**Lab Report No :** 02

**Lab Report Name :** Install Wireshark in Linux

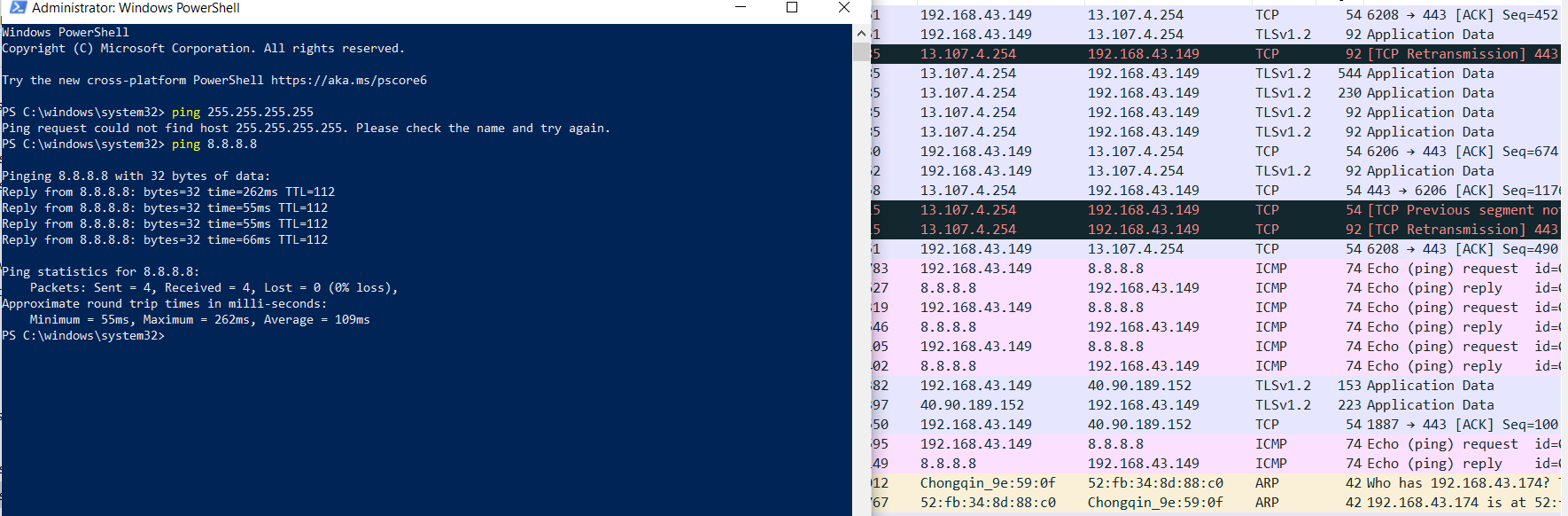
**Name:** MD Ansar Ali

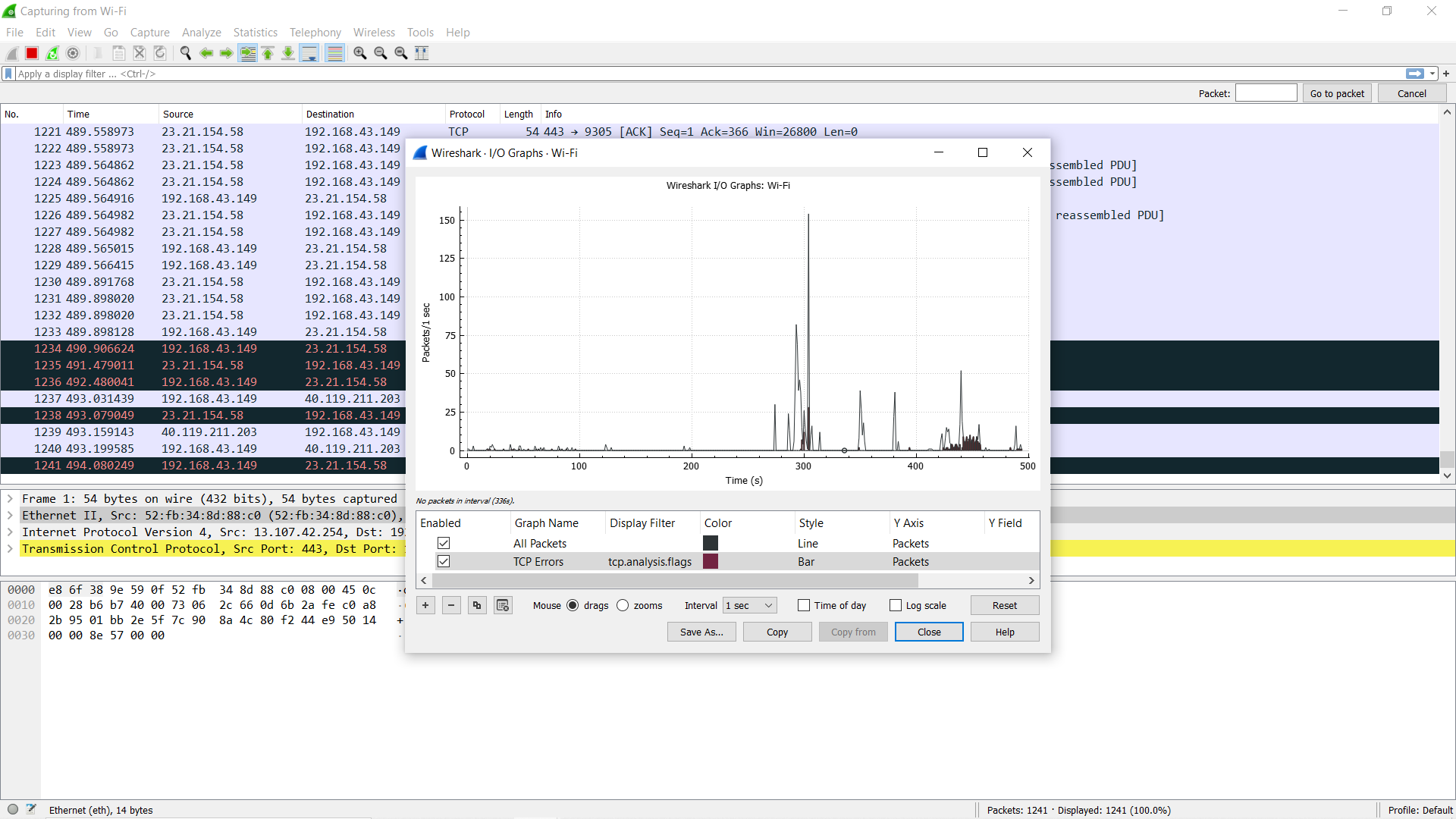
