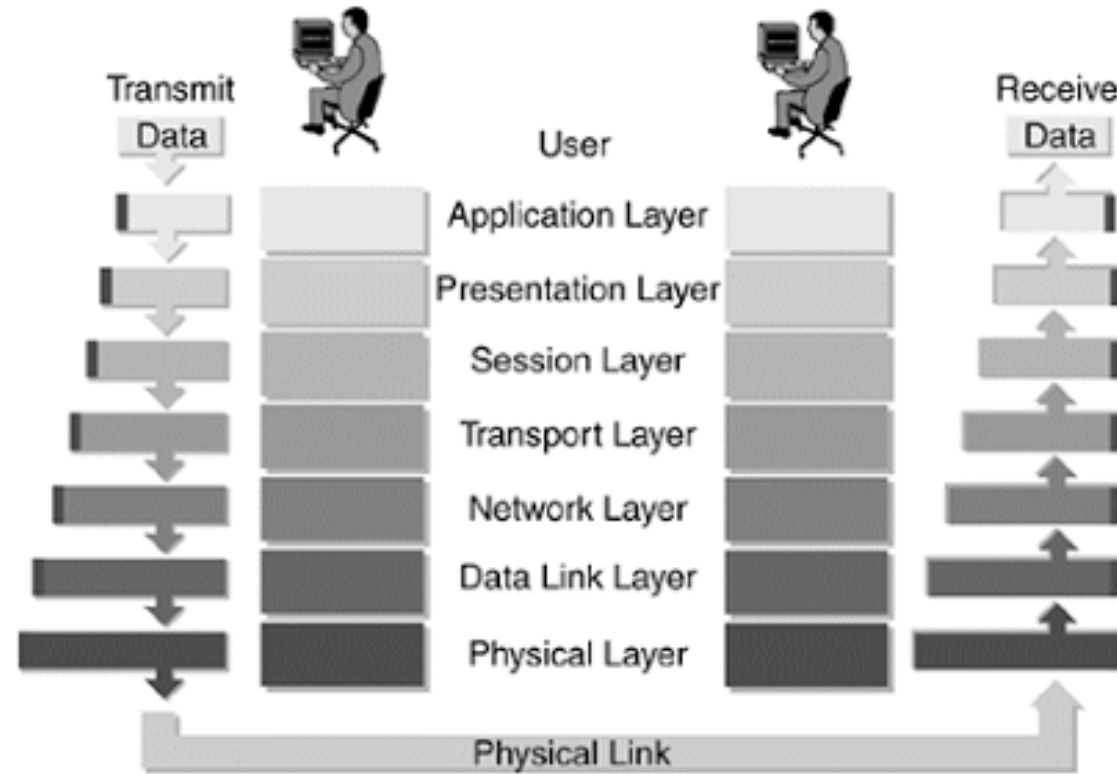


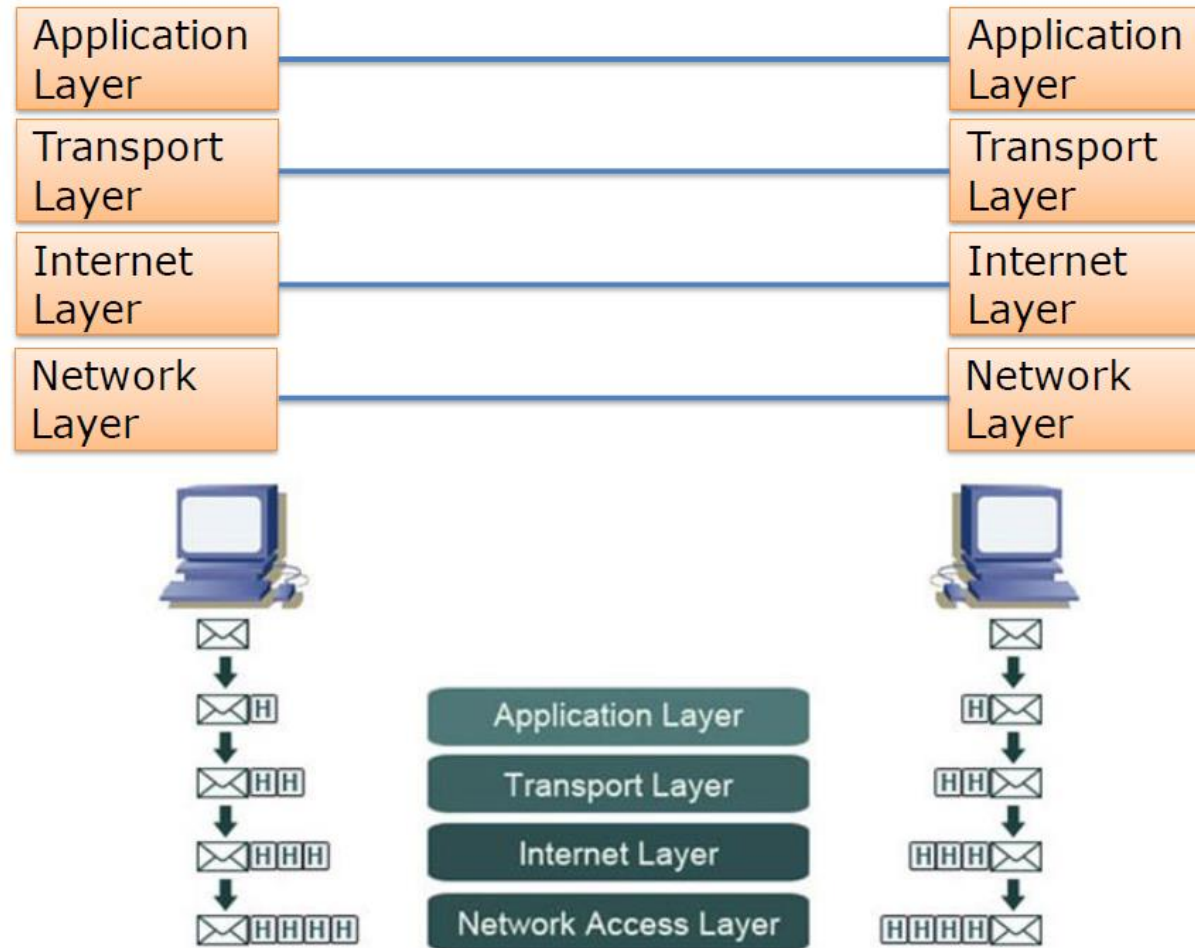
# NETWORK

INTERNET / HTTP / SECURITY / HTTPS / SERVER

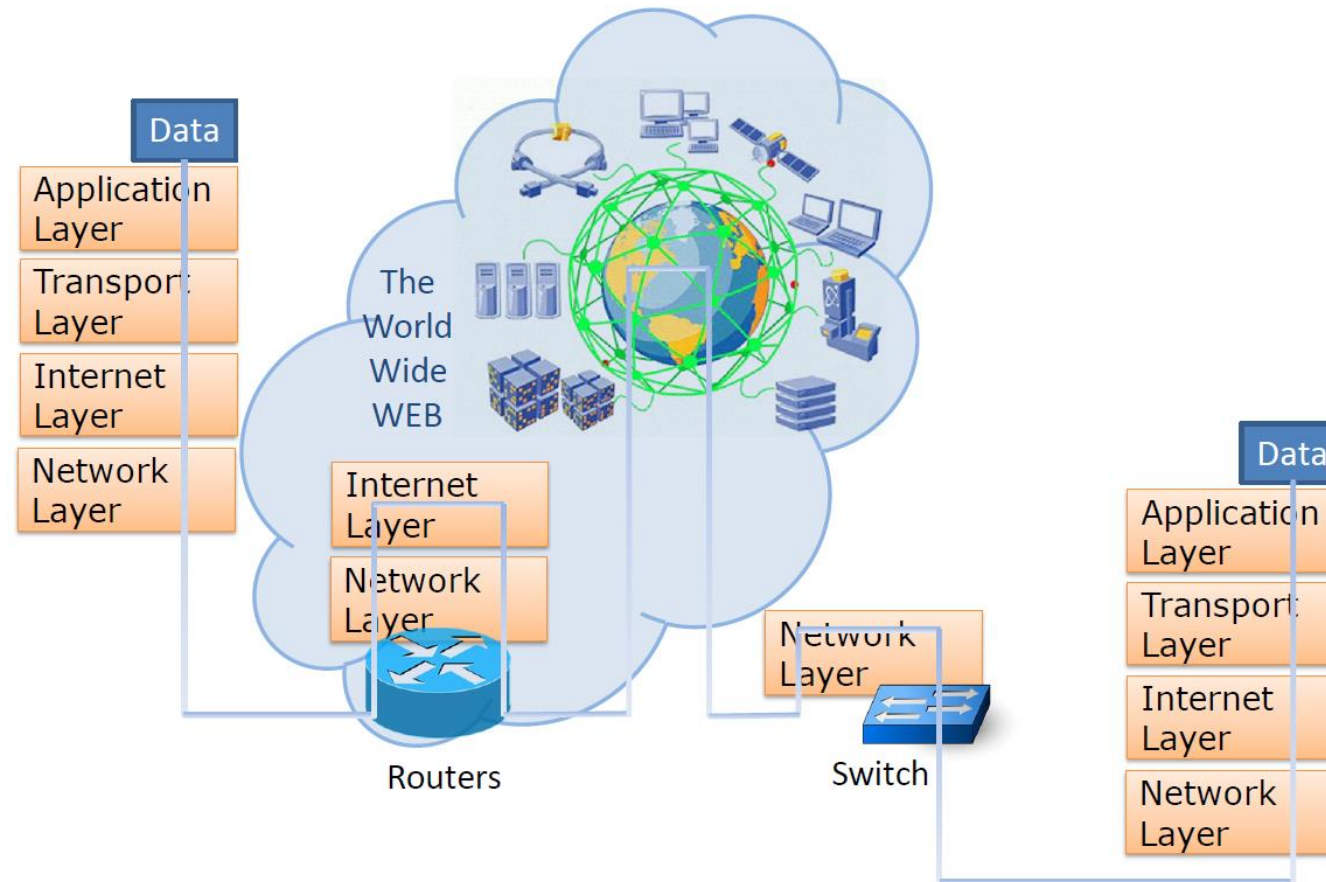
