DAY 4 CYBERSECURITY ESSENTIALS ASSIGNMENT TASKS

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ASSIGNMENT

Task 1:

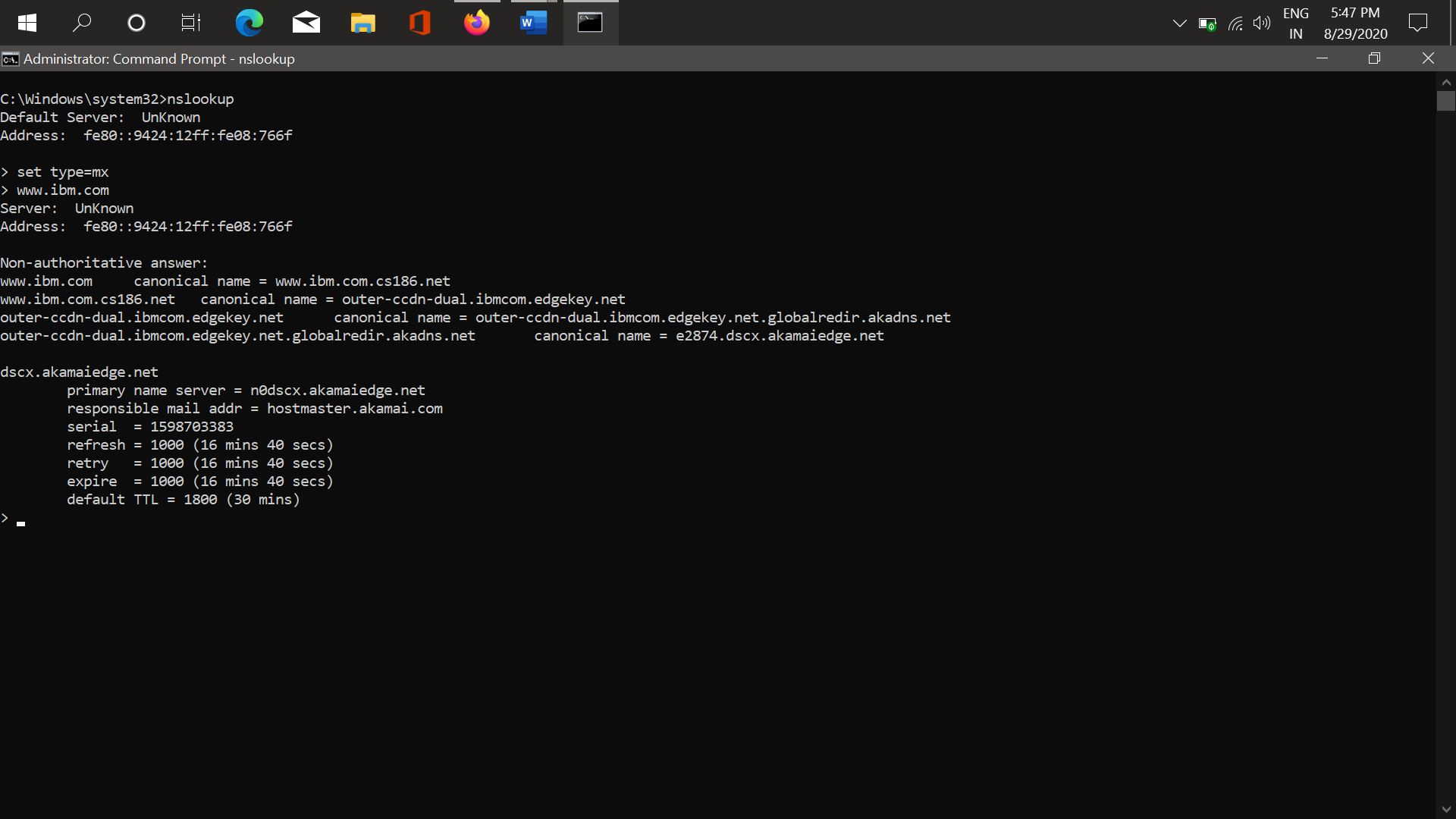
Find Mail Servers of the following

1. [www.ibm.com](http://www.ibm.com)

