Elevate Labs - Task 3

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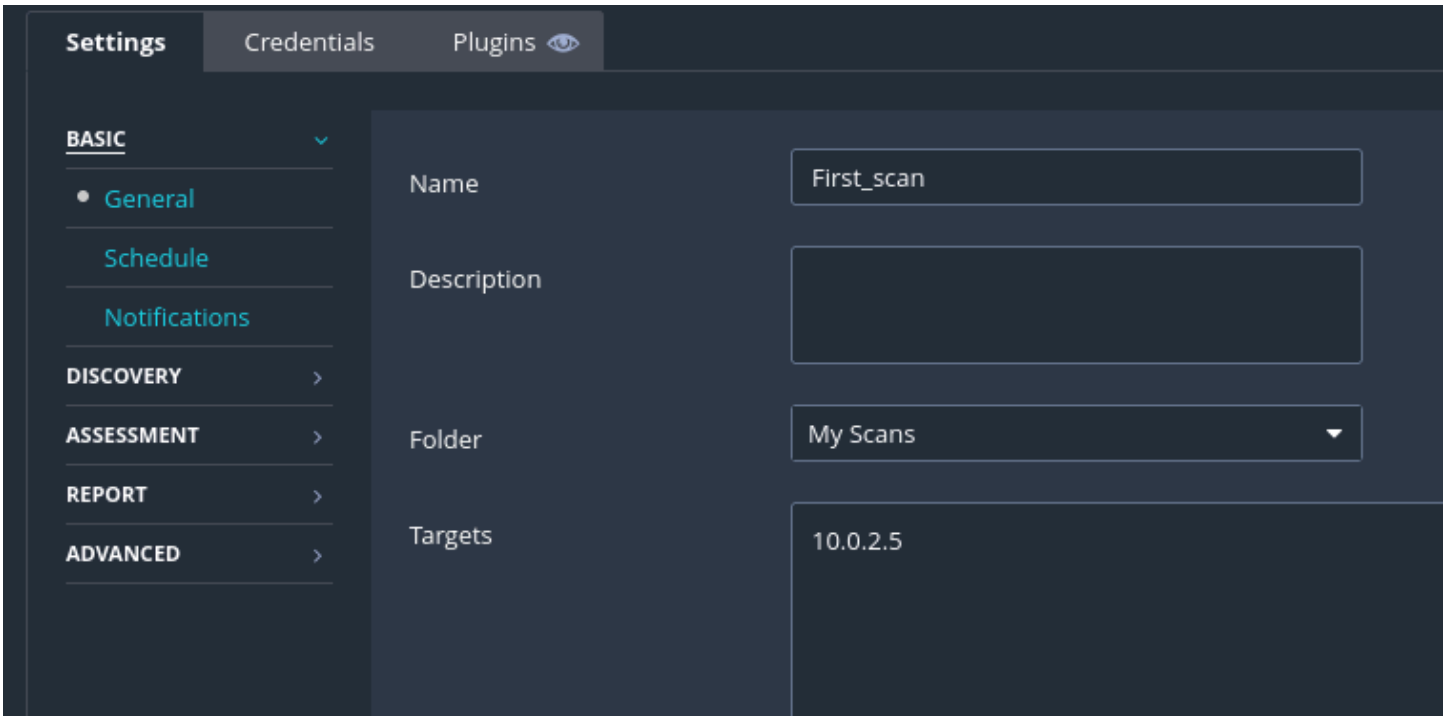
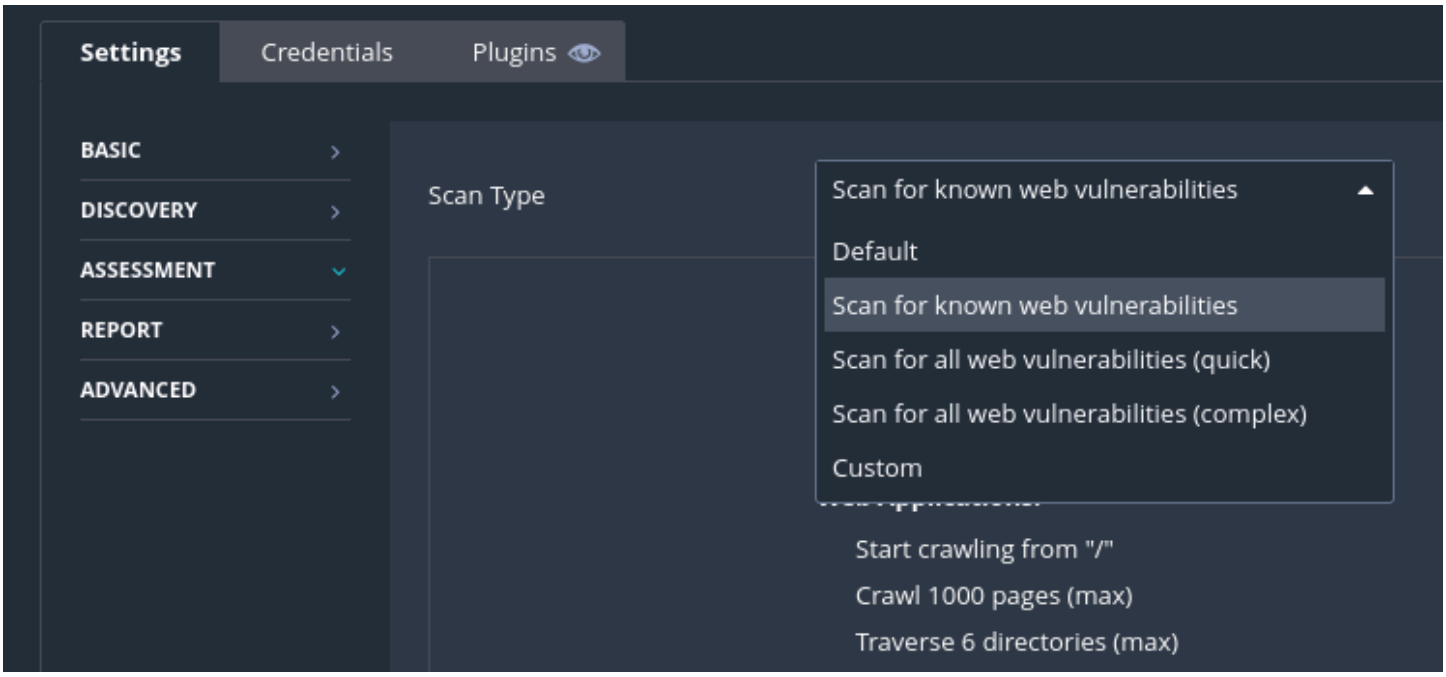
Here i am Using Nessus vulnerability scanner
Before we approach to the target, I am scanning my network using nmap