**ID:** IT-17041

**Installing Wireshark:**

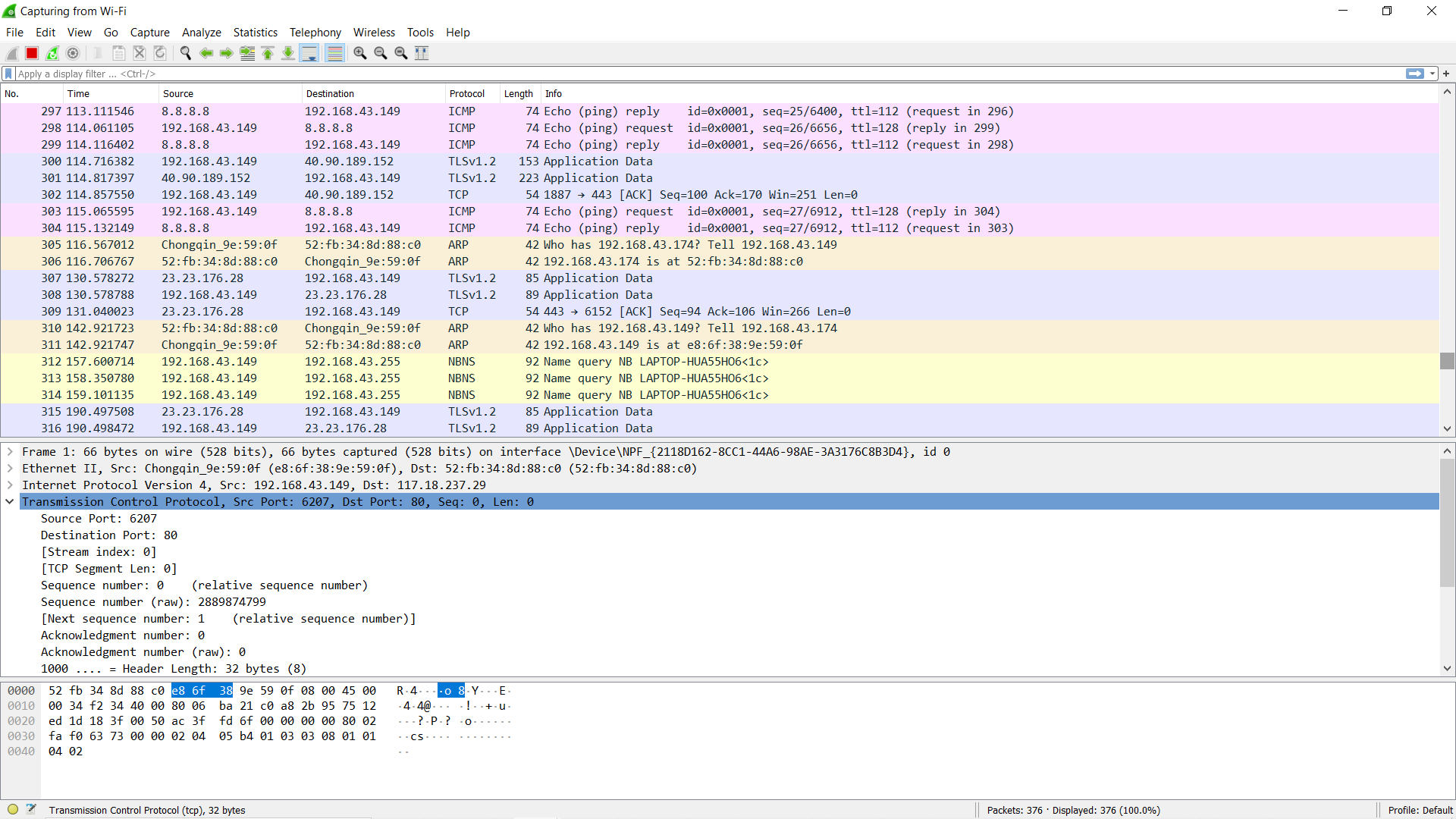
Wireshark is available in the official package repository of Ubuntu 14.04 LTS and later. So it is really easy to install.

