

Operation	Time (ms)
Create a node (host/switch/controller)	10
Run command on a host ('echo hello')	0.3
Add link between two nodes	260
Delete link between two nodes	416
Start user space switch (OpenFlow reference)	29
Stop user space switch (OpenFlow reference)	290
Start kernel switch (Open vSwitch)	332
Stop kernel switch (Open vSwitch)	540

Table 3: Time for basic Mininet operations. Mininet’s startup and shutdown performance is dominated by management of virtual Ethernet interfaces in the Linux (2.6.33.1) kernel and `ip link` utility and Open vSwitch startup/shutdown time.