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Experimental Cluster Edition

```

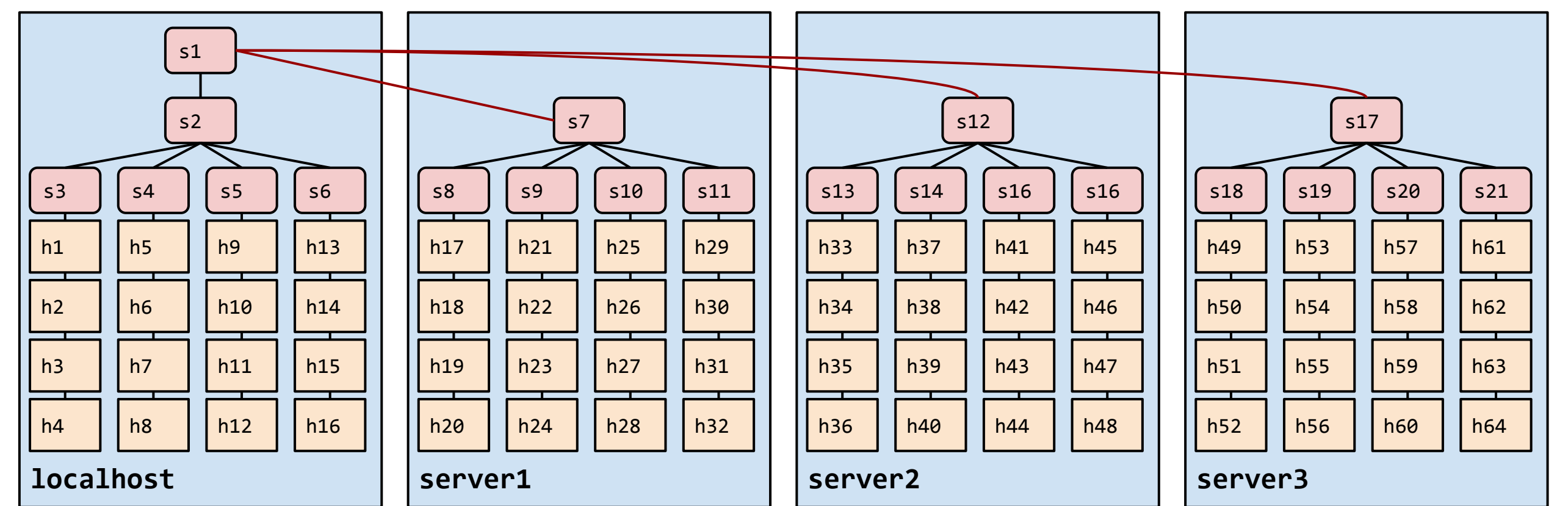
topo = Tree(depth=2, fanout=4)
servers = ['localhost', 'server2',
           'server3', 'server4']
net = MininetCluster(topo=topo,
                    servers=servers)

net.start()
net.pingAll()
net.stop()
    
```

...or a simple command line option:

```
# mn --topo tree,depth=2,fanout=4 --cluster localhost,serve
```

Mininet Cluster