Open command Prompt & type nslookup

Type set type=mx

Enter www.ibm.com



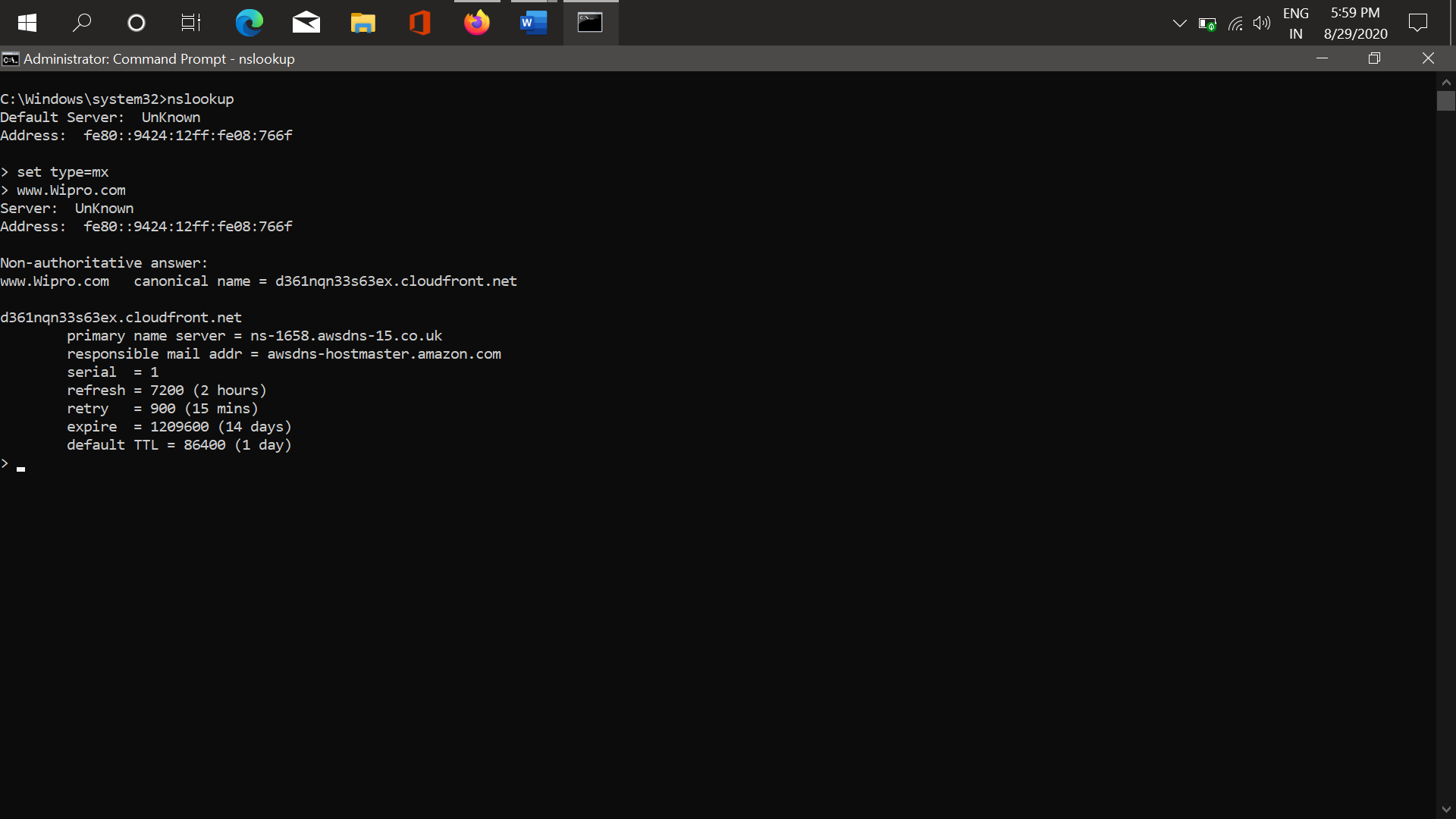
From the results we find the mail server is hostmaster.akamai.com

