

## 實驗一

### 1. Layer2 Communication

- 目錄: 實驗一/Layer2 Communication/1NIC/

#### - 1.1.1 client

- 目錄: client/layer\_tcp/

- 執行環境: Linux

- 指令步驟:

1) make (編譯出執行檔receiver)

2) ./receiver <sender\_hw\_addr> <sender\_ip> <run\_times>

(p.s.<sender\_hw\_addr>: 對方的MAC Address; <sender\_ip>: 對方的IP; <run\_times>: 送的封包數)

#### - 1.1.2 server

- 目錄: server/layer\_tcp/

- 執行環境: Linux

- 指令步驟:

1) make (編譯出執行檔sender)

2) ./sender <run\_times>

(p.s.<run\_times>: 送的封包數)

### 2. TCP

- 目錄: 實驗一/TCP/

#### - 2.1.1 client

- 目錄: client/memcpy/test\_tcp

- 執行環境: Linux

- 指令步驟:

1) make (編譯出執行檔client)

2) ./client <server\_ip>

#### - 2.1.2 server

- 目錄: server/memcpy/test\_tcp

- 執行環境: Linux

- 指令步驟:

1) make (編譯出執行檔server)

2) ./server <num\_packets>