* DNS
  + Domain Name Service
* Host file
  + Host name + IP address pairs
  + Does not scale
* Process
  + User gives a hostname to an application
  + Application pass hostname to dns client
  + Dns client query dns server (port 53)
    - user supplied host name
  + DNS client passes IP address back to the application
  + Application communicates with the host
* Domain name query
  + FQDN
    - Fully Qualified Domain Name
  + PQDN
    - Partially qualified Domain name
      * Suffixes
* Domain
  + Subtree of our namespace
* Zone
  + Contiguous area of the namespace for which a name server is responsible
* Primary Server
  + Updates deletes
  + creates records
* Secondary Server
* Dynamic DNS
  + DCHP
    - DNS Server