

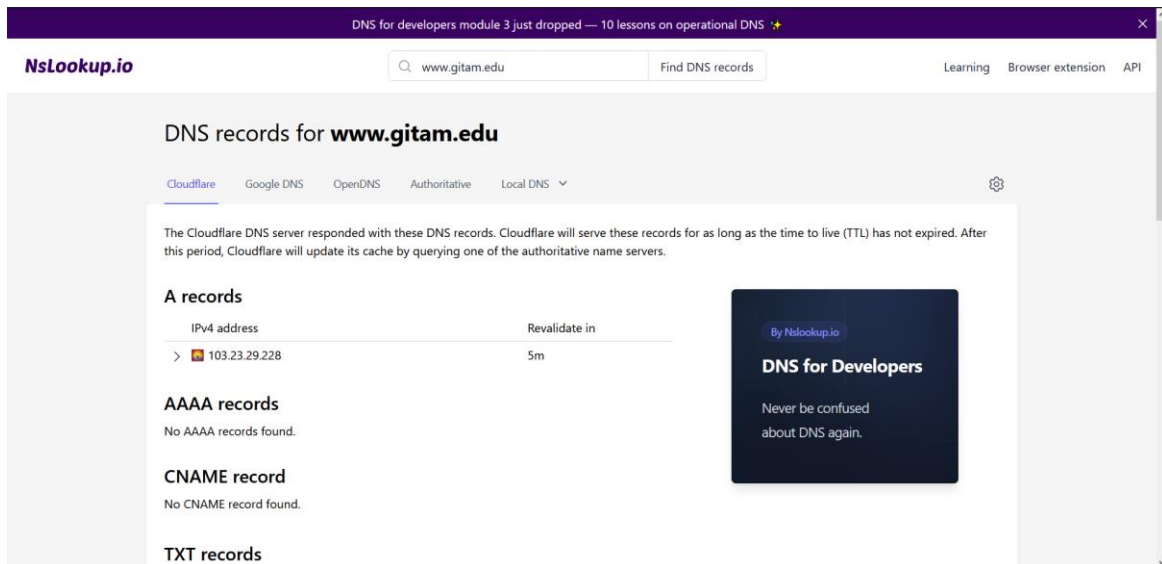
TASK 5

Overview

Select any website and collect footprint reconnaissance information about it. Do passive reconnaissance (nslookup.io , Nessus and Shodan).