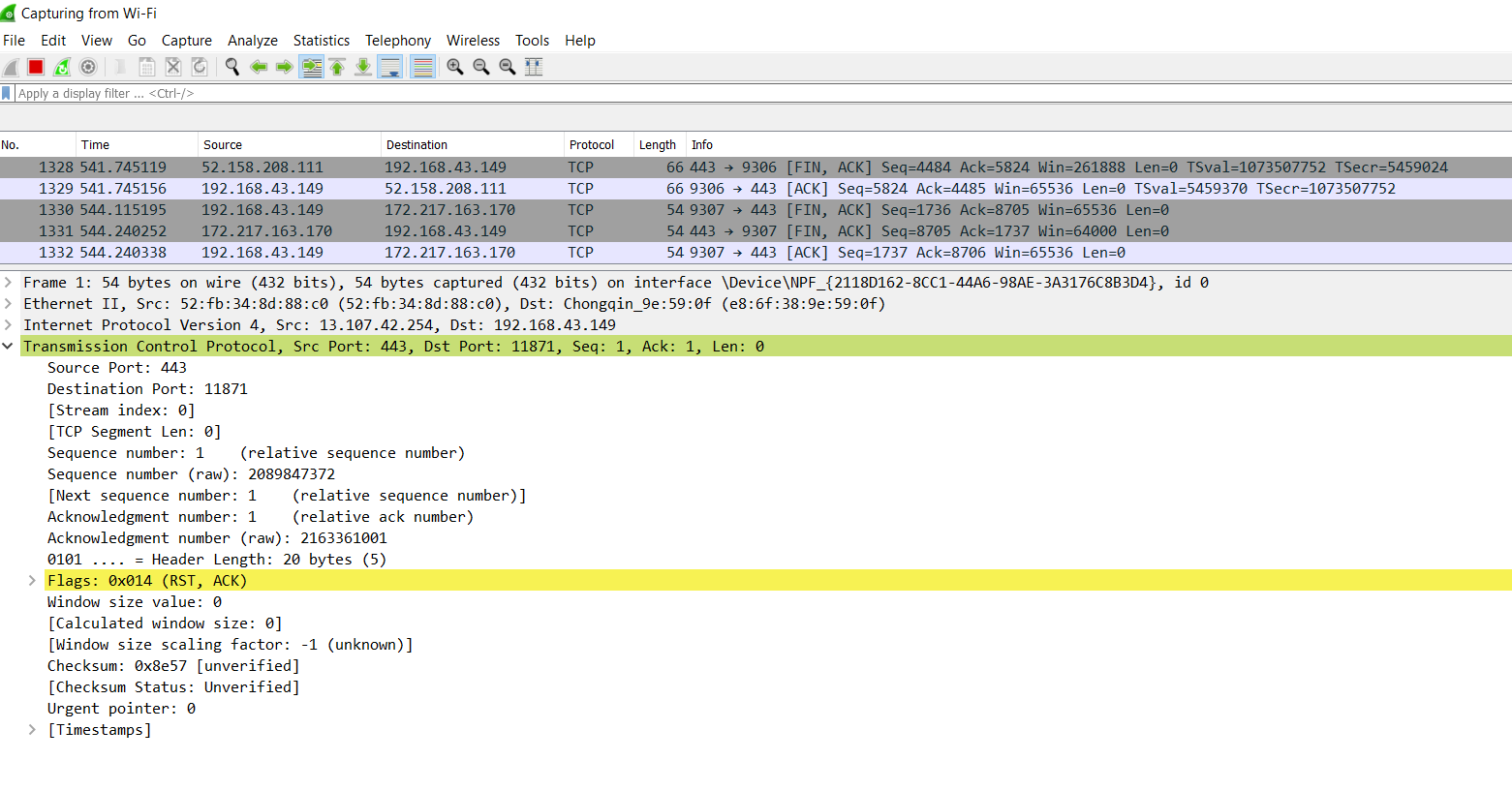
**Ping information & captured packet: ping 8.8.8.8 in powershell**

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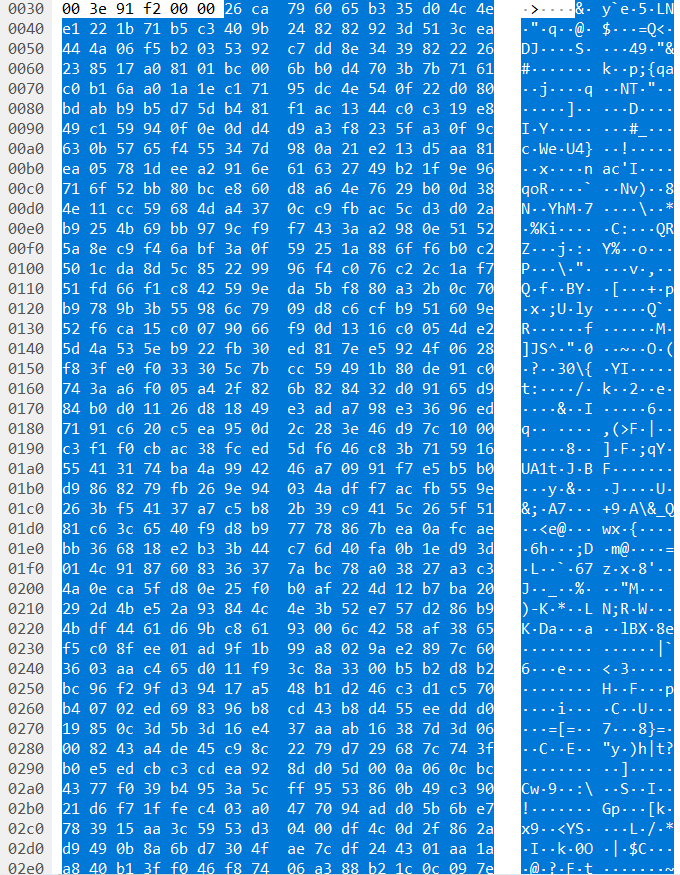
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**The protocol information :**

