Lab exercises 5 - RNDC

Objective: Be able to use RNDC to securely send control messages to a name
server either remotely or locally.

1. Use RNDC for the lab master name server. Under /var/named/master generate the
   RNDC key using rndc-confgen and update named.conf to use it.

        % rndc-confgen

2. Cut the first part the of statement to rndc.conf and the second part which
   has a comment (hash) to named.conf. Make sure to remove the comment starting
   from the "key" statement before using it.

   You could also place the second part to a file then use "include" statement
   in your named.conf to specify that file.

        Example:

        include "/var/named/master/myrndc-key.txt";

3. Run primary name server using -g flag and try the following statement on
   a different terminal.

        %rndc -s <server ip> -c rndc.conf   reload (reload config & all zones)
        %rndc -s <server ip> -c rndc.conf   reload pcx.net (reload single zone)

        %rndc -s <server ip> -c rndc.conf   status
        %rndc -s <server ip> -c rndc.conf   stop
        %rndc -s <server ip> -c rndc.conf   trace [level] (activate debugging)
        %rndc -s <server ip> -c rndc.conf   flush (flushes the server's cache)

*the following feature will be available in Bind 9.3

        %rndc -s <server ip> -c rndc.conf   freeze   (suspend dynamic updates)
        %rndc -s <server ip> -c rndc.conf   unfreeze (Resume dynamic updates)