Université EUROMED de Fès
Ecole d'Ingénierie Digitale et d'Intelligence Artificielle
Networking services and protocols

Project 4
Postfix mail server

NB: Include figures from your project demonstrating all the steps

Problem definition:

The electronic mail, e-mail or email, is a service for the transmission of messages sent electronically via a computer network to the electronic mailbox of a recipient chosen by the sender.

Postfix is a popular open-source Mail Transfer Agent (MTA) that can be used to route and deliver email on a Linux system. Several enterprises desire to use their own mail server for different purposes. Whether it is for security purposes or to be able to exchange messages locally, Postfix is always a fitting solution.

Requirements:

- Linux,
- Mysql,
- Postfix,

Part I: Postfix configuration

1. Add a mail server to your DNS.
2. Install the Postfix server.
3. Check the repository /etc/postfix and identify the configuration files.
    a. Explain the role of the main.cf configuration file.
    b. Explain the role of the master.cf configuration file.
4. Install the courier-pop and courier-imap.
5. Create a database (in mysql database) which will correspond and interact with Postfix.
6. Create a user who will be associated with this database.
7. Test configuration with a mail client (telnet, thunderbird, …).