

Comparing IP and MAC Addresses

IP Addresses

- Network (OSI Layer 3) Addresses
- Logical Addresses
- Assigned in Operating System
- Allows network-to-network communication via routers
- WAN communication

MAC Addresses

- Data Link (OSI Layer 2) Addresses
- Physical Addresses
- Physically burned on NIC
- Allows internetwork communication via hubs, switches, and routers
- Local LAN communication