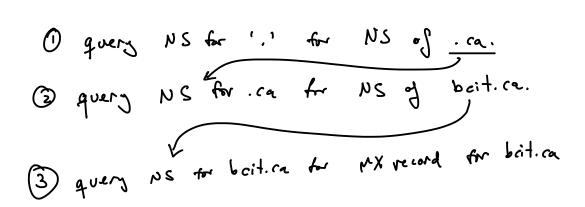
## Lecture 19

Exercise 1: Compare the file (path) name /usr/local/src/bind/hosts.txt and the domain name red.sf.isc.com. In each case what is the most specific portion of the name? What is the least-specific? What characters are used to separate different parts of the names? What would be the (null) name of the top level of the hierarchy?

domain name
leftmost (red)
rightmost (com)
. (period)

**Exercise 2**: Based on these records, what is the IP address of ns.example.com? What is the IP address of example.com? What IP addresses would you connect to in order to send e-mail addressed to mail example.com?

Exercise 3: Explain the sequence of servers queried and the records retrieved to find the MX record for bcit.ca.



**Exercise 4**: If you were updating the RR for a domain, what type(s) of DNS server(s) would you have to update?

	ev-thon-tastive	recorsive (aching)
buingha		has no DNS information configured, it queries authoritative have servers
se condors	Cobied	ho se condity recursive name servers (ho such thing)

**Exercise 5**: Look up the IP address for google.com. What is returned by the reverse DNS lookup?