1. Find mail server of [www.Wipro.com](http://www.Wipro.com)

Open command Prompt & type nslookup

Type set type=mx

Enter [www.Wipro.com](http://www.Wipro.com) & look for mail address



From the results the mail server is

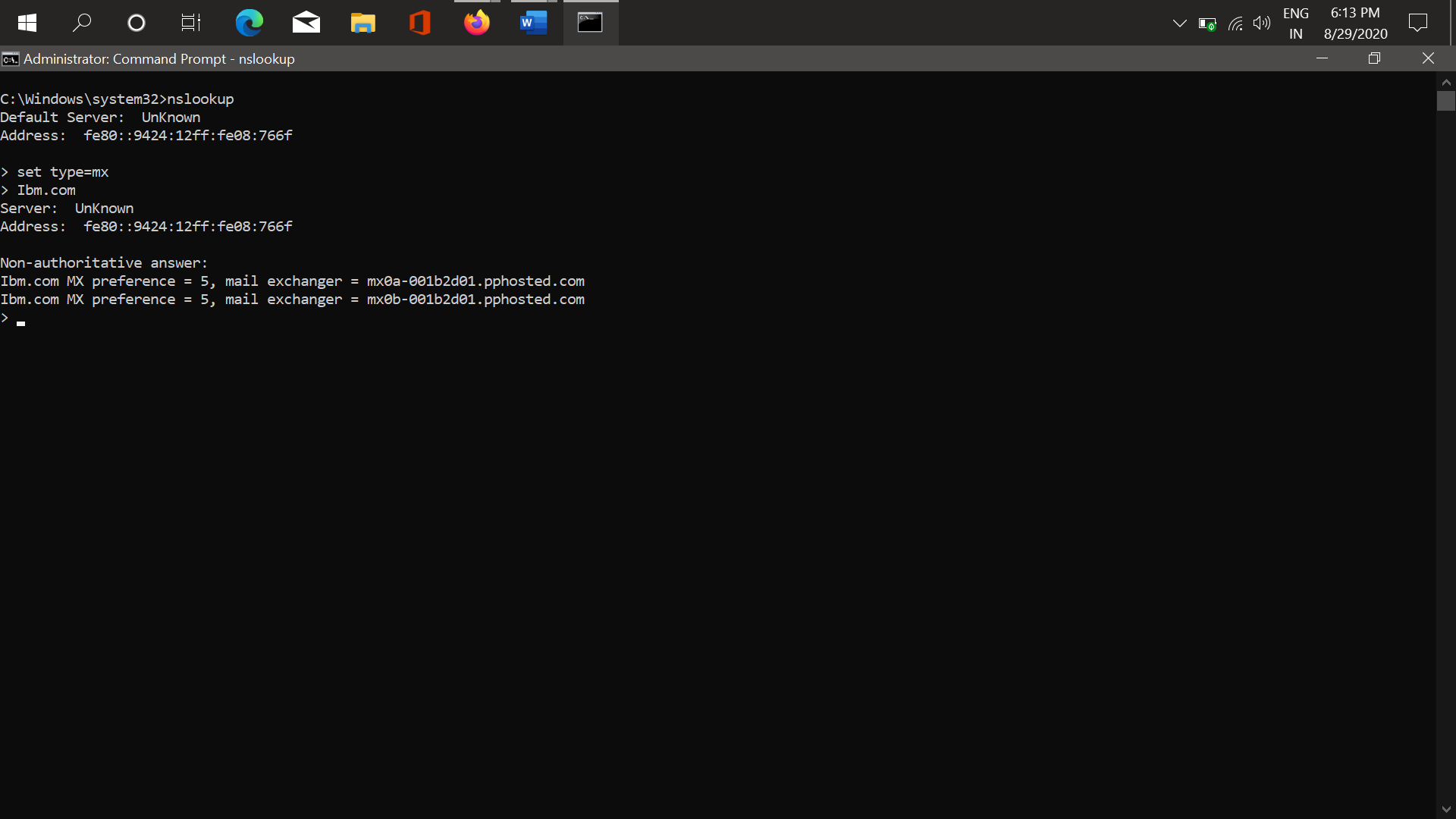
awsdns-hostmaster.amazon.com

Task 2

Find the locations of this Mail Server

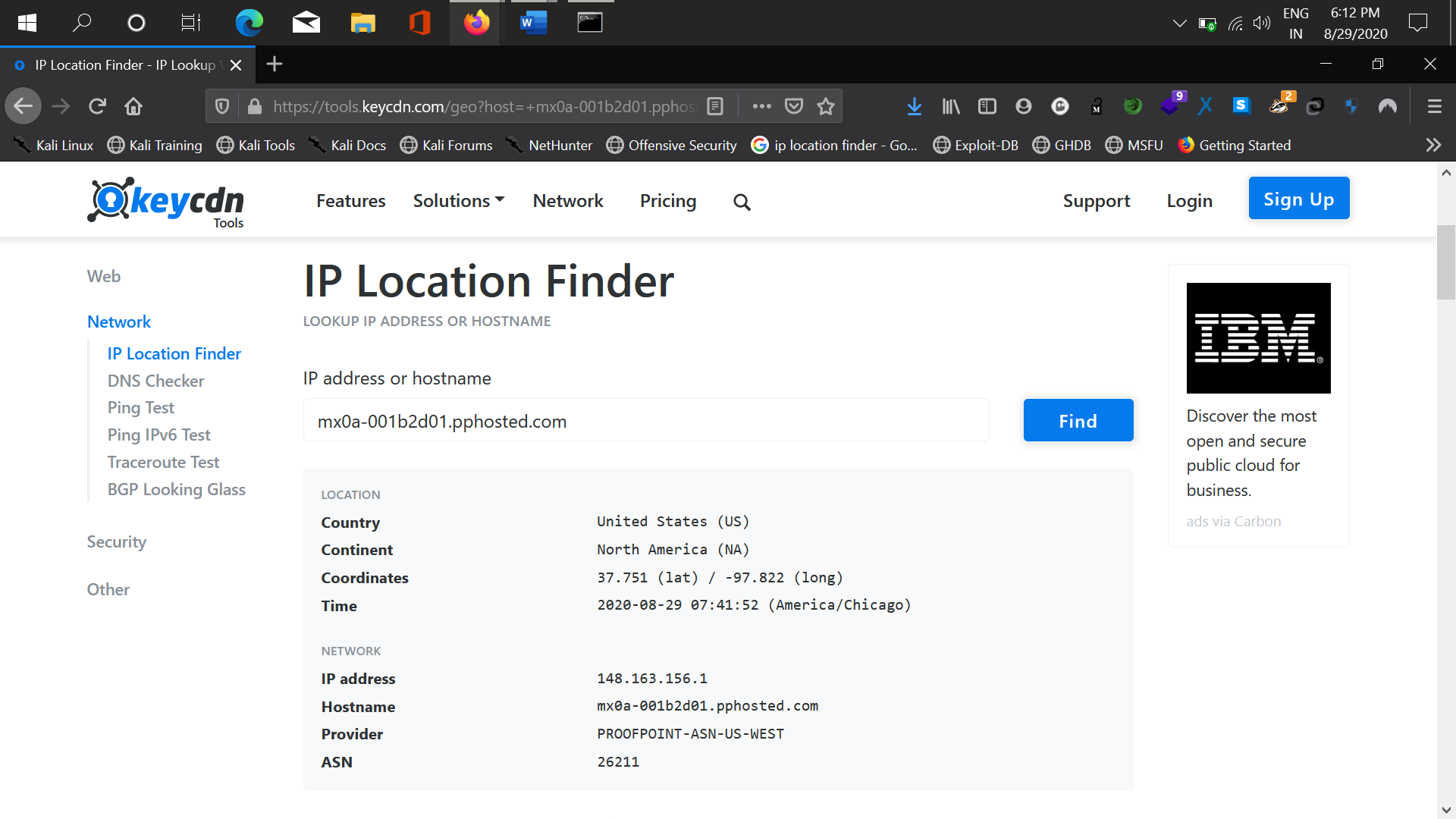
A.Ibm.com

Open cmd type commands >nslookup >set type=mx >Ibm.com



Lets find the Ip Location of the mail server

