

### Practical 8 : Analyzing packet captured using CHARUSAT intranet using Wireshark. Use of different Wireshark Display Filters.

#### Software & Hardware Requirements:

Wireshark

**Knowledge requirements:** basic knowledge of wireshark Software...

#### Question:

Q-1. What are the features in Wireshark ?

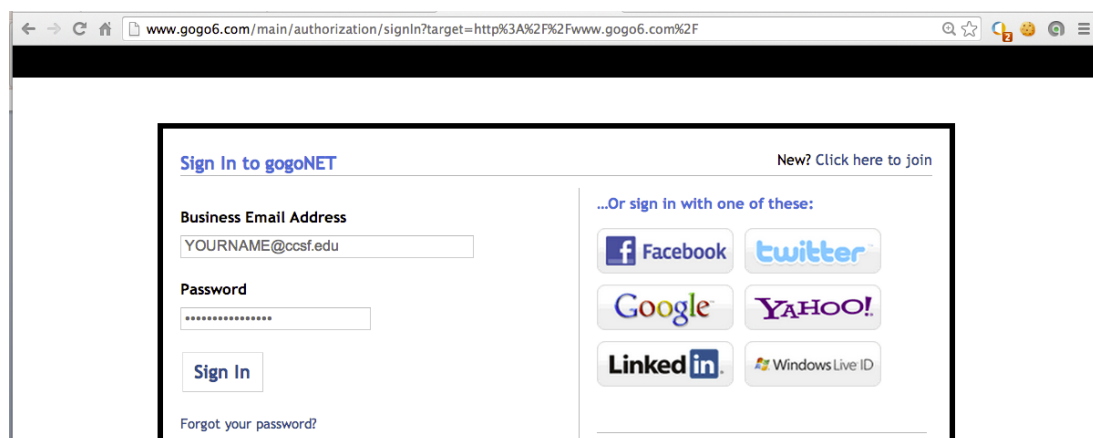
Answer :

The following are some of the many features Wireshark provides:

- Available for UNIX and Windows.
- Capture live packet data from a network interface.
- Open files containing packet data captured with tcpdump/WinDump, Wireshark, and many other packet capture programs.
- Import packets from text files containing hex dumps of packet data.
- Display packets with very detailed protocol information.
- Save packet data captured.
- Export some or all packets in a number of capture file formats.
- Filter packets on many criteria.
- Search for packets on many criteria.
- Colorize packet display based on filters.
- Create various statistics.

#### Theory:

Step1: Open the Wireshark and select the Ethernet Filter.

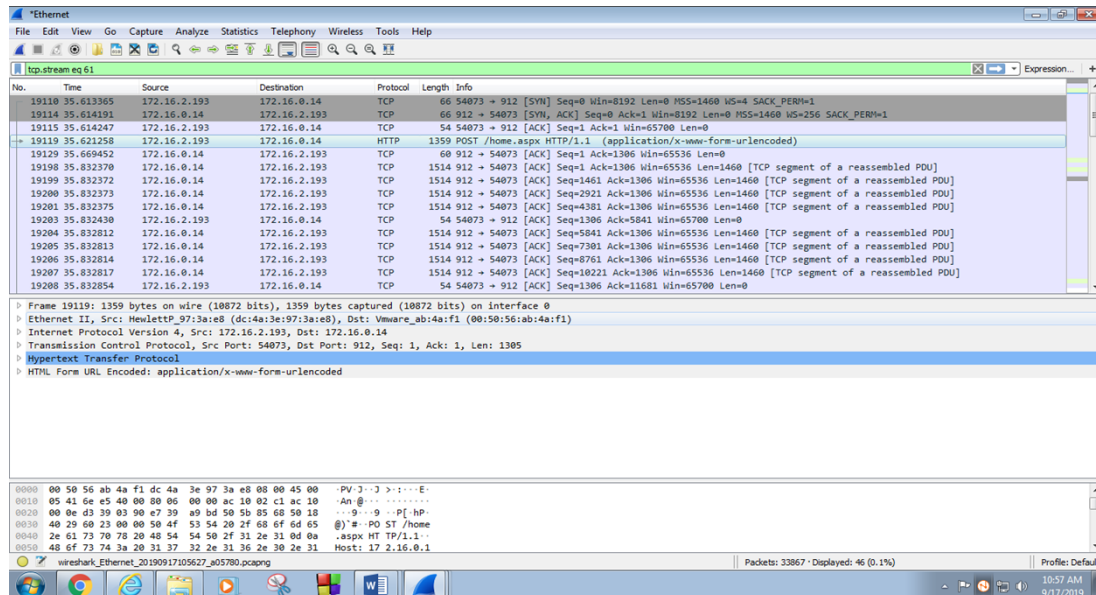


Step2: Enable the Analyze Option and Open the site login page.

## Data Communication And Networking Practicals

Step3: Enter the Login Details in web site.

Step4: Then apply the HTTP filter and select the HTTP stream and then find the Password of that Login ID As given below.



In this page you can see the user name and password that entered by user.

## CONCLUSION:

We study and Analyzing packet captured using CHARUSAT intranet using Wireshark and Use of different Wireshark Display Filters.