IPv6 Transmission Types

- **Unicast (One-to-One) Communication**
    - One-to-one communication, just like with IPv4.

- **Multicast (One-to-Many) Communication**
    - IPv6 doesn't use broadcast transmissions (one-to-all).
    - IPv6 multicast replaced broadcast communications.
    - Sends to multi-cast group members.

- **Anycast (One-to-One-of-Many) Communication**
    - Identifies multiple interfaces, but a packet of data is delivered to the nearest network interfaces (used in routing).