

Internet Protocol

Outline

Introduction to Internet Protocol

Header and address formats

ICMP

Tools

Internet Protocol

- Runs on all hosts in the Internet and enables packets to be routed between systems
 - Key protocol for building networks
 - Kahn-Cerf
- Datagram delivery of packets
 - Connectionless and based on routing protocols
- Well defined packet format
- Global addressing
 - Means for identifying Internet hosts
- Fragmentation and reassembly
 - Since packets can be of varying size
- Error reporting

An IP Internet – Network of Networks

