

Date

Message Delivery Types

- (1) **unicast**:- one to one communication. Data sent from a single source to a single destination.
Addressed to a specific device (IP address)
eg: sending an email to a single recipient
 - (2) **multicast**:- one to many communication. Data sent from a single source to multiple destinations.
Addressed to a group of devices (multicast IP address)
eg: sending a video stream to multiple viewers
 - (3) **Broadcast**:- one to all communication. Data sent from a single source to all devices on the network. Addressed to all devices
(broadcast IP address)
 - (4) **Any cast**:- one to nearest communication.
Data sent from a single source to the nearest or best available destination. Addressed to a group of devices, but only the closest one responds.
eg:- sending a request to a cluster of servers, and the closest one responds.
- eg:- sending a network announcement to all devices.