

# Understanding Broadcast Domains

- A broadcast domain is a network segment in which all devices on that network receive ethernet broadcasts messages (one-to-all) from each other.
  - **Example Broadcast Protocols:** ARP, DHCP
- Hubs and switches forward broadcast messages; routers do not.
  - Broadcast messages are very inefficient and resource-intensive.
  - If routers allowed broadcasts, WAN and Internet performance would drastically decline due to broadcast storms.

