How to install and configure Bind DNS on Webmin

1. What is Webmin. Introduction

Webmin is a web-based control panel for any Linux machine which lets you manage your server through a modern web-based interface. Using any browser you can setup user accounts, Apache, DNS, file sharing and so on.

Webmin updates system files like /etc/inetd.conf, /etc/passwd, /etc/bind/named.conf.local

Before start working with webmin we have some things to do.

Previous steps (Server VM)

1. Uninstall bind9 and its dependencies(from now on we will use bind module of webmin.)

    ```
    sudo apt-get remove --auto-remove bind
    ```

2. Add webmin repository.

    Add the Webmin repository, we do this by adding the repository to the /etc/apt/sources.list file. Open the file and add this line to the bottom of the file to add the new repository:

    deb http://download.webmin.com/download/repository sarge contrib

3. Next, add the Webmin PGP key so that your system will trust the new repository:

    ```
    wget http://www.webmin.com/jcameron-key.asc
    sudo apt-key add jcameron-key.asc
    ```

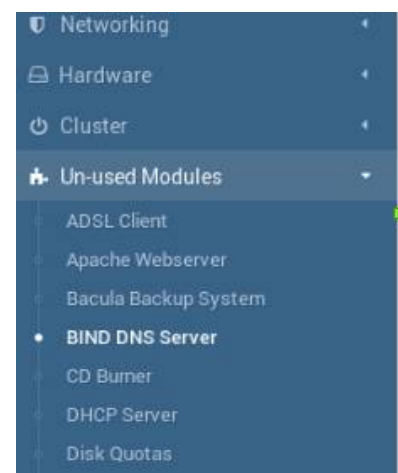4. Next, update the list of packages to include the Webmin repository:

    ```
    sudo apt update
    ```

5. Then install Webmin:

    - ```
      sudo apt install webmin
      ```

    - ```
      After that you will get webmin when you
      login to https://your-ip:10000/
      ```

6. Install Bind9 Module:

    - Select Bind from Unused modules and then press Click here button to install

    -

Once the 'to install file list' appears select Install now

Select Refresh Modules and check in Servers Section that BIND DNS appear on it.

2. Managing Zones

Now, we will create a master zone. Click on '+ Create Master Zone' and complete de Domain Name (myzone.com), Master Server (server-pc.myzone.com) and Email address (youremail@myzone.com).

After create the Master Server we will add the address records:

When you finish you must select the button 'Apply configuration 'on the top right corner to apply the changes:

If you need more DNS server you must add more Name servers.

3. EXERCISES

The objective of this exercises is to do what we did in the previous Lab in the Server VM, but this time using webmin.

1. Create "minombre.abastos.edu zone". (Section 7 Lab II)

2. Add client VM as another Name server. (Section 8.2 LabII)

3. Say the Secondary Name Server IP to the Master Server. (Section 8.2 Lab II). You must go to "Edit Zone Options", and add the Secondary Name Server IP to the 'Also notify Slaves ..."

4. Now check the Primary and Secondary Servers. Don't forget to apply the changes.

5. Change some IP address and check that Secondary Server is updated in some seconds.

6. Take and upload a screenshot of:

   ○ Name Servers Records

   ○ Address Records

7. Upload your host zone file, you will find it in /var/lib/bind

4. Internet resources

- https://doxfer.webmin.com/Webmin/BIND_DNS_Server