# OSI Model



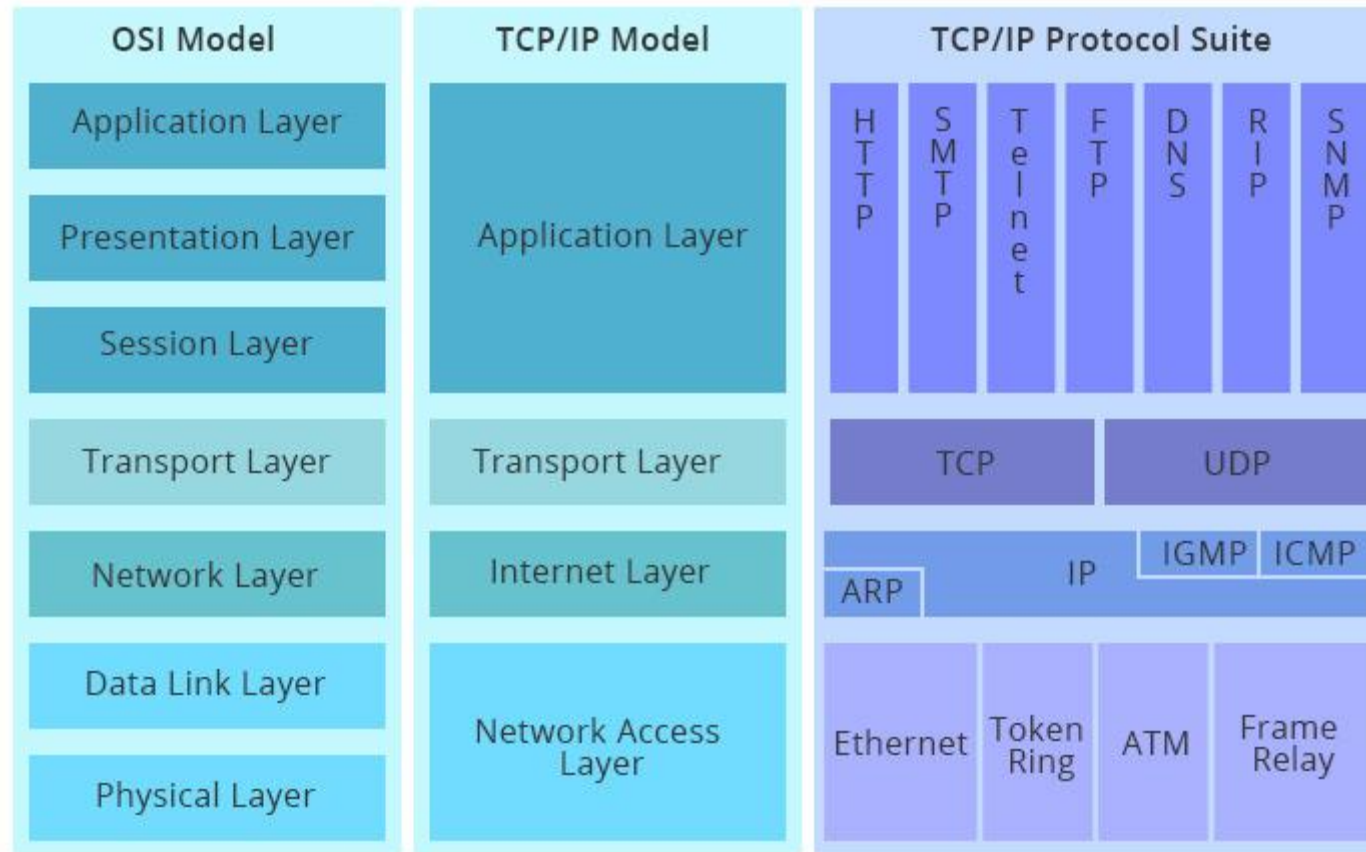
# TCP/IP Model



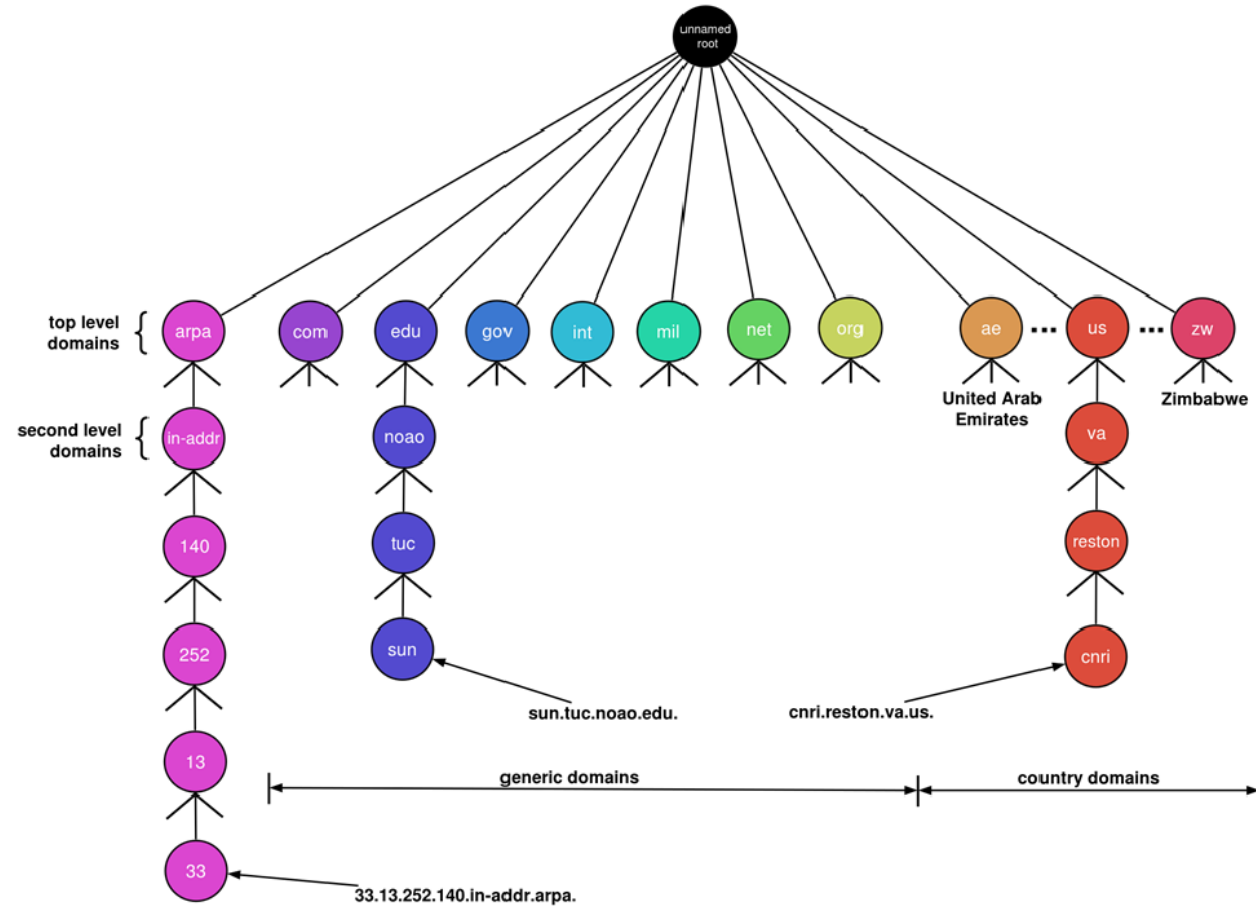
# TCP/IP Model



