**Programming Assignment 3: SDN and Ryu**

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Learning Switch:

1. Ping between h1 and h5:

mininet> h1 ping -c 3 h5

PING 10.0.0.5 (10.0.0.5) 56(84) bytes of data.

64 bytes from 10.0.0.5: icmp\_seq=1 ttl=64 time=6.22 ms

64 bytes from 10.0.0.5: icmp\_seq=2 ttl=64 time=0.589 ms

64 bytes from 10.0.0.5: icmp\_seq=3 ttl=64 time=0.089 ms

--- 10.0.0.5 ping statistics ---

3 packets transmitted, 3 received, 0% packet loss, time 2004ms

rtt min/avg/max/mdev = 0.089/2.300/6.224/2.781 ms

--- 10.0.0.5 ping statistics ---

1 packets transmitted, 1 received, 0% packet loss, time 0ms

rtt min/avg/max/mdev = **6.490**/6.490/6.490/0.000 ms

1. Ping between h2 and h4:

mininet> h2 ping -c 1 h4

PING 10.0.0.4 (10.0.0.4) 56(84) bytes of data.

64 bytes from 10.0.0.4: icmp\_seq=1 ttl=64 **time=2.27 ms**

--- 10.0.0.4 ping statistics ---

1 packets transmitted, 1 received, 0% packet loss, time 0ms

rtt min/avg/max/mdev = **2.265**/2.265/2.265/0.000 ms

1. Ping between h1 and h3:

mininet> h1 ping -c 1 h3

PING 10.0.0.3 (10.0.0.3) 56(84) bytes of data.

64 bytes from 10.0.0.3: icmp\_seq=1 ttl=64 **time=1.67 ms**

--- 10.0.0.3 ping statistics ---

1 packets transmitted, 1 received, 0% packet loss, time 0ms

rtt min/avg/max/mdev = **1.670**/1.670/1.670/0.000 ms