

IP Multicast

Basic concepts, Definition and API
Abstraction

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- IP Multicast
 - Abstraction & Multicast addresses
 - Sending & Receiving
- Java multicast API
 - Example applications

IP Multicast

- Based on UDP
 - Connectionless,
 - datagram,
 - unreliable,
 - unordered,
 - ...

IP Multicast

- Defined in IETF RFC-1112

“IP multicasting is the transmission of an IP datagram to a ‘host group’, a set of zero or more hosts identified by a single IP destination address. A multicast datagram is delivered to all members of its destination host group.”

IP multicast API abstraction