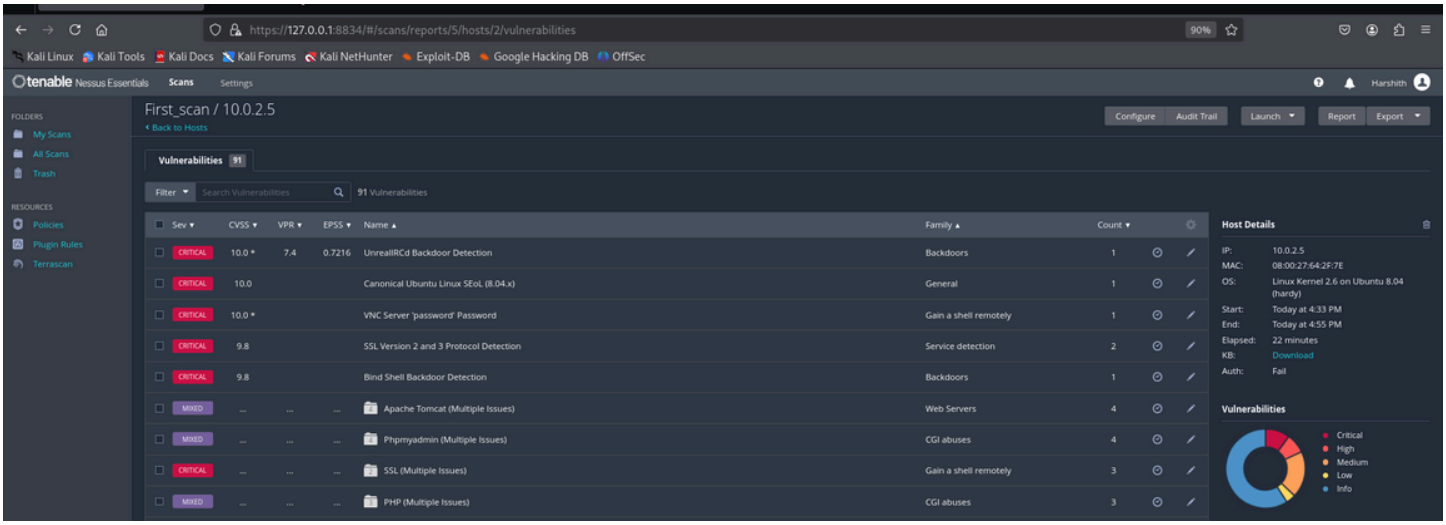
I wanted to scan the target 10.0.2.5





I am scanning for known web vulnerabilities for a better report

After configuring the scan these are the results:



The metasploitable has many known vulnerabilties put inside which is being shown

A few critical are listed below :

1)**Back door execution** : The remote IRC server is a version of UnrealIRCd with a backdoor that allows an attacker to execute arbitrary code on the affected host.
One of the mitigations are , Having a network scan more regularly , detect untrusted software

2)**Weak Password** :The VNC server running on the remote host is secured with a weak password. Nessus was able to login using VNC authentication and a password of 'password'. A remote, unauthenticated attacker could exploit this to take control of the system.

Solution: Secure the VNC service with a strong password.