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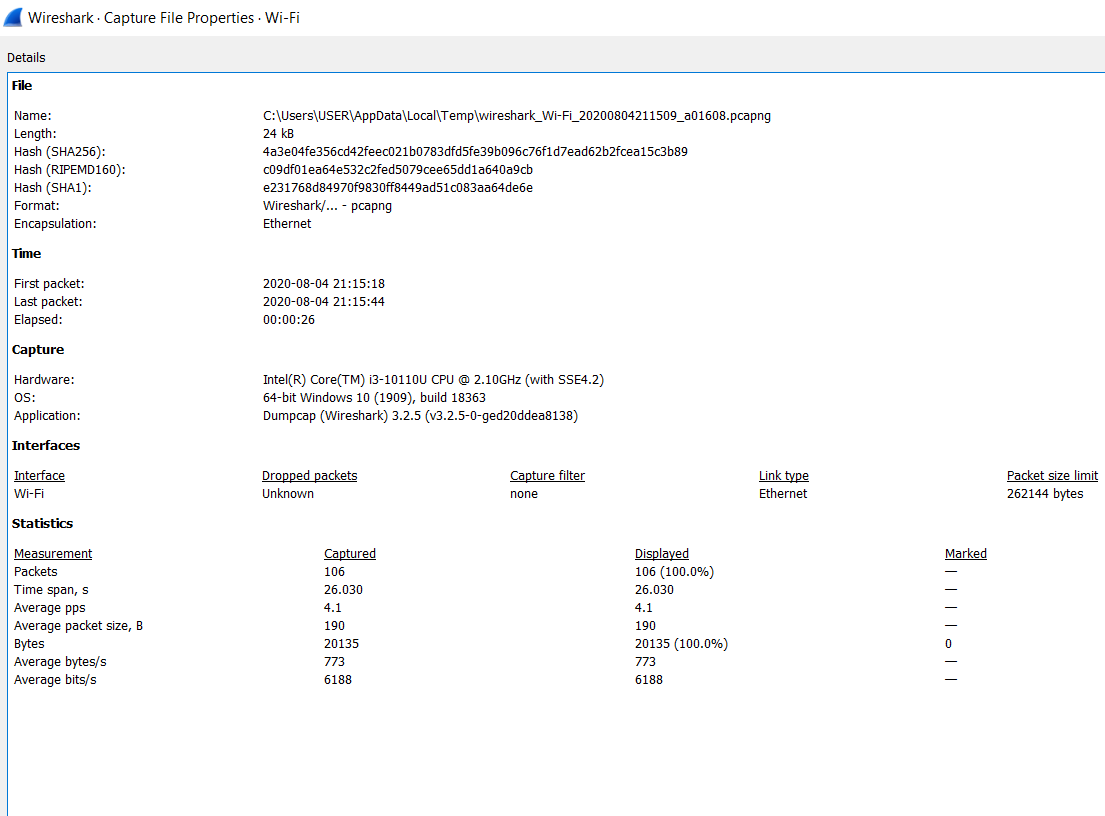
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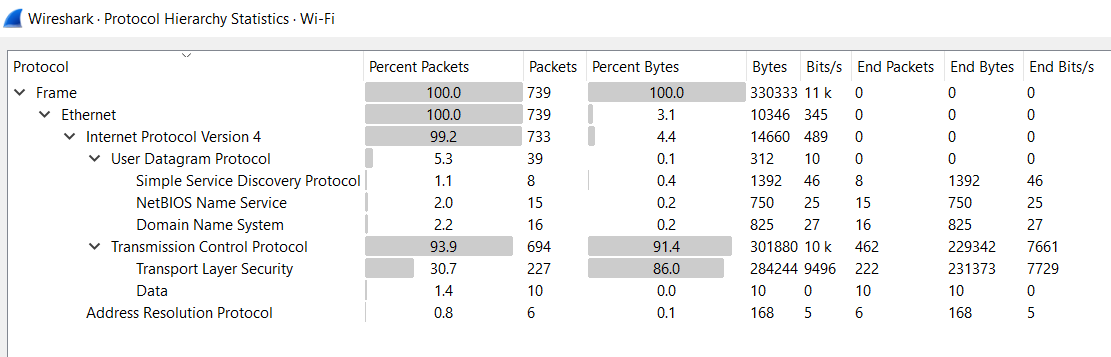
**Port Security Hashing Algorithm:**

