



1































The Domain Name System

- The Domain Name System (DNS) resolves a Fully Qualified Domain Name (FQDN) such as www.cisco.com to an IP address.
- Enterprises will typically have an internal DNS server which can resolve the IP addresses of internal hosts.
- Hosts will send their DNS queries to this server.
- If the internal DNS server cannot resolve a query, it will forward the request out to public DNS servers on the Internet.
- DNS requests are sent using UDP port 53 (and can fail over to TCP).