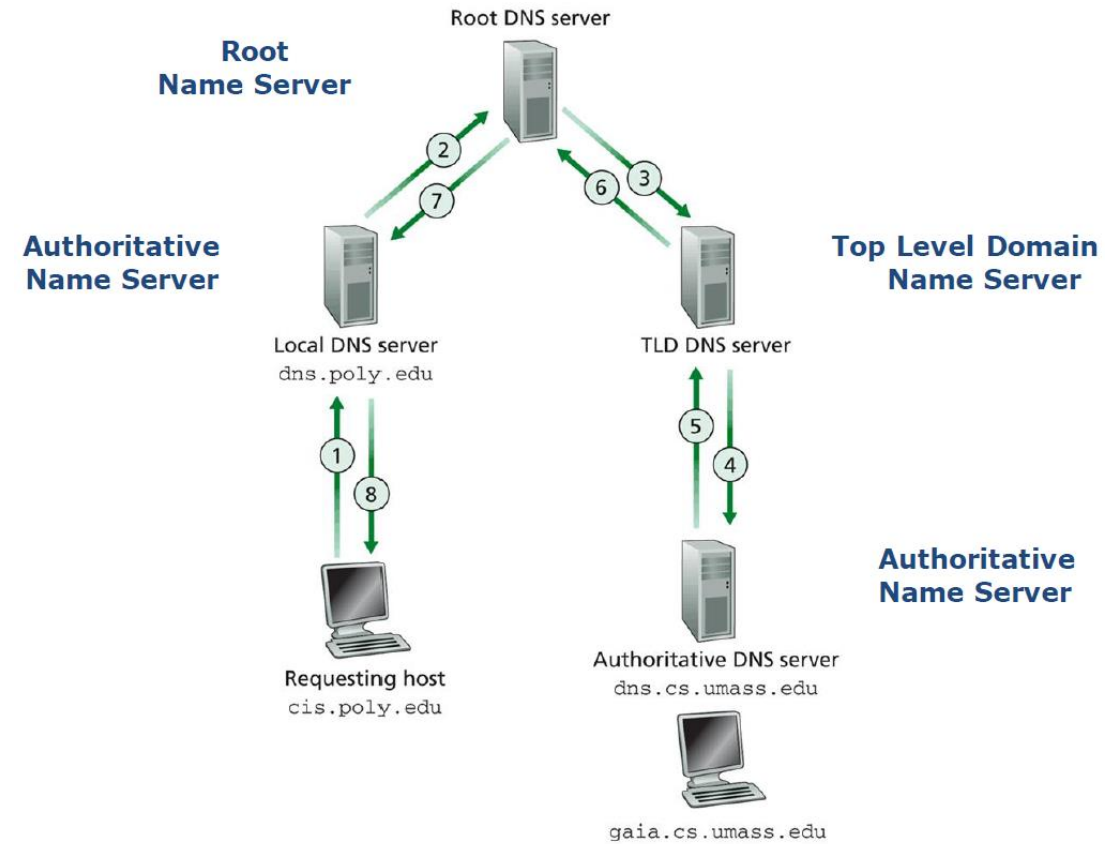
# OSI <-> TCP/IP



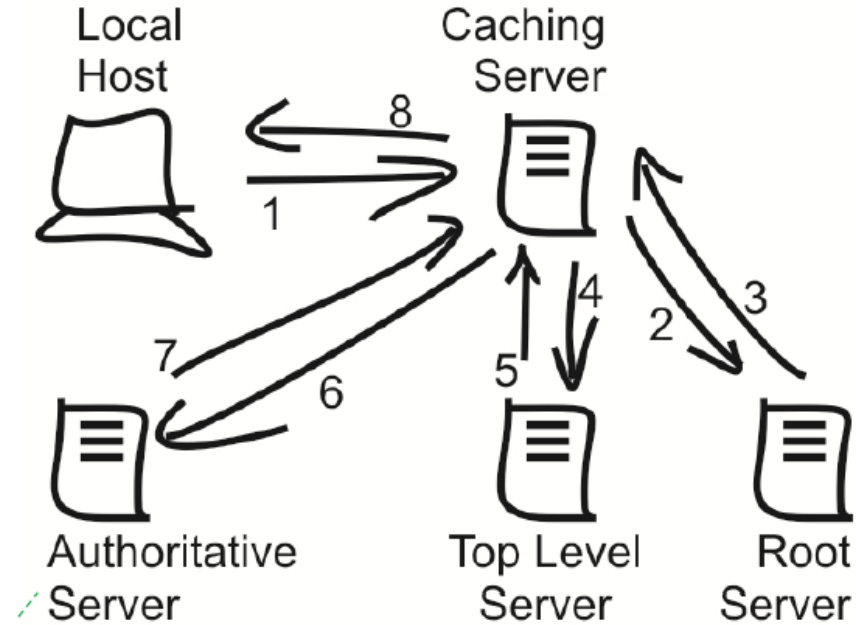
# DNS



# DNS



# DNS



- 1: Request caching server for domain name
