

Local Host:

Server:

```
Windows PowerShell      x + | 
PS C:\Users\hungn\OneDrive\Desktop\Codes\CS3800\Hung_Nguyen_cs3800_proj\files> python server.py 5540
Data received:
SETUP movie.Mjpeg
1
RTSP/1.0 RTP/UDP 5541
processing SETUP

Data received:
PLAY
2
processing PLAY

Data received:
PAUSE
3
processing PAUSE

Data received:
TEARDOWN
4
processing TEARDOWN

|
```

Client:

```
Windows PowerShell      x + | 
PS C:\Users\hungn\OneDrive\Desktop\Codes\CS3800\Hung_Nguyen_cs3800_proj\files> python clientLauncher.py localhost 5540 5541 movie.Mjpeg
Data sent:
SETUP movie.Mjpeg
1
RTSP/1.0 RTP/UDP 5541
Updating RTSP state...
Setting Up RtpPort for Video Stream
Bind RtpPort Success
PLAY request sent to Server...

Data sent:
PLAY
2

Client is PLAYING...
Current Seq Num: 1
Current Seq Num: 2
Current Seq Num: 3
Current Seq Num: 4
Current Seq Num: 5
Current Seq Num: 6
Current Seq Num: 7
Current Seq Num: 8
Current Seq Num: 9
Current Seq Num: 10
Current Seq Num: 11
Current Seq Num: 12
Current Seq Num: 13
Current Seq Num: 14
Current Seq Num: 15
Current Seq Num: 16
Current Seq Num: 17
Current Seq Num: 18
Current Seq Num: 19
Current Seq Num: 20
```

```
PAUSE request sent to Server...

Data sent:
PAUSE
3

TEARDOWN request sent to Server...

Data sent:
TEARDOWN
4
```

Local Host and Virtual Machines:

Server:

Ip: 192.168.1.137

```
Windows PowerShell x + v
PS C:\Users\hungn\OneDrive\Desktop\Codes\CS3800\Hung_Nguyen_cs3800_proj\files> python server.py 5540
Data received:
SETUP movie.Mjpeg
1
RTSP/1.0 RTP/UDP 5505
processing SETUP

Data received:
PLAY
2
processing PLAY

Data received:
PAUSE
3
processing PAUSE

Data received:
TEARDOWN
4
processing TEARDOWN
```

Client:

```
File Actions Edit View Help
[cs3800@kali:~/Desktop/files]
$ python ClientLauncher.py 192.168.1.137 5540 5541 movie.Mjpeg

Data sent:
SETUP movie.Mjpeg
1
RTSP/1.0 RTP/UDP 5541
Updating RTSP state...
Setting Up RtpPort for Video Stream

PLAY request sent to Server ...

Data sent:
PLAY
2
Client is PLAYING ...

PAUSE request sent to Server ...

Data sent:
PAUSE
3

TEARDOWN request sent to Server ...

Data sent:
TEARDOWN
4
```

two Virtual Machines:

Host:

IP: 192.168.136.128

```
File Actions Edit View Help
cs3800@kali: ~/Desktop/files
$ python Server.py 5540
Data received:
SETUP movie.Mjpeg
1
RTSP/1.0 RTP/UDP 5505
processing SETUP

Data received:
PLAY
2
processing PLAY

Data received:
PAUSE
3
processing PAUSE

Data received:
TEARDOWN
4
processing TEARDOWN
```

Server:

```
File Actions Edit View Help
cs3800@kali: ~/Desktop/files
$ python ClientLauncher.py 192.168.136.128 5540 5505 movie.Mjpeg
Data sent:
SETUP movie.Mjpeg
1
RTSP/1.0 RTP/UDP 5505
Updating RTSP state...
Setting Up RtpPort for Video Stream
PLAY request sent to Server ...

Data sent:
PLAY
2
Client is PLAYING ...

PAUSE request sent to Server ...

Data sent:
PAUSE
3
TEARDOWN request sent to Server ...

Data sent:
TEARDOWN
4
```

two physical machines:

Host:

IP: 132.168.1.137

```
Windows PowerShell

PS C:\Users\hungn\OneDrive\Desktop\Codes\CS3800\Hung_Nguyen_cs3800_proj\files> python server.py 5540
Data received:
SETUP movie.Mjpeg
1
RTSP/1.0 RTP/UDP 5505
processing SETUP

Data received:
PLAY
2
processing PLAY

Data received:
PAUSE
3
processing PAUSE

Data received:
TEARDOWN
4
processing TEARDOWN
```

Client:

```
Windows PowerShell

PS C:\Users\Hung Nguyen\Downloads\files> py clientLauncher.py 192.168.1.137 5540 5505 movie.Mjpeg

Data sent:
SETUP movie.Mjpeg
1
RTSP/1.0 RTP/UDP 5505
Updating RTSP state...
Setting Up RtpPort for Video Stream

PLAY request sent to Server...

Data sent:
PLAY
2

Client is PLAYING...

PAUSE request sent to Server...

Data sent:
PAUSE
3

TEARDOWN request sent to Server...

Data sent:
TEARDOWN
4
```