**CS5573 – Information Security and Assurance – Assignment #5**

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**Student ID: 16233382**

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**Information Security and Assurance**

**Assignment - 5**

**Submitted by:**

**Anusha Malineni**

**16233382**

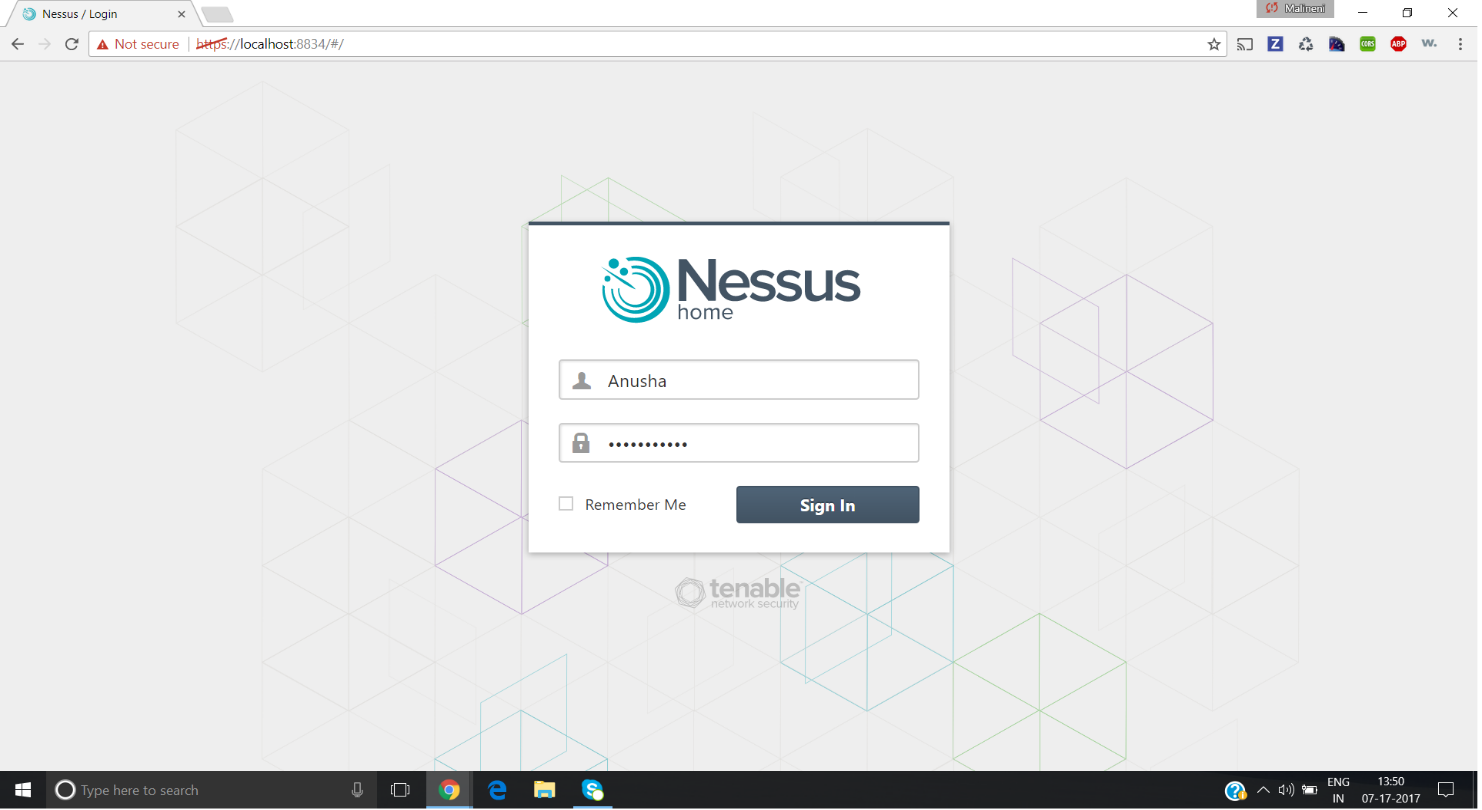
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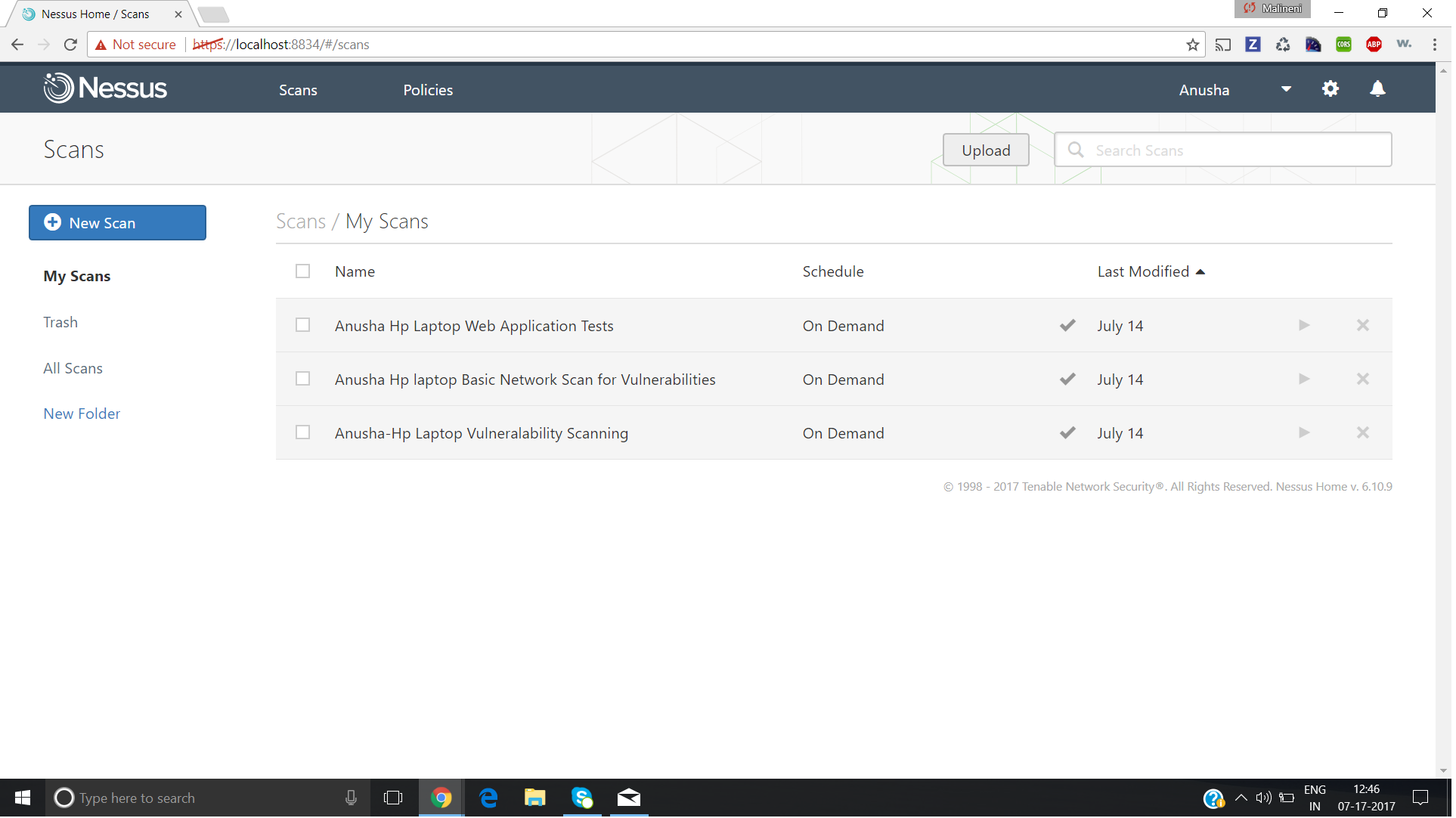
**Student ID: 16233382**