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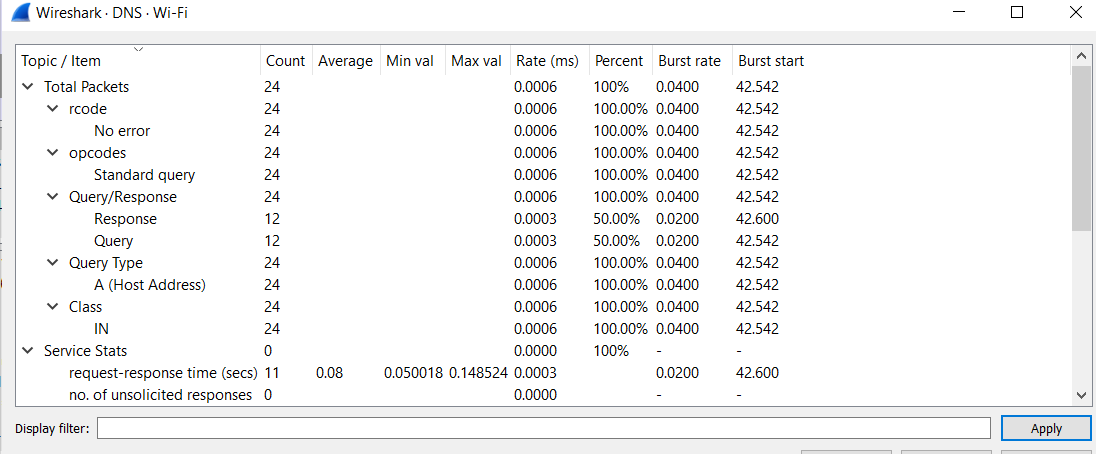
**Different Statistics:**