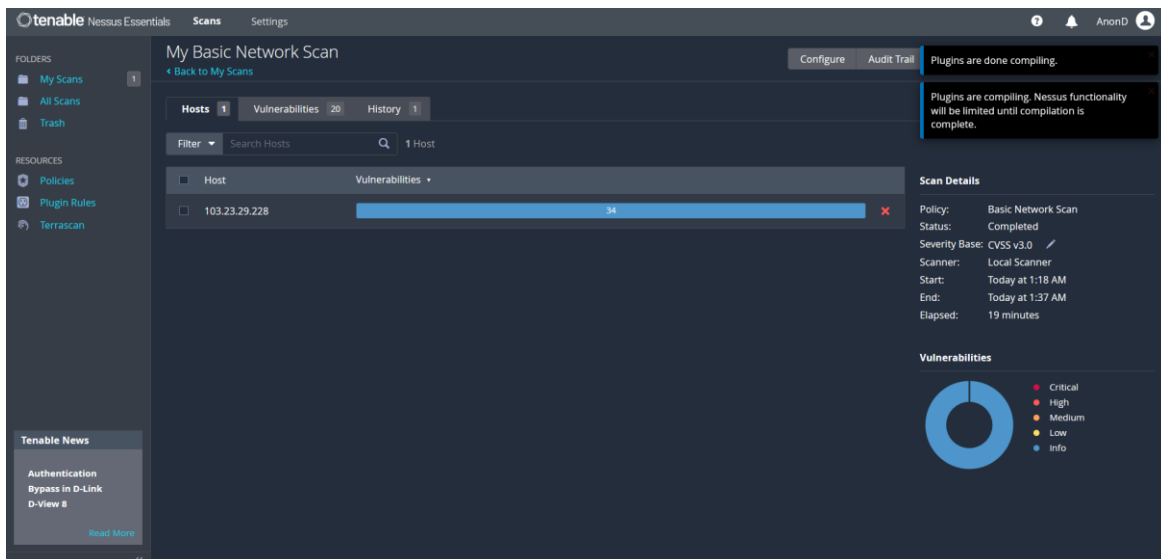
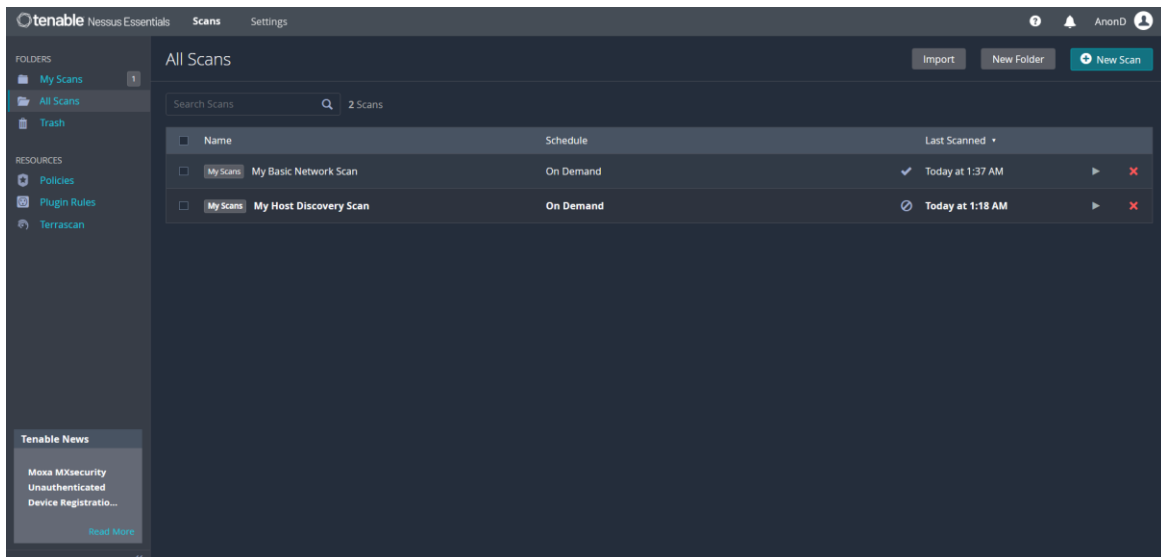
nslookup.io