**To find vulnerabilities in system using Nessus Tool**

Below is the screenshot of the home page of Nessus Tool



Below is the screenshot after performing three different scans on the system

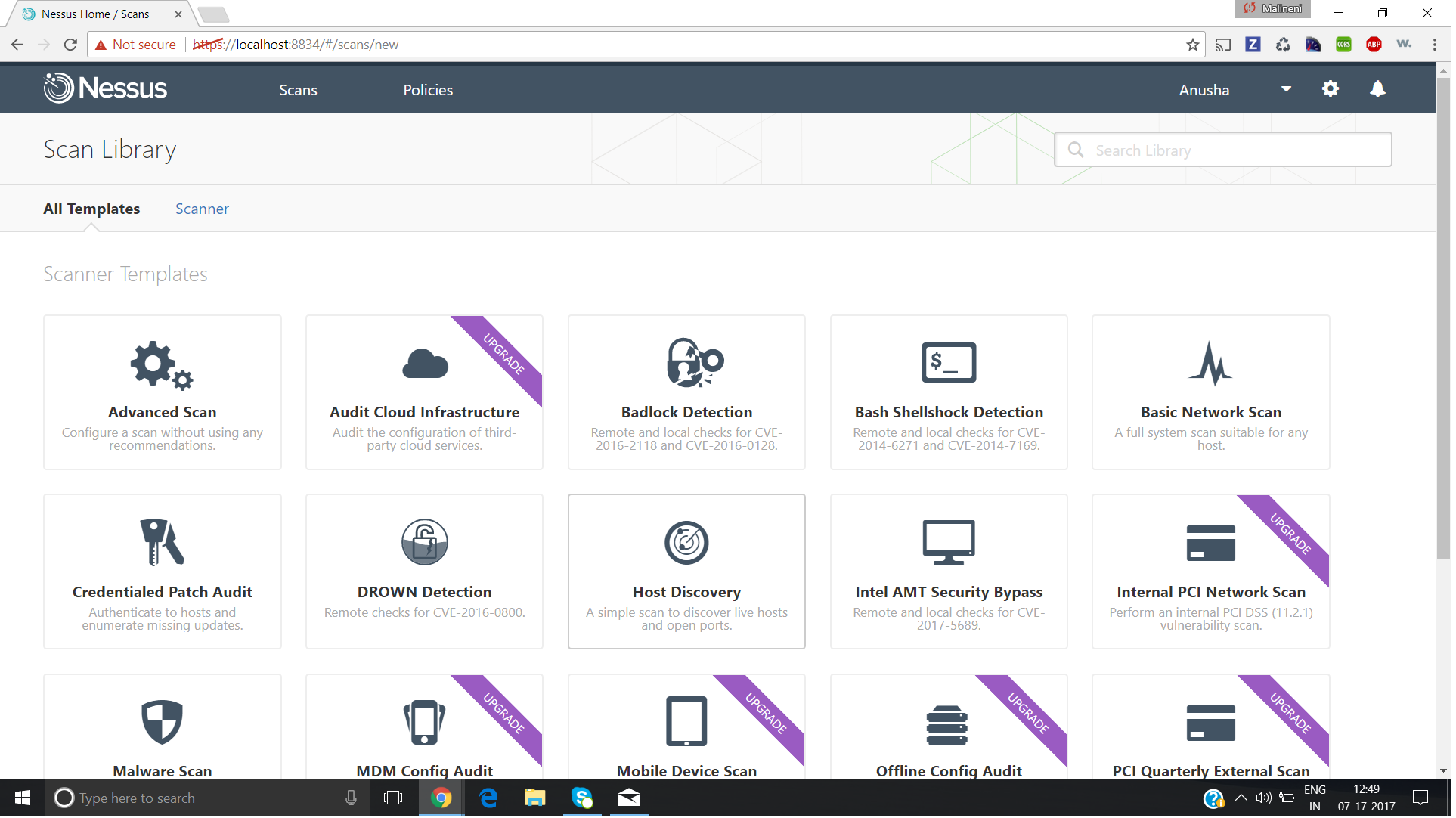


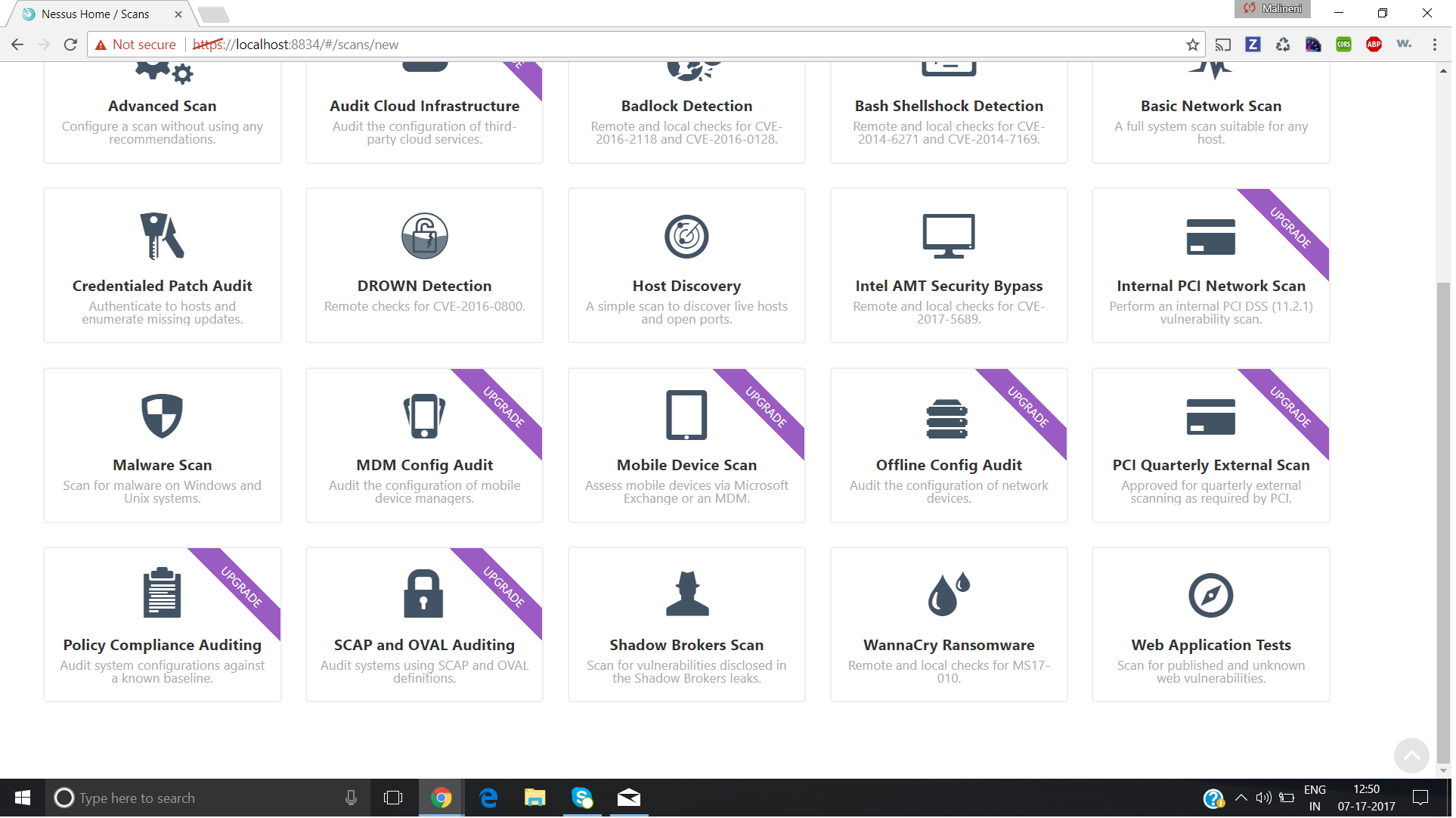
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Below two screenshots depicts different types of scans available in Nessus Tool.