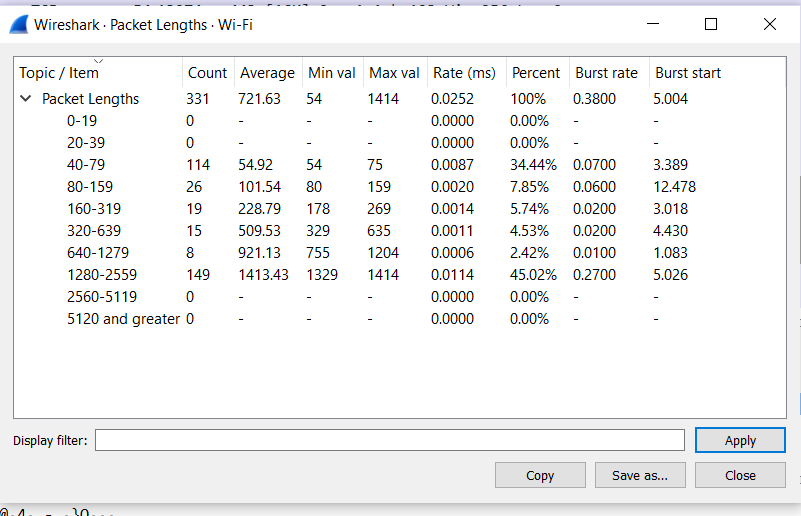
**Wi\_Fi file capture**

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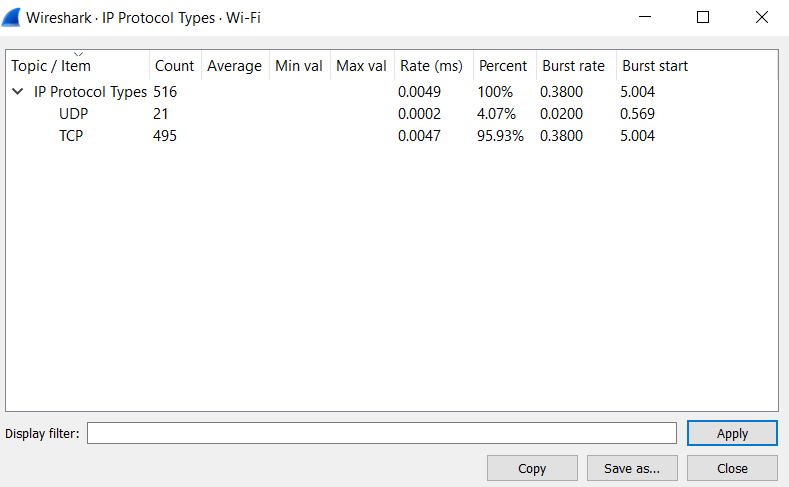
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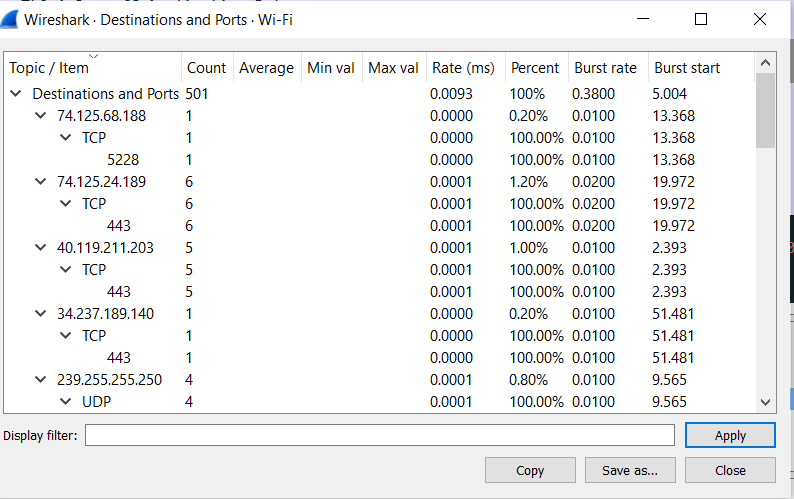
**DNS**

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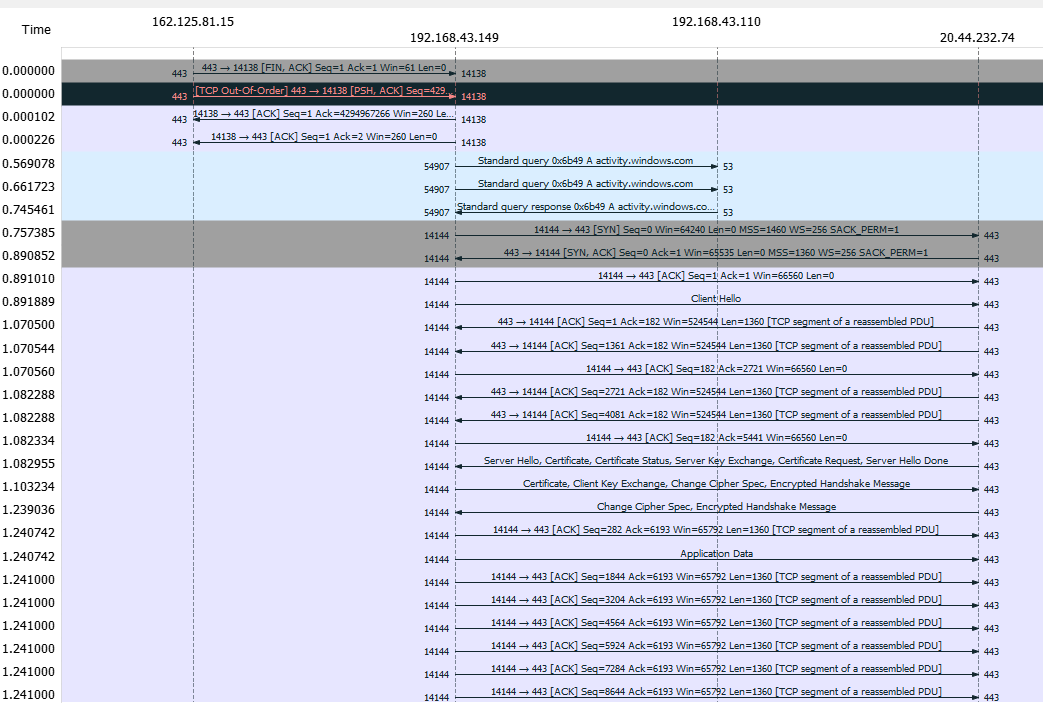
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**Protocol have been used:**

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**Real time Response:**

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**Conclution:**

Wireshark is a open source and free software. It is a Graphical alternative to TCP dump and display packet in details. Open files contains packet data captures. This is useful for analyzing data captured “off the wire” from a live network connection, or data read from a capture file. The Wireshark package contains a network protocol analyzer

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