CYSE-250- Basic Cybersecurity Programming and Networking

Assignment - 2

Networking Basics - Subnetting (50 points)

Understanding subnetting takes time and practice. Using the methods covered during the class, fill in the following tables.

Category	IP Address	Binary Format
Address	75.99.120.100	01001011.01100011.01111000.01100100
Netmask	28	11111111.11111111.11111111.11110000
Network address	75.99.120.96	01001011.01100011.01111000.01100000
Broadcast address (28-32=4bits)	75.99.120.111	01001011.01100011.01111000.01101111
Maximum host in the network	2^4-2=16-2=14	