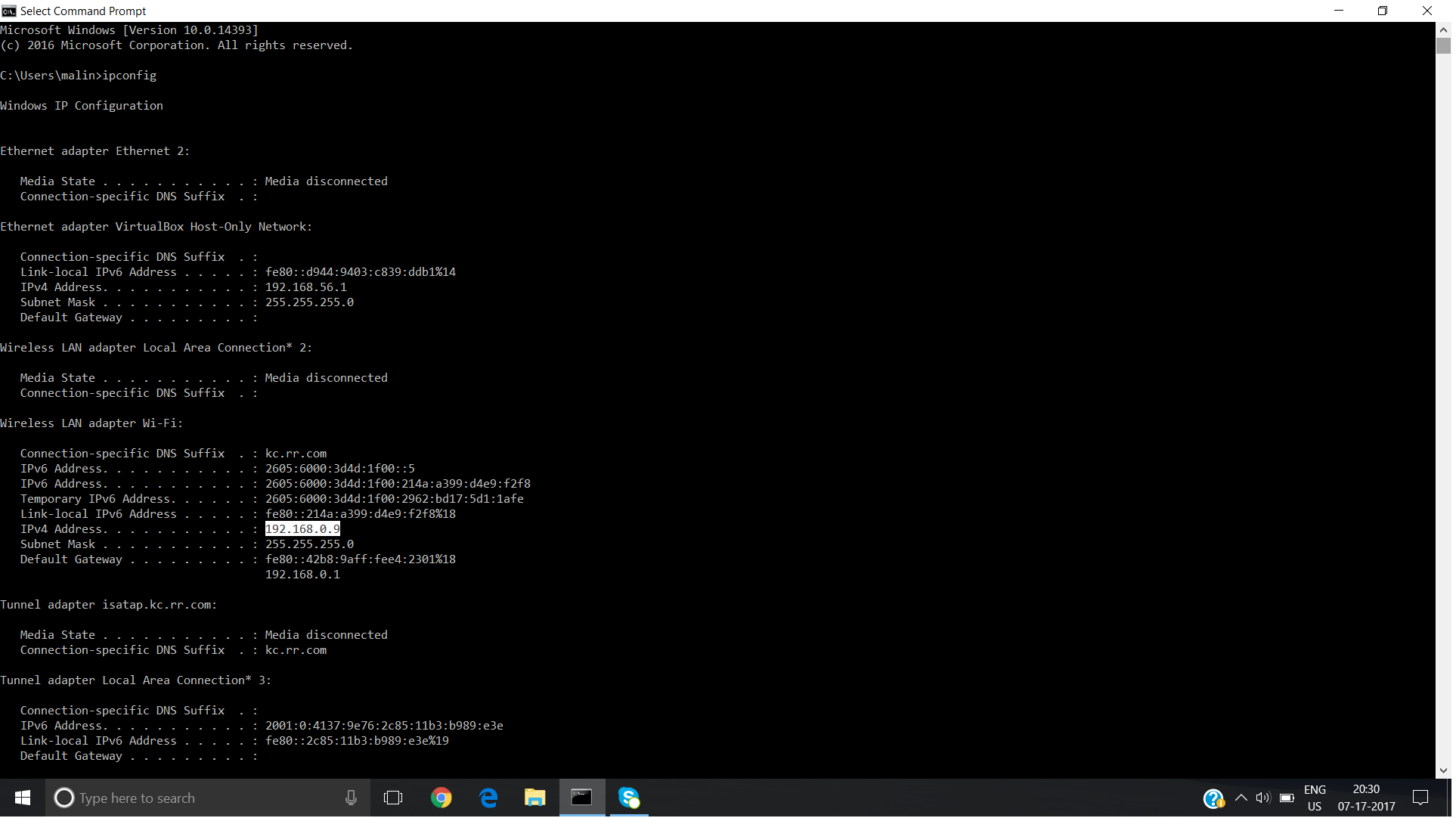


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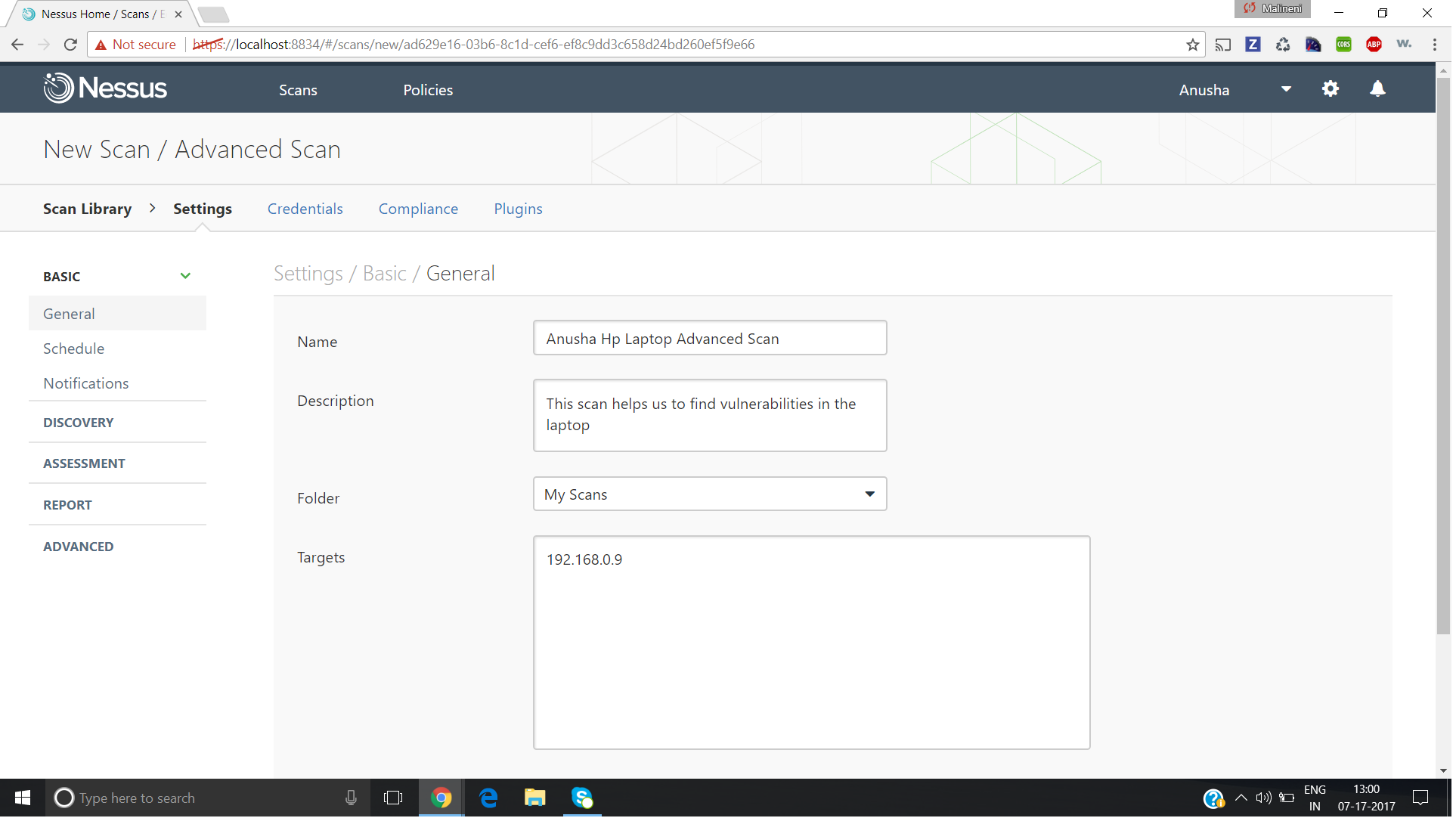
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Below is the screenshot for the IP Address of target machine.



Below screenshot tell us how to start a new scan. Giving the required information and target IP Address and launching the scan, this tool starts the scan on the target machine.

