



**L-Università ta' Malta**  
**Faculty of Information &  
Communication Technology**

## Project Report

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# 1 Question 1

## 1.1 High level method overview

A Unix domain socket server and client were created in python. TLS wrappers from the SSL library were used to enable communications over a secure channel. Socket creation and wrapping is shown in listing 1

The server has two functions to handle the two types of applications, these being *handle\_application()* and *handle\_client()*

Listing 1: Socket creation and TLS wrapping

```
client = create_connection((ip, port))
tls = context.wrap_socket(client, server_hostname=
    hostname)
```

## 2 Question 2

## 3 Question 3

## 4 Question 4

## References