- 2: Request not found in cache, request root server for top level server
- 3: Return top level server
- 4: Request top level server for authoritative server
- 5: Return authoritative server
- 6: Request authoritative server for IP address
- 7: Return and cache IP address
- 8: Return IP address



# INTERNET

## Commands

Ipconfig / Ifconfig

Ping

Tracert / Traceroute

Pathping

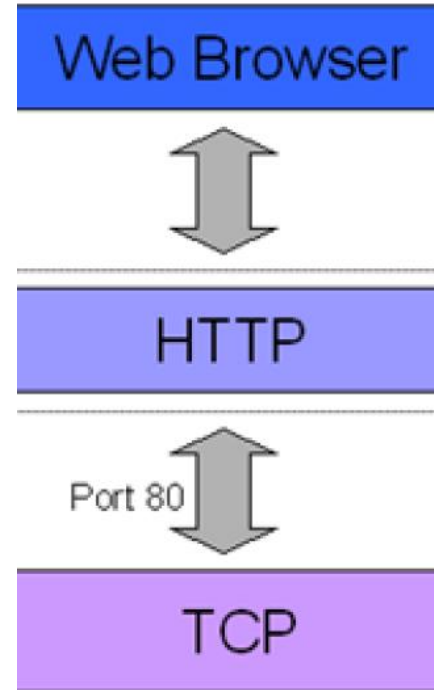
Netstat

Nslookup

Whois.com

Whatismyip.com

# HTTP



# HTTP