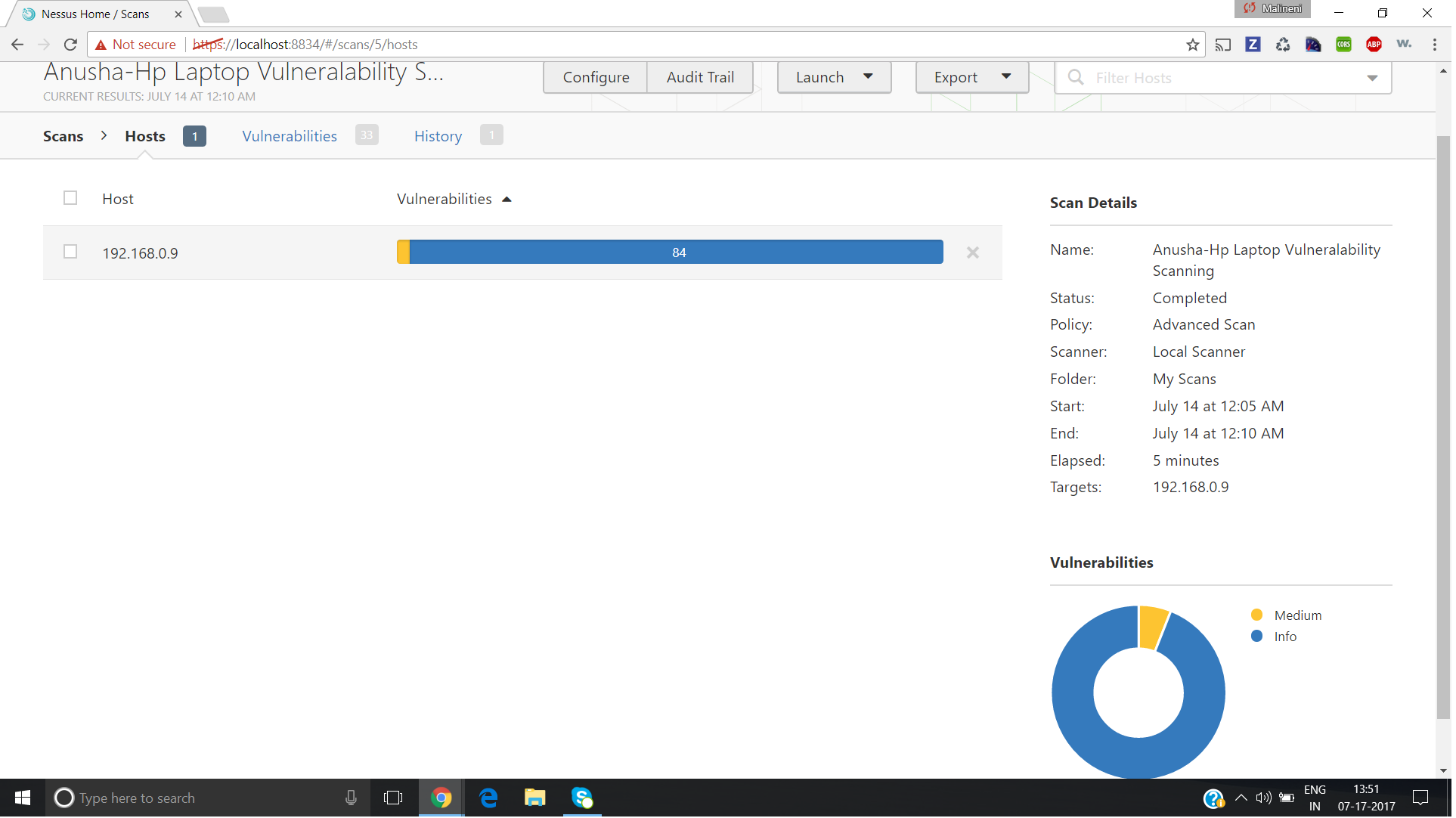


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After the scan is successful, it displays a graphical representation of the vulnerabilities found, other information like time elapsed for scanning, target machine address etc.,