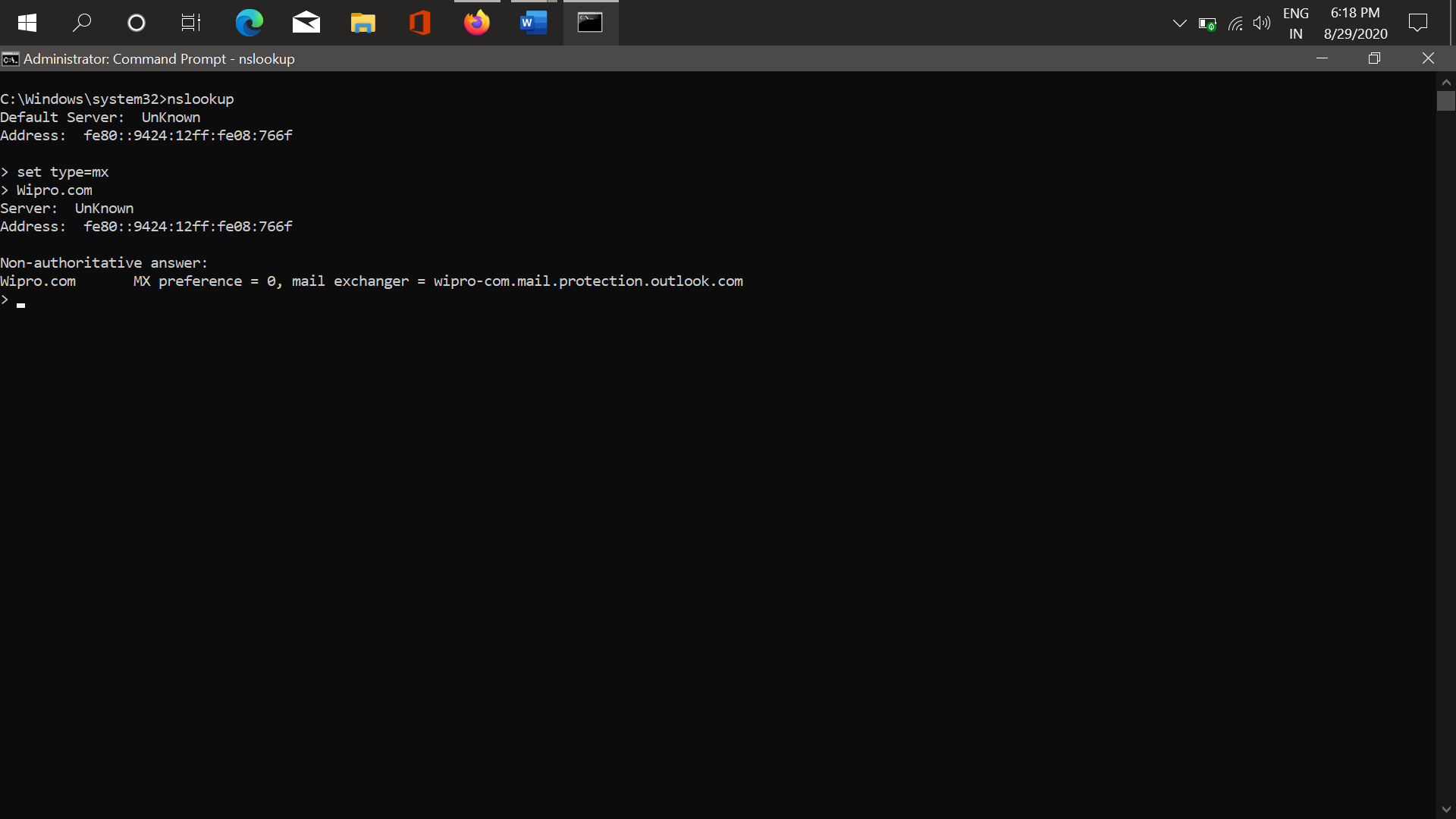
Address: mx0b-001b2d01.pphosted.com



Tool Used is tools.keycdn.com . Location : United States.

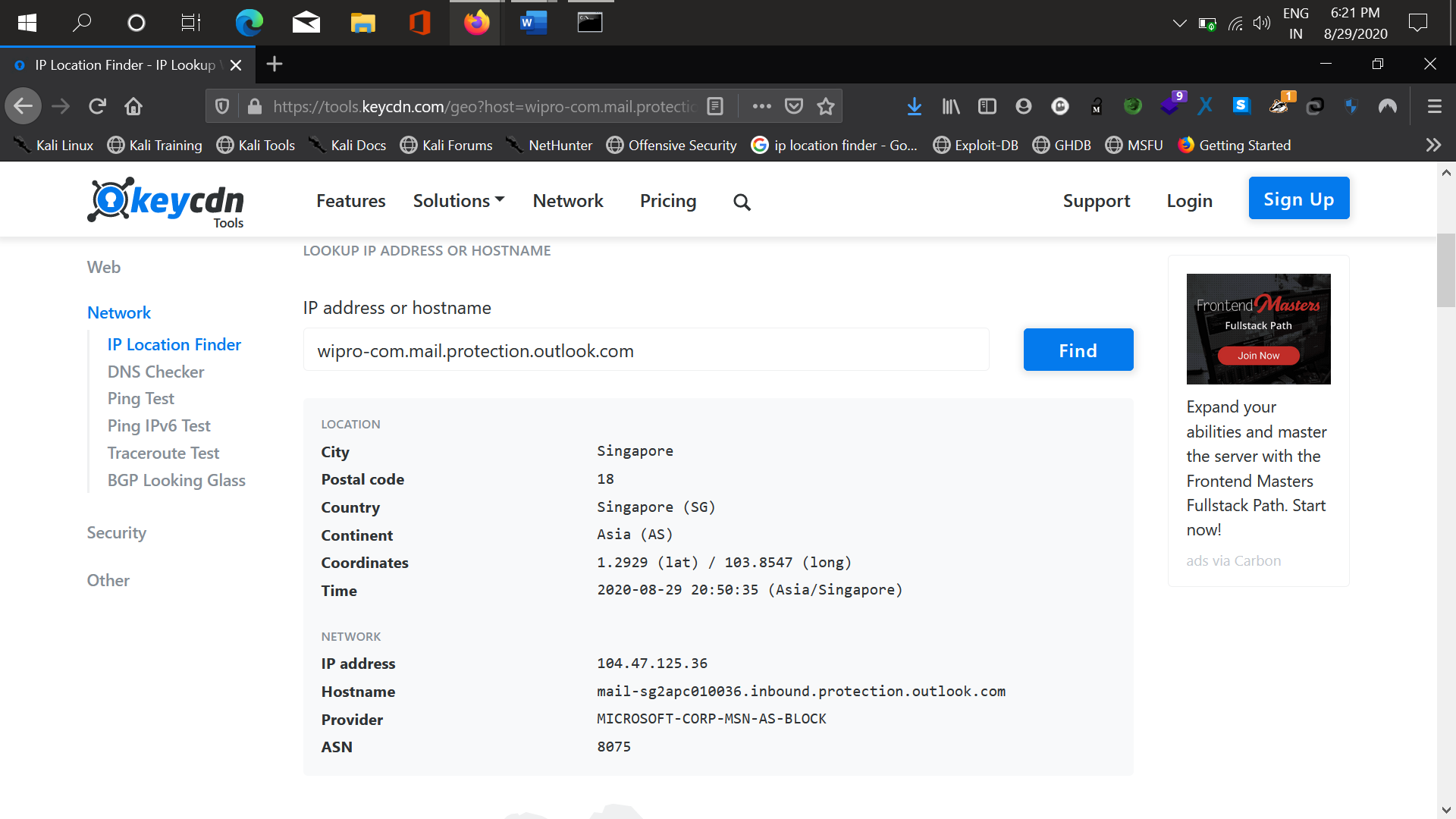
Find Location of Wipro mail server location

