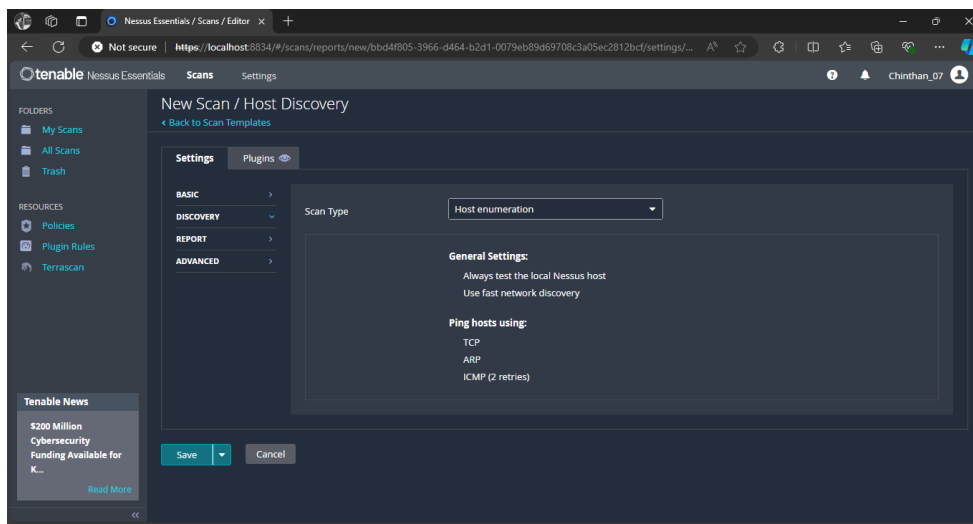
- Different Scan types are available.
- Different scan types have different settings and ping hosts.

### Report:

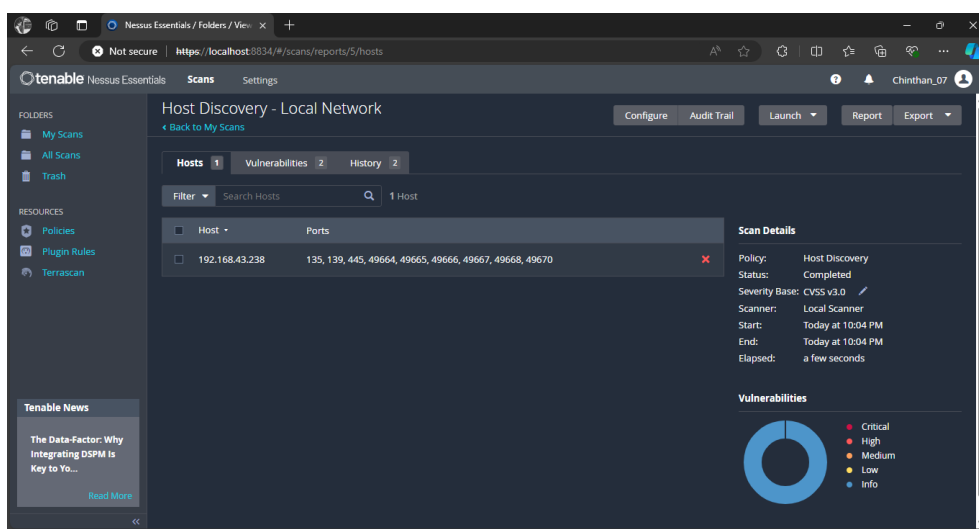
- Settings on How the report must look like.

### Advanced:

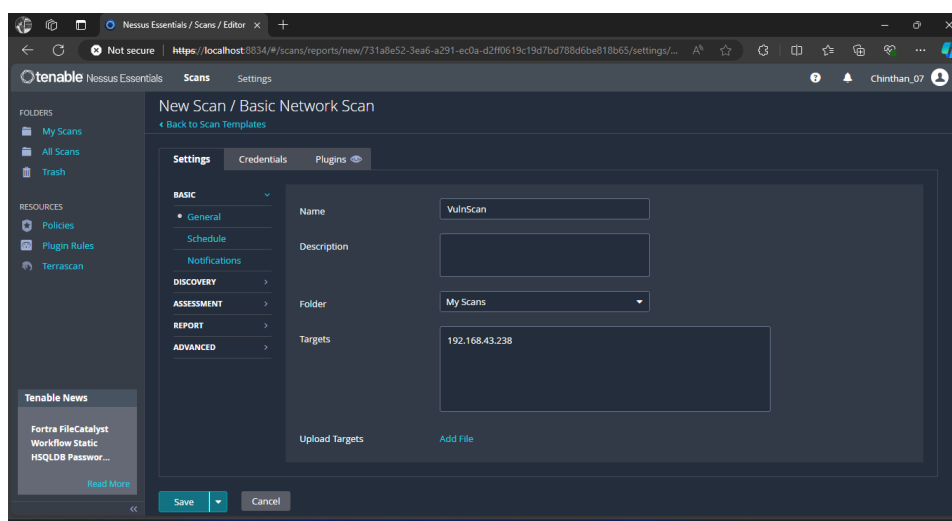
- Modify performances.