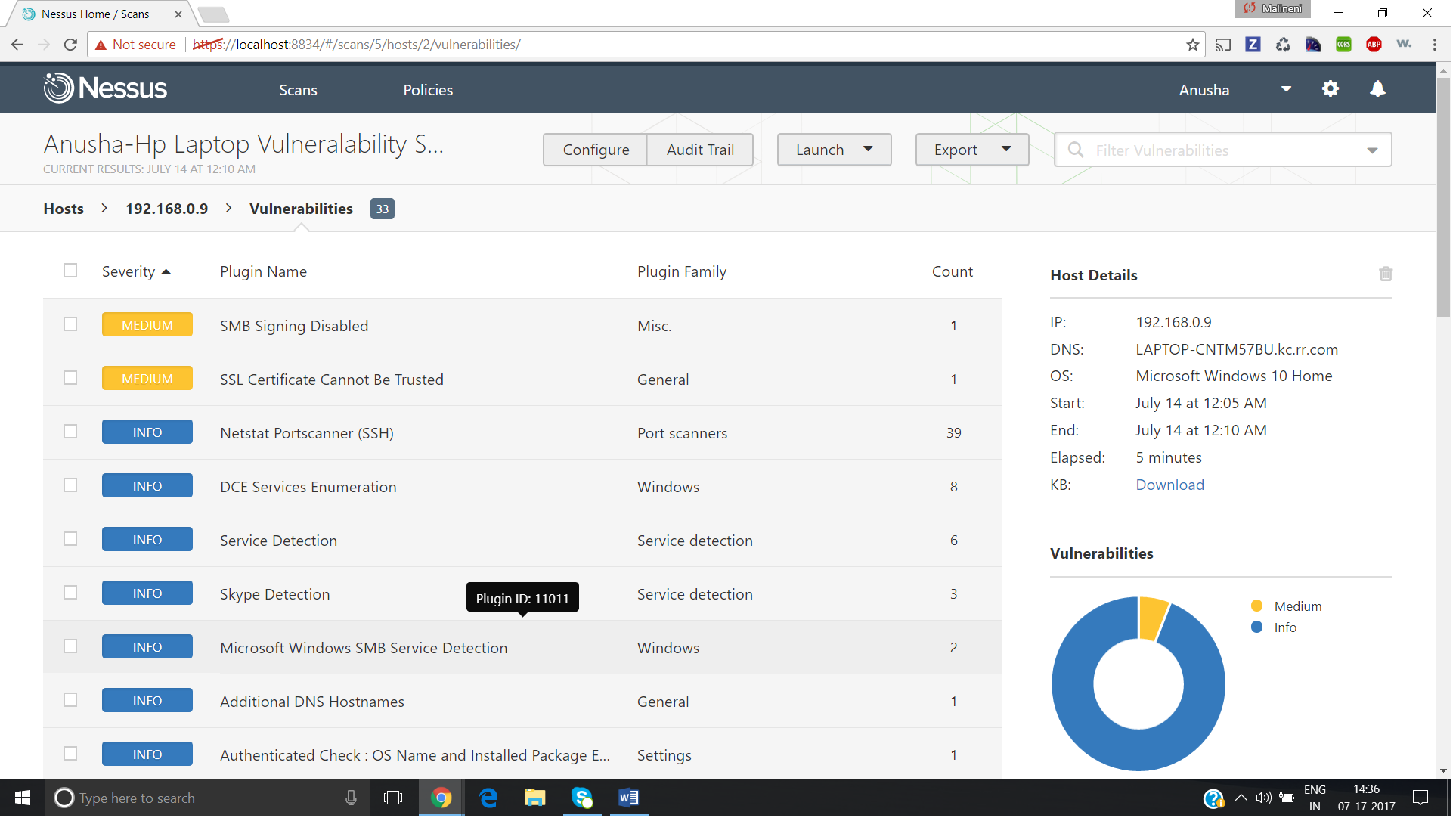


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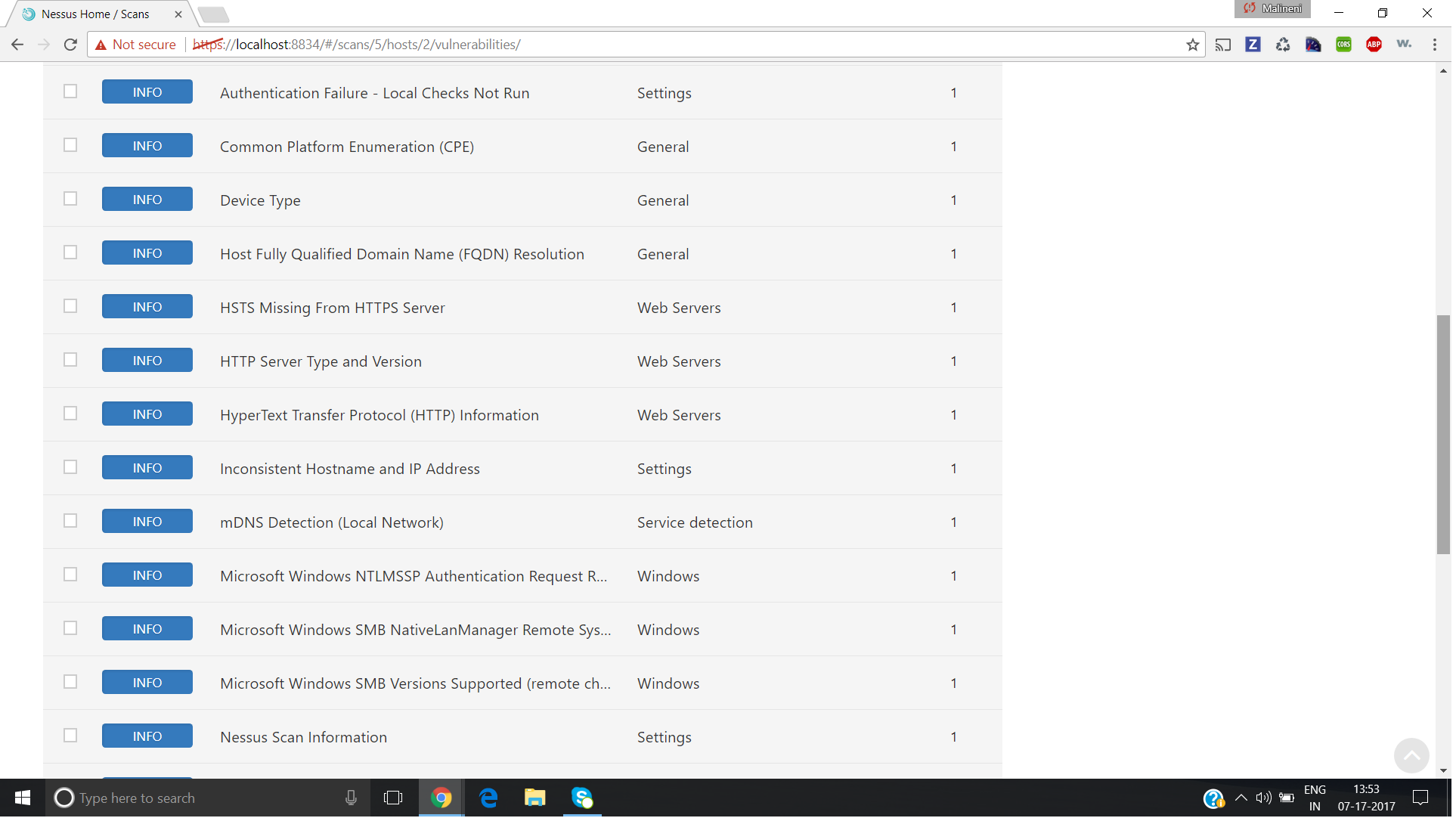
Double clicking on the count of vulnerabilities, gives us list of all vulnerabilities found in scanning the target machine. The below