Open CMD >type and enter nslookup>set type=mx>wipro.com



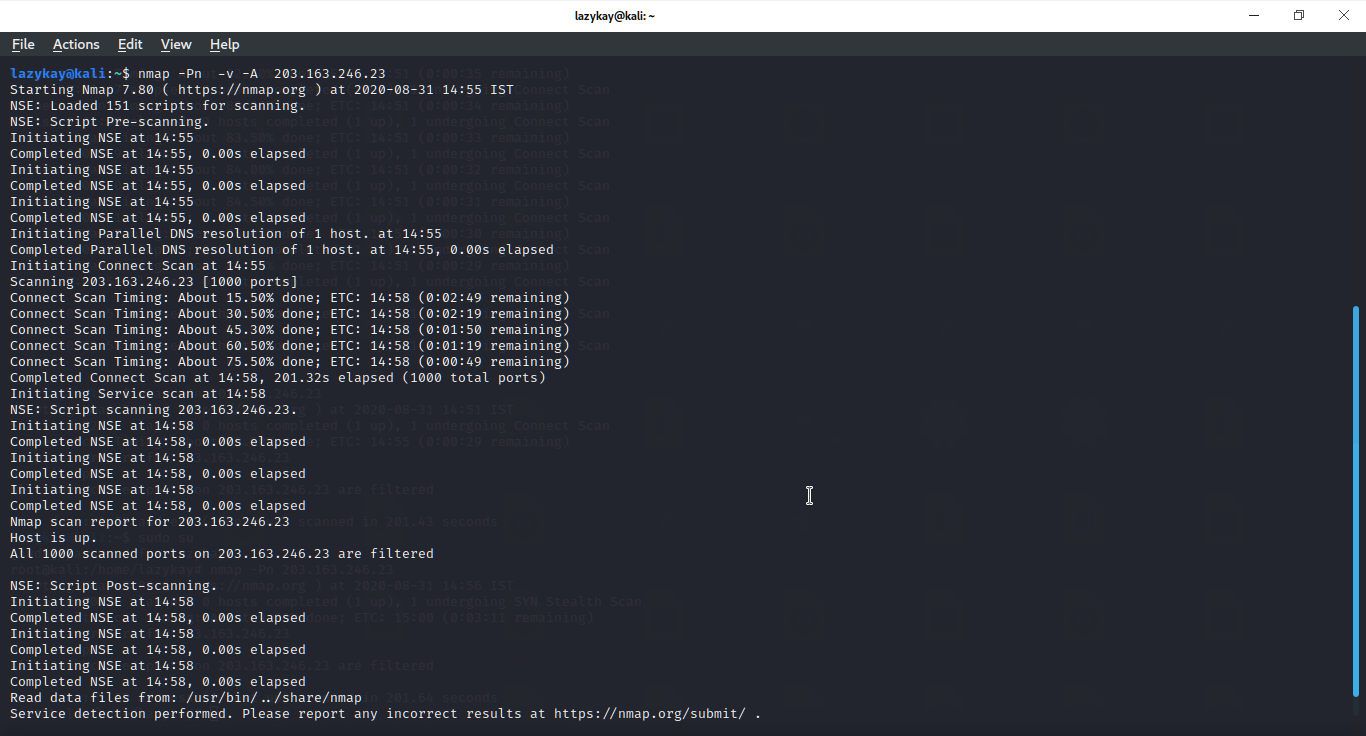
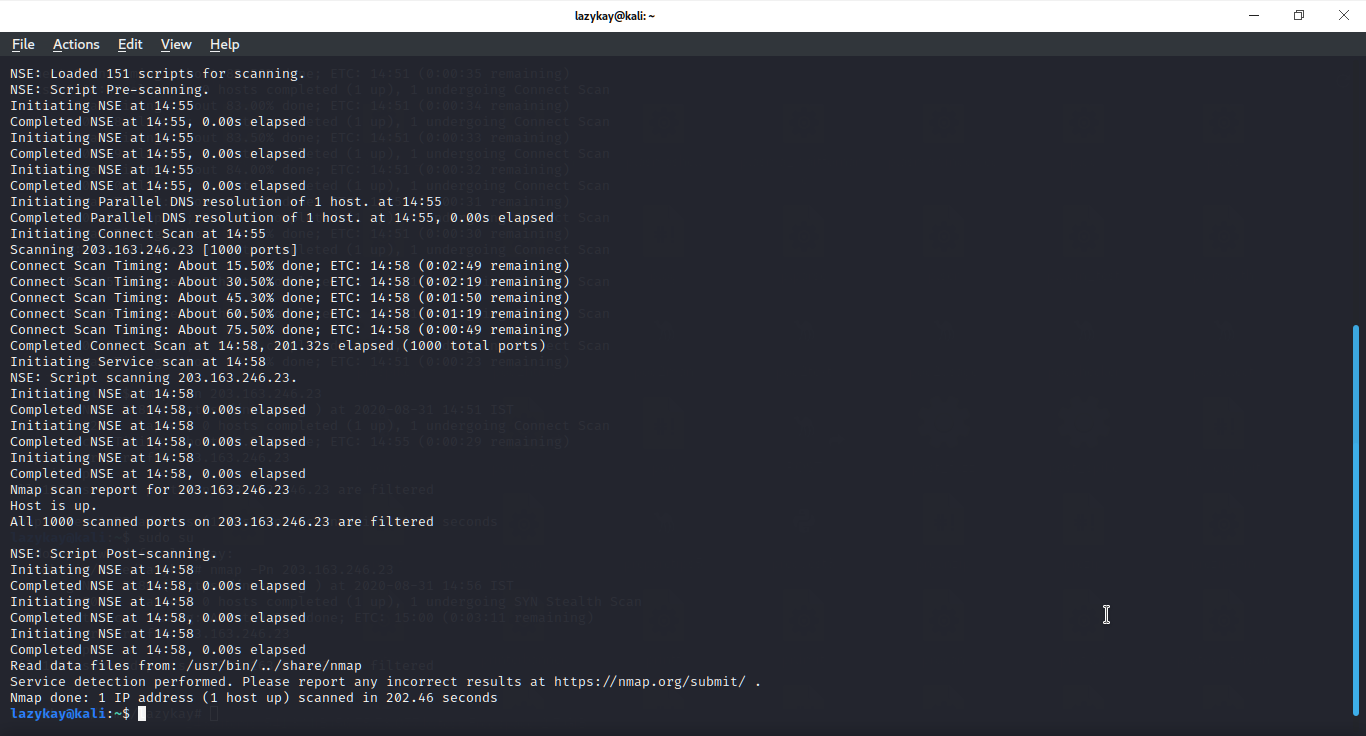
Let’s find the Location of the mail server by using any Ip finder tools.

