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ID: 20301268 Section: 04

#### Packet Size: 128 bytes

### Packet Size: 256 bytes

### Packet Size: 512 bytes

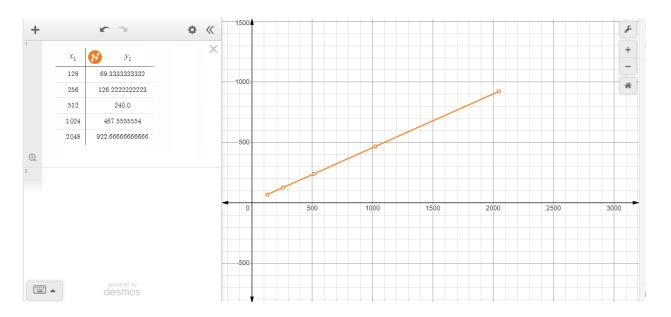
```
g-32l@g32l-HP-280-Pro-G8-Microtower-PC:-/Downloads/ns-allinone-3.40(3)/ns-allinone-3.40/ns-3.40$ python3 examples/tutorial/first.py
AninationInterface WARNING:Node:0 Does not have a mobility model. Use SetConstantPosition if it is stationary
AninationInterface WARNING:Node:0 Does not have a mobility model. Use SetConstantPosition if it is stationary
AninationInterface WARNING:Node:1 Does not have a mobility model. Use SetConstantPosition if it is stationary
AninationInterface WARNING:Node:1 Does not have a mobility model. Use SetConstantPosition if it is stationary
Antime+2s client sent 512 bytes to 10.1.1.2 port 9
At time +2.80287s server received 512 bytes from 10.1.1.1 port 49153
At time +2.80287s server sent 512 bytes to 18.1.1.1 port 49153
At time +2.80287s server sent 512 bytes to 18.1.1.1 port 49153
At time +2.80287s server sent 512 bytes to 18.1.1.1 port 49153
At time +2.80287s server sent 512 bytes to 18.1.1.1 port 49153
At time +2.80287s server sent 512 bytes from 10.1.1.2 port 9
FlowID: 1 (UDP 10.1.1.1/49153 --> 10.1.1.2/9)
TX Bytes: 540
TX Packets: 1
Lost Packets: 0
Rean Delay: 0.8028672
Throughput: 248.0

TR Packets: 1
Lost Packets: 1
RX Packets: 1
Lost Packets: 0
Mean Delay: 0.8028672
Throughput: 248.0
```

### Packet Size:1024 bytes

## Packet Size: 2048 bytes

# Throughput vs Data Size graph



On the y-axis, we plot the throughput, while the x-axis represents different data sizes. The data sizes used are 128, 256, 512, 1024, and 2048 bytes. Throughput, which indicates the amount of data transmitted over a network within a specific time frame, is shown to increase linearly with the size of the data packet in this graph.