three screenshots gives us the list of all vulnerabilities.

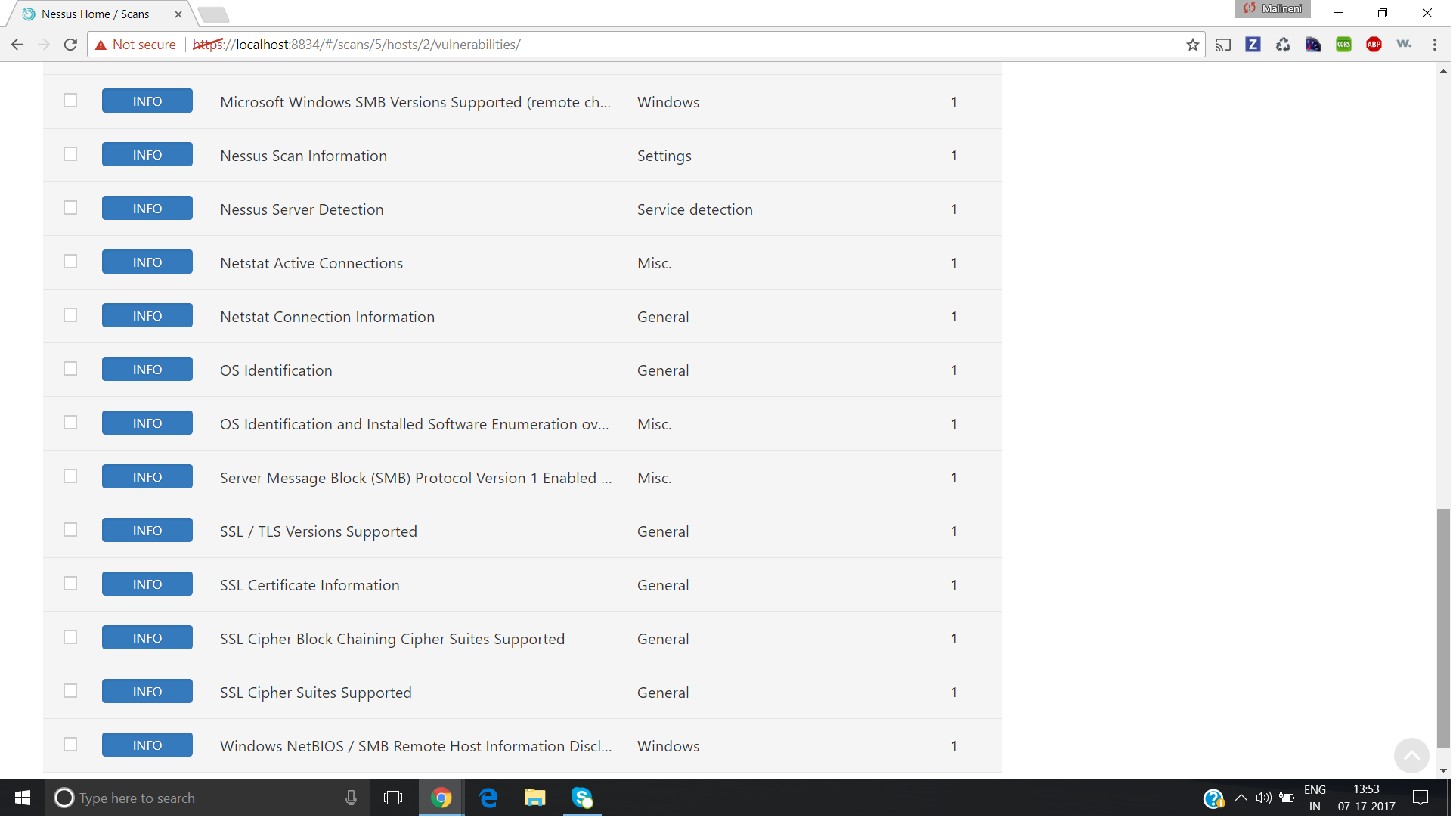


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Each vulnerability can be inspected in detail, which has the description, solution, other reference links etc.,

