Unix System Administration

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DNS Information

- Chapter 15 of the book
  - Covers everything we need for the lab
  - Different record types
  - Server configuration in /etc/bind/named.conf
  - Zone configuration for zone files under /etc/bind
  - RNDC key configuration
  - More info on 'dig' to query your DNS server

DNS – Zones and Delegation

- Authority for a zone is delegated by a parent zone
  - The **root** zone delegates **edu** authority to people who manage the **edu** zone
  - The **edu** zone delegates **colorado.edu** authority to the University of Colorado
  - CU then delegates the **cs.colorado.edu** zone to Computer Science
- Delegation of authority means that some parent nameserver has data records that associate a given child zone with some **specific** nameservers