

CSCD330 Computer Networks

IP Address and Subnetting Links

The links below will guide you to information about IP addressing and Subnetting. The network layer works by routing packets according to IP addresses. Networks are organized by dividing the networks up into logical chunks of address space. The subnetworks are created by “subnetting” the addresses into smaller and smaller networks according to the needs of a given organization.

Your goal in learning this material is not to become expert network engineers but just to understand how the network addressing works and how packets are routed between the various networks via the addressing scheme.

Please visit any of the links below to learn more about IP addressing, subnetworks and how there are various levels of networks created by the IP address. Also, view the Lecture slides and read about IP addresses in Chapter 4 of the text.

Links

IP Subnetting Summary

<http://www.gtoal.com/subnet.html>

Tech Republic Tutorial

<http://www.techrepublic.com/article/techrepublic-tutorial-subnetting-a-tcp-ip-network/>

Daryl's IP Primer

<http://www.ipprimer.com/>

Nice links on the side for subnetting plus a calculator

These links plus the slides should give you a good start.

Happy subnetting.