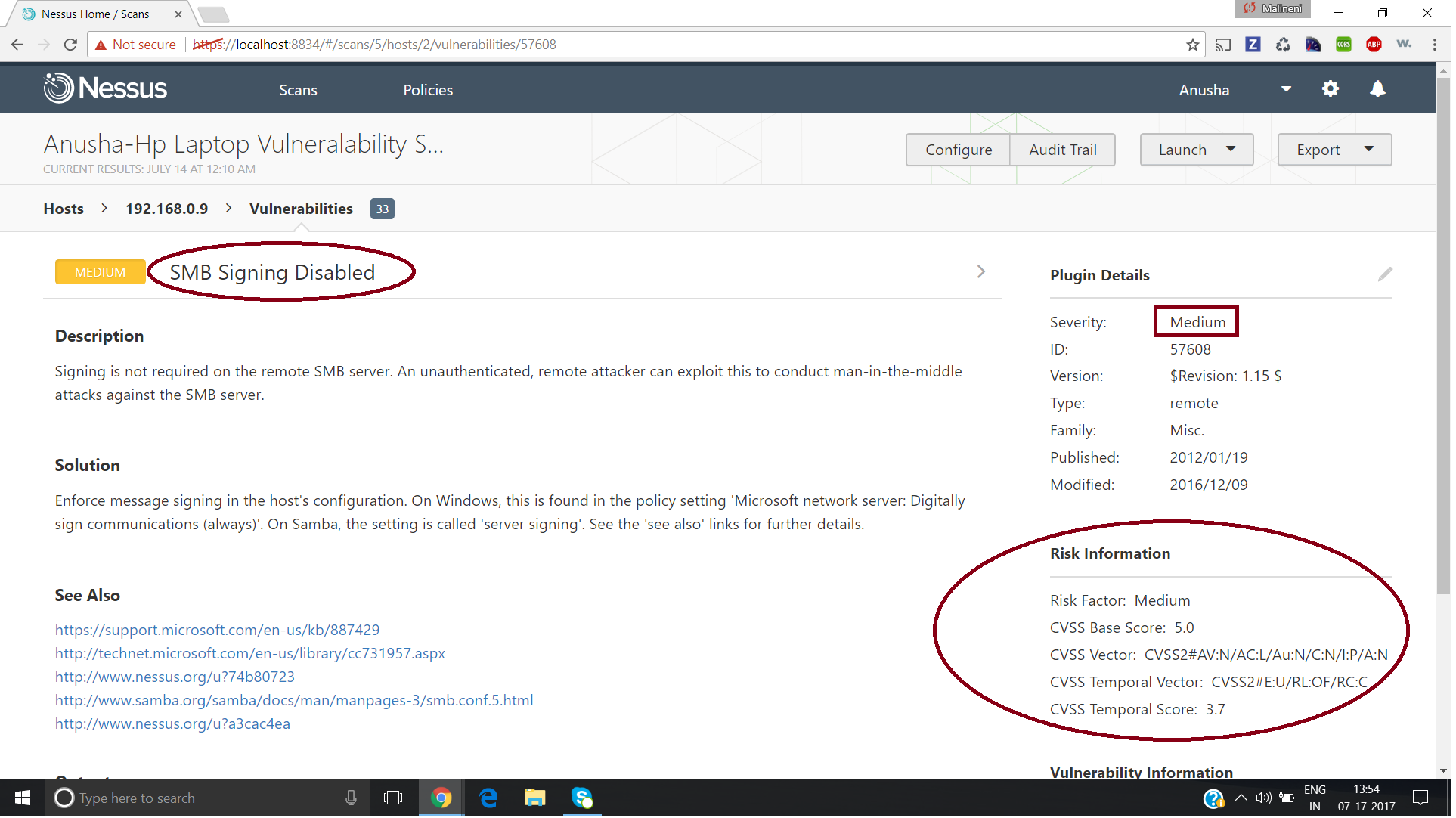
Name of Vulnerability: **SMB Signing Disabled**

