

CSE353: Computer Networks & CSE354: Computer Networks Lab

Sofiullah Iqbal Kiron

May 26, 2023

Course Credentials

Course Teacher: Md. Monoyar Hossain, Assistant Professor,
Dept. of CSE.
BSMRSTU.
Sunday, Wednesday at 10:30 AM.
Reference book: vule geci.

Main topics

1. Network Topology
2. Mobile network
3. Computer network

Some questions answered in the class

1. What is IP, MAC, DNS?
2. What is the difference between IPV4(32 bits or 4 bytes) and IPV6(128 bits)?
3. Distinguish between public and private IP address.
4. What is internet and intranet?

Mid Topics

1. Basic networking
2. IP addresses
3. Subnet

Internet Protocol: is a set of rules for routing and addressing data packets so that they can traverse across networks and arrive at right destination. In other words, formatting and processing data. Use of protocols enable computers communicate over the internet regardless.

Helpful links

- <https://www.cloudflare.com/learning/dns/glossary/what-is-my-ip-address/>
- <https://www.freecodecamp.org/news/subnet-mask-definition/>
- <https://support.huawei.com/enterprise/en/doc/EDOC1100145159>

Softwares required for lab work

WireShark

App1

Cisco Packet Tracer

App2