Address : wipro-com.mail.protection.outlook.com



Mail Server Location : Singapore

Task 3. Scan & Find the open Ports in 203.163.246.23

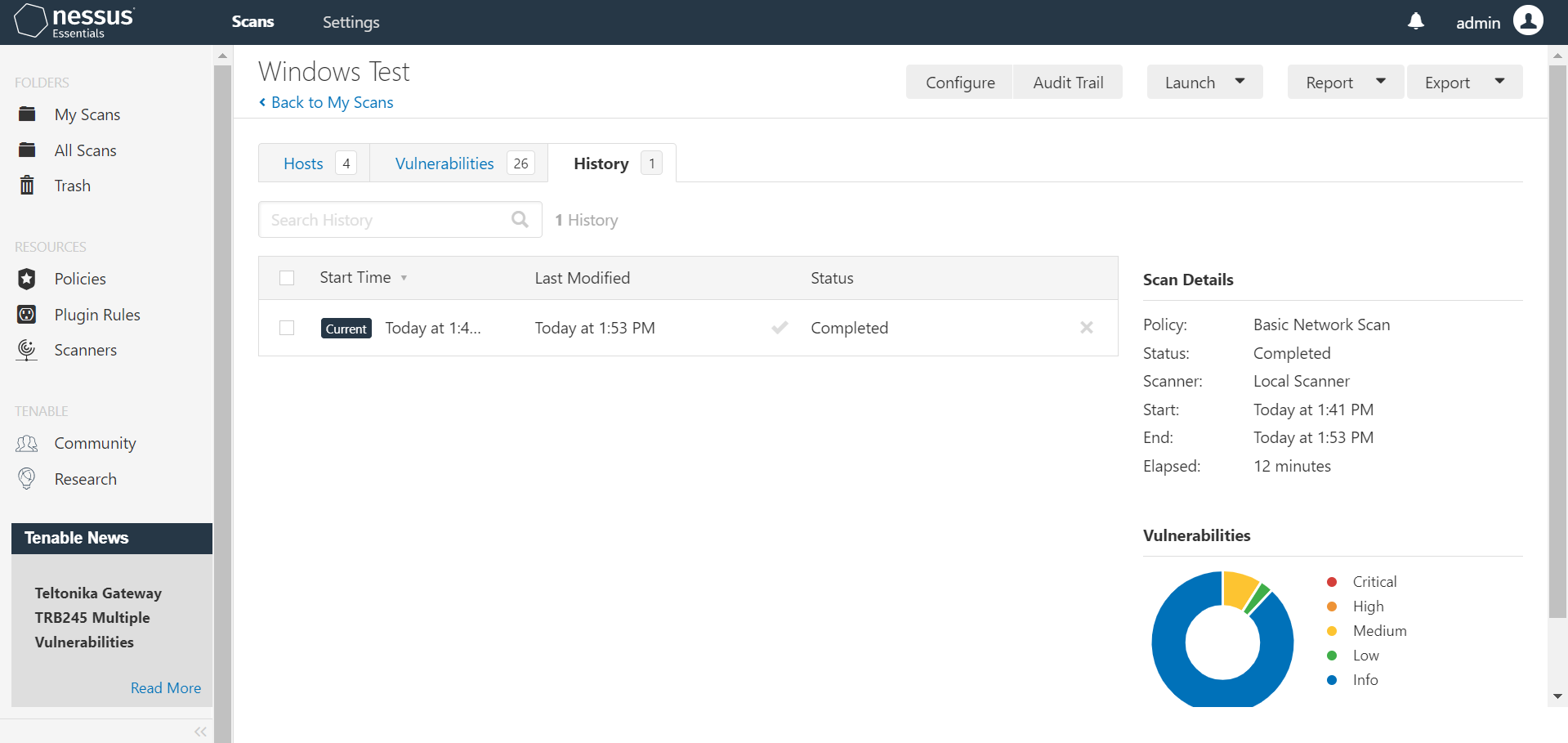


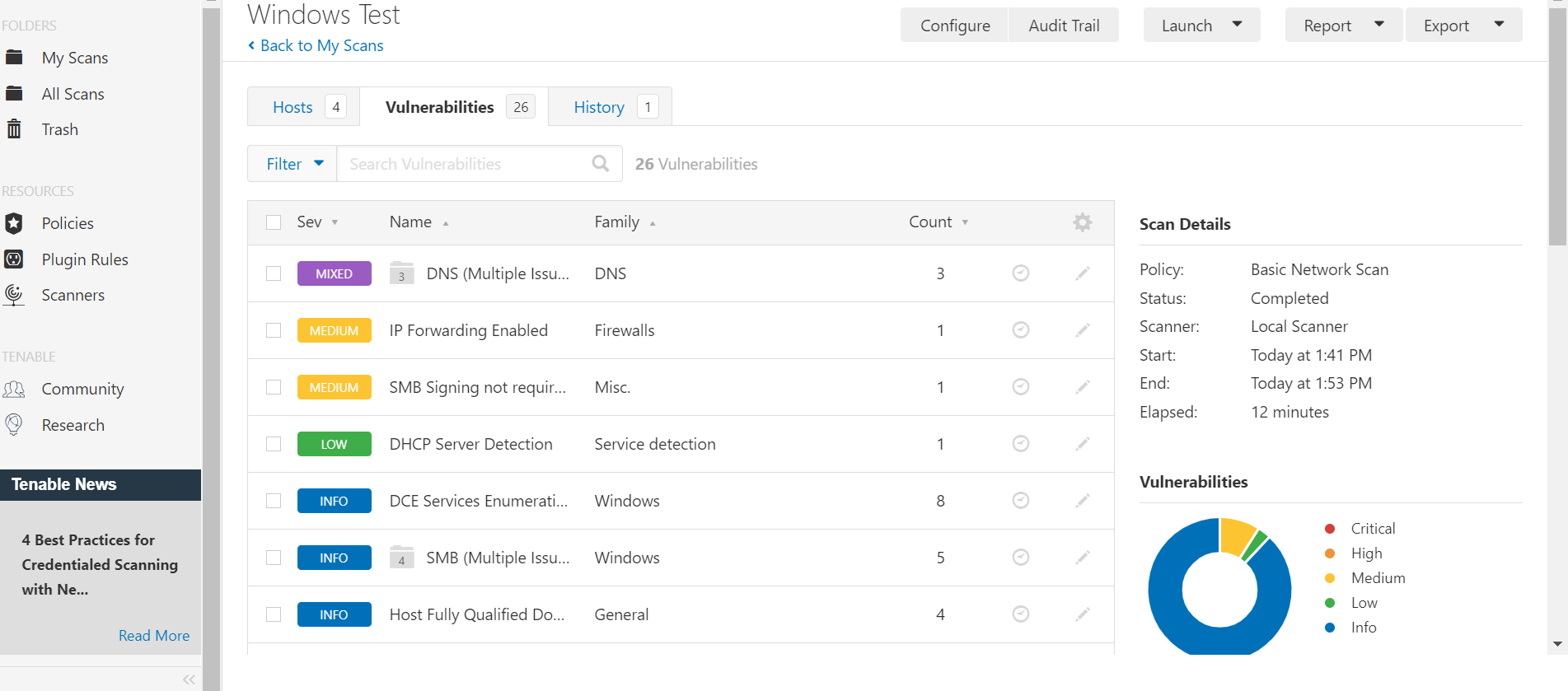
All 1000 ports are filtered. No Open Ports.

Task 4. Install Nessus on VM & Find the Vulnerabilities.

NESSUS installed & scanned the machine.

Choose Scan -> All Scan -> Basic Network Scan to find vulnerabilities in our Desktop / Laptop





Vulnerabilities are found using NESSUS .