Target IP Address: **192.168.0.9**

CVSS Base Score of the vulnerability: **5.0**

Severity of the vulnerability: **Medium**

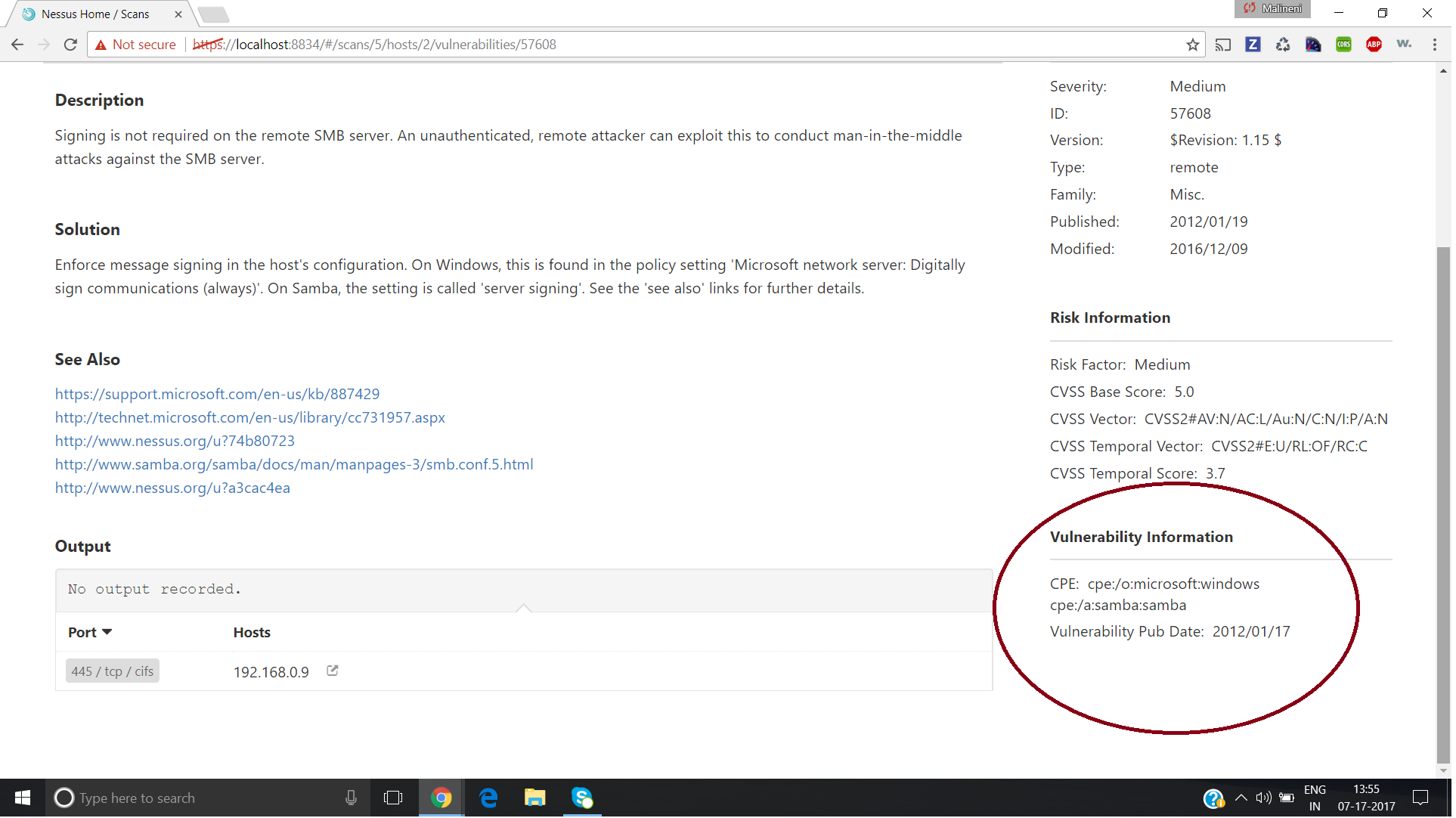
CPE information: **cpe:/o:microsoft:windows cpe:/a:samba:samba**



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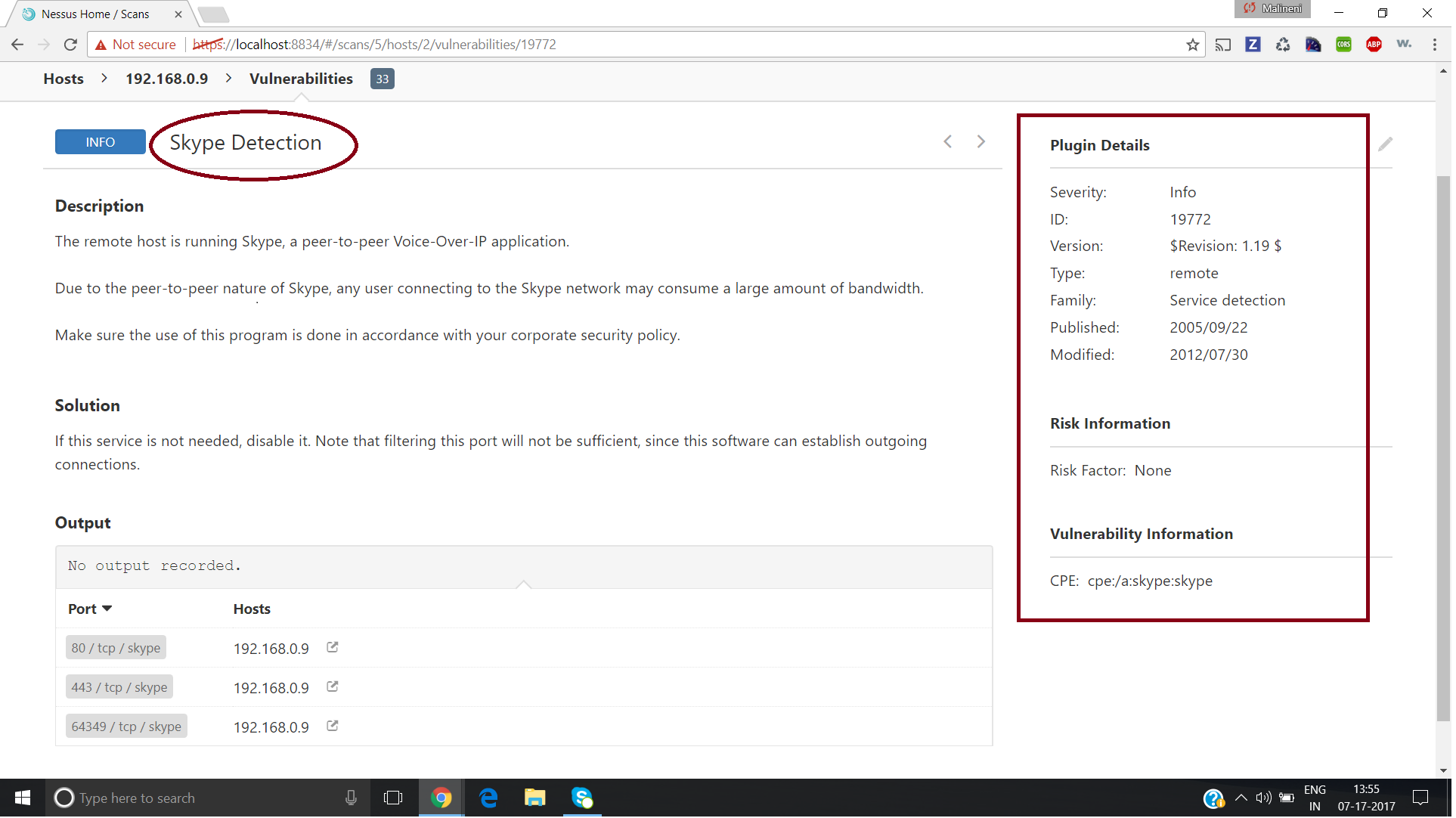
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Name of Vulnerability: **Skype Detection**

Target IP Address: **192.168.0.9**

Severity of the vulnerability: **Info**

CPE information: **cpe:/a:skype:skype**



**Please find the attached PDF for the report of the scan for advanced scan.**

