### **DNS**

### Task: Replace DNS Resolver in Ubuntu

Learn how to replace the default DNS resolver in Ubuntu by configuring the resolv.conf file and adjusting DNS settings in the Network Manager.

* Identify Current DNS Resolver

Open a terminal on your Ubuntu machine and run the following command to check the current DNS resolver:

cat /etc/resolv.conf

Take note of the existing DNS resolver IP addresses.

* Configure DNS Resolver using resolv.conf

Edit the resolv.conf file to change the DNS resolver.

Replace the existing nameserver entries with the IP addresses of your desired DNS resolvers. For example:

nameserver 8.8.8.8

nameserver 8.8.4.4

Save the changes and exit the editor.

* Test DNS Resolution

Verify that the DNS resolver has been successfully changed by testing DNS resolution. Use the ping command to check if a domain is resolved:

ping example.com

Ensure that the domain is resolved using the new DNS resolver IP addresses.

clean the resolv.conf

* install bind9:

read a bit about bind9 & ubuntu & Install the bind9 package on your Ubuntu server.

Configure the named.conf.options file for basic DNS settings.

* Create Forward and Reverse Zones:

Create a forward lookup zone for a domain (e.g., example.com).

Set up a reverse lookup zone for the associated IP addresses.

**Cleanup everything**