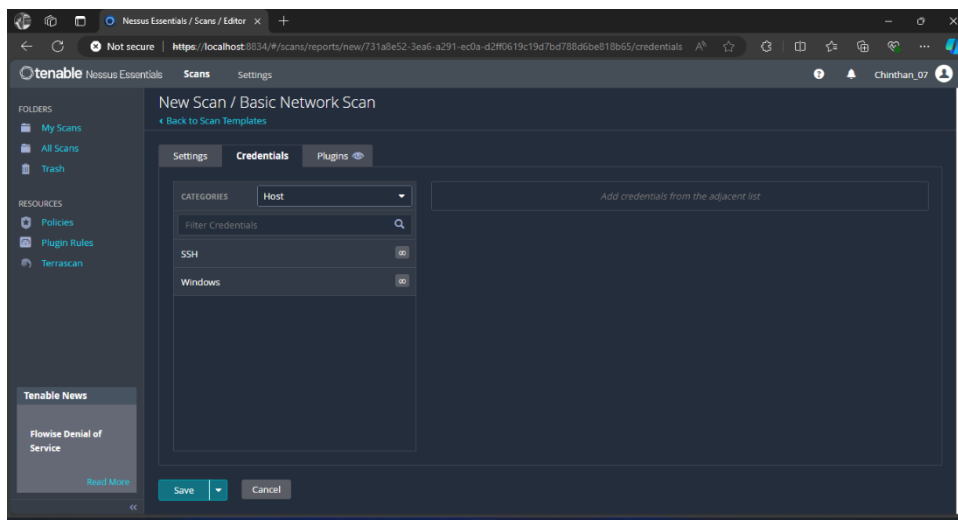


After launching the activity, it generates the reports on hosts, vulnerabilities and History.