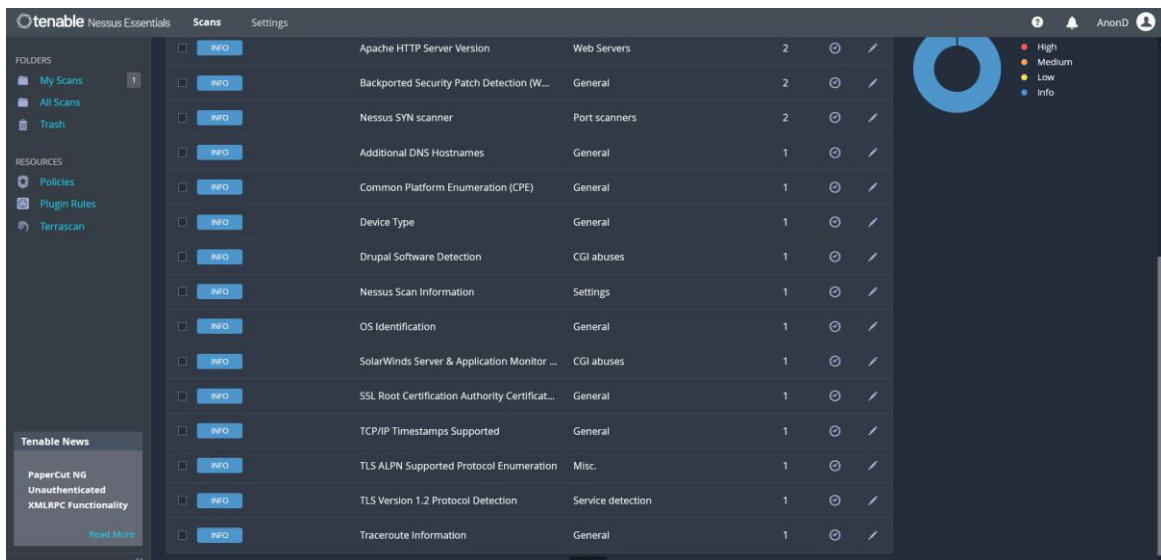
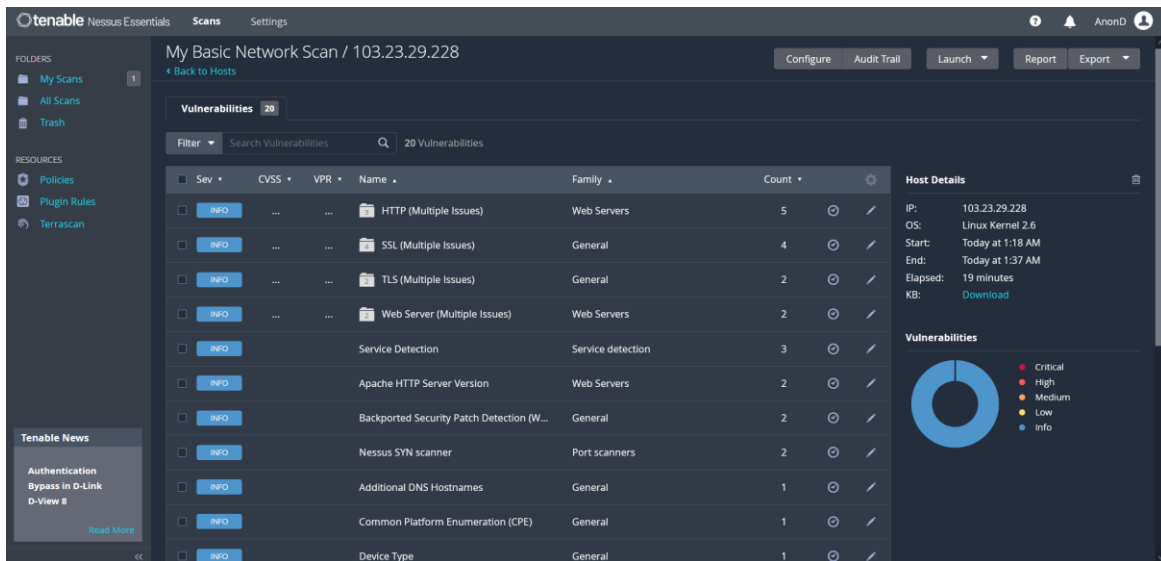
The nslookup.io is a web-based service that provides network-related information. It allows users to perform Domain Name System (DNS) lookups to obtain details about domain names and IP addresses. Users can enter a domain or an IP address to retrieve DNS records, including A (IPv4), AAAA (IPv6), MX (mail exchange), and TXT (text) records. This tool is valuable for network administrators and cybersecurity professionals as it aids in diagnosing DNS-related issues and verifying domain configurations.



Nessus

Nessus is a widely used vulnerability scanner and assessment tool. It is designed to identify security vulnerabilities in systems and networks. Nessus scans for a wide range of issues, including software vulnerabilities, misconfigurations, and security weaknesses. It provides detailed reports to help organizations improve their security posture. Nessus is commonly employed by cybersecurity professionals to conduct security assessments and prioritize remediation efforts.





Shodan

Shodan is a specialized search engine that scans the internet for connected devices and services. It helps users discover exposed, potentially vulnerable systems and devices. Shodan can search for specific types of devices, open ports, and other characteristics, making it useful for cybersecurity researchers, penetration testers, and even malicious actors seeking to identify potential targets. While Shodan has legitimate uses, it underscores the importance of securing devices and services exposed to the internet to avoid exploitation by malicious actors.

