

**What is a
port?**



What is a port?

A Port is NOT a physical connection

It's a logical connection

Used by programs and services to exchange information

Port *number*

Port have **unique number** that identify them

0 – 65535 (**16 bits = 2 bytes**)

Port always associated with IP address

123.223.111.212:80



113.123.101.202

123.223.111.212

HTTP 80

SMTP 25

FTP 21

FTP	21
SSH	22
Telnet	23
SMTP	25
DNS	53
Gopher	70
HTTP	80
POP2	109
POP3	110
NNTP	119

IP addresses get data to the right device, and port numbers get it to the right application or service on that device.