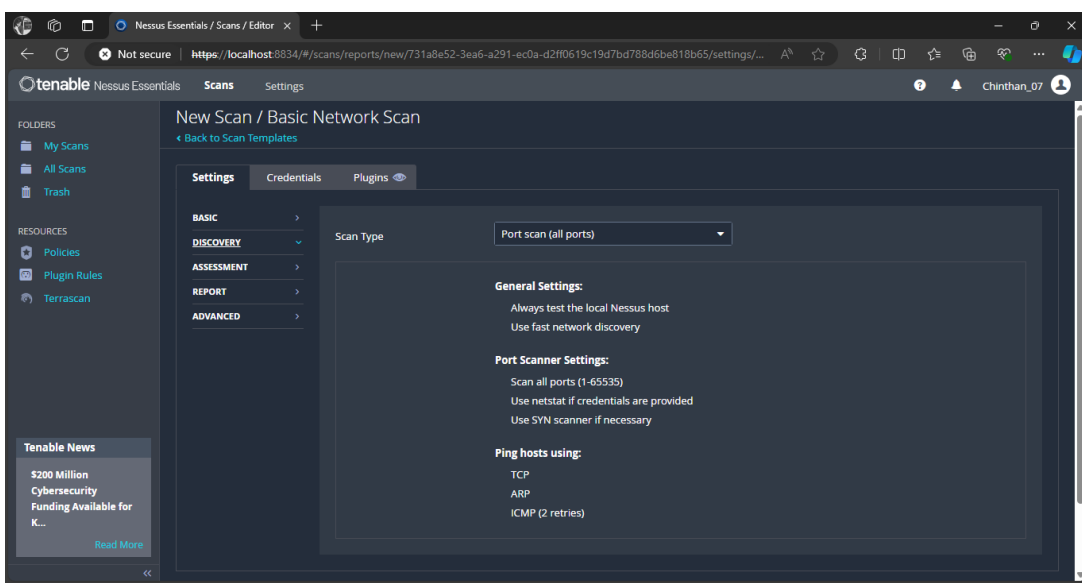


## To Perform Basic Network Scan:

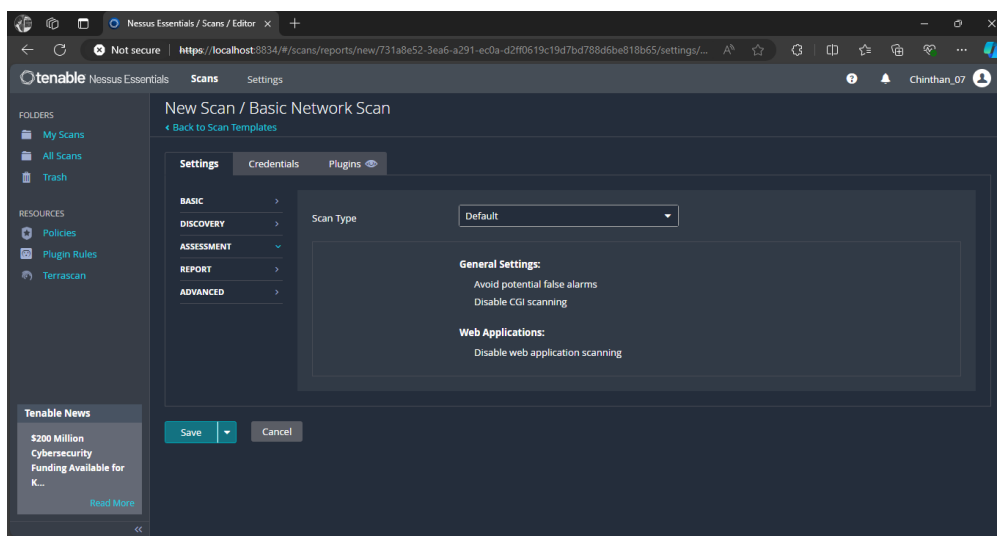




There is credentials (Options) in Network scan inorder to perform authenticated scan.

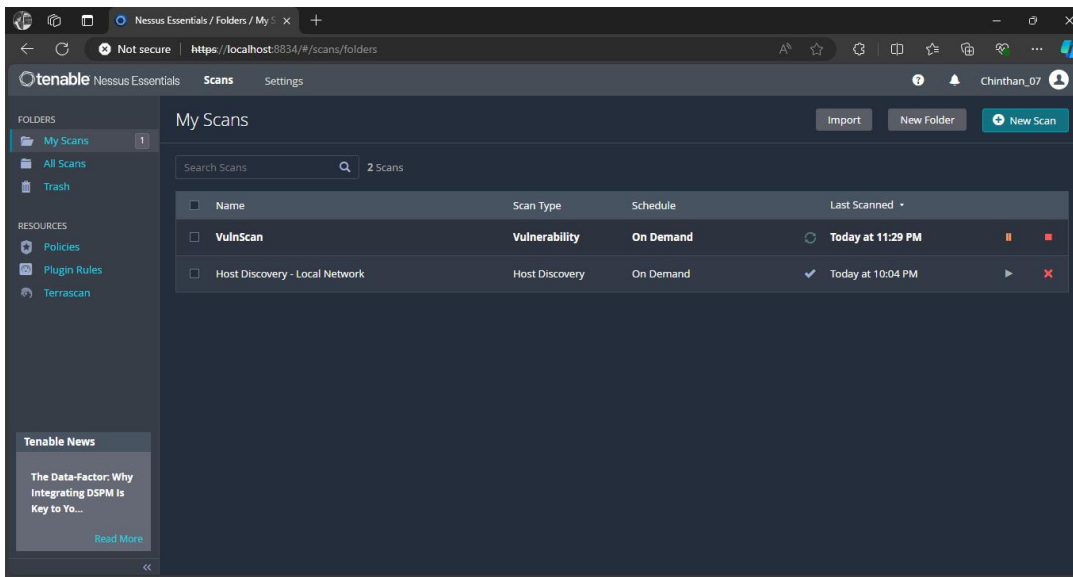


Basically scan type is port scan (All Ports).

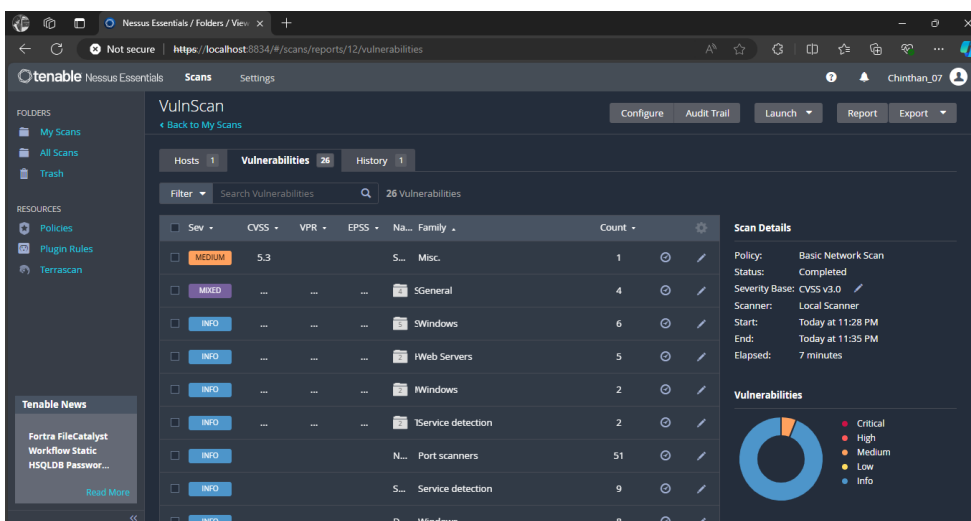


Depending on the target that we will be dealing with.

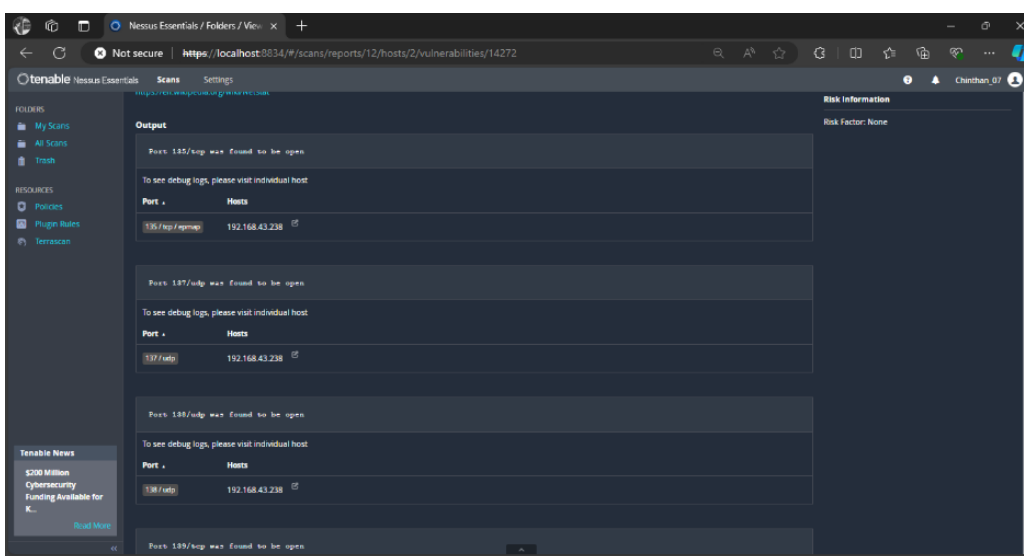
Scanning of open ports is scheduled.



Vulnerabilities found in the networks

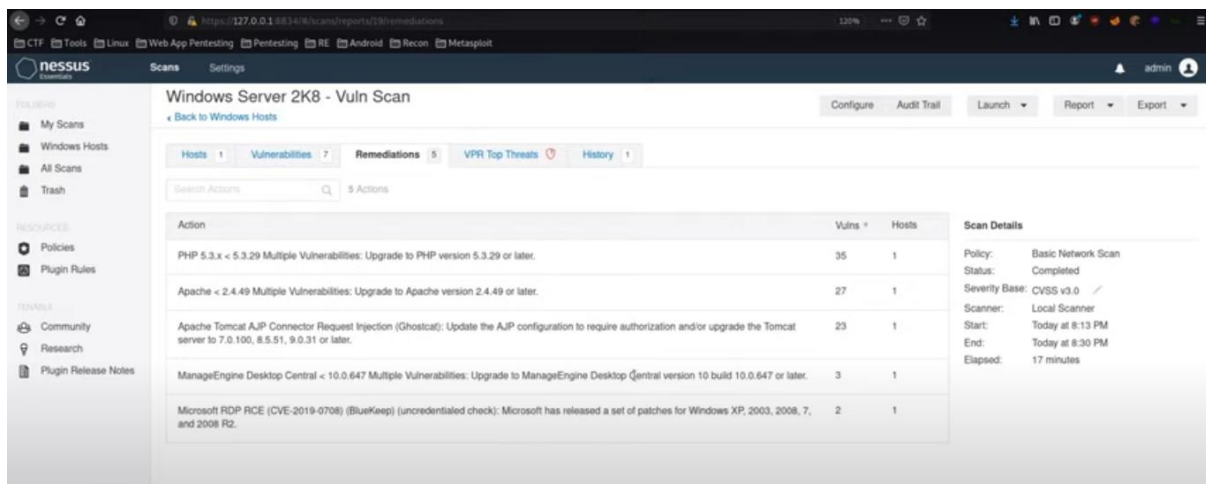


Port details and ports that are running is shown ( information of different Ports and Protocols will be present )



Different Open ports available when clicked on the vulnerabilities

The vulnerabilities shows Risk information and also gives exploit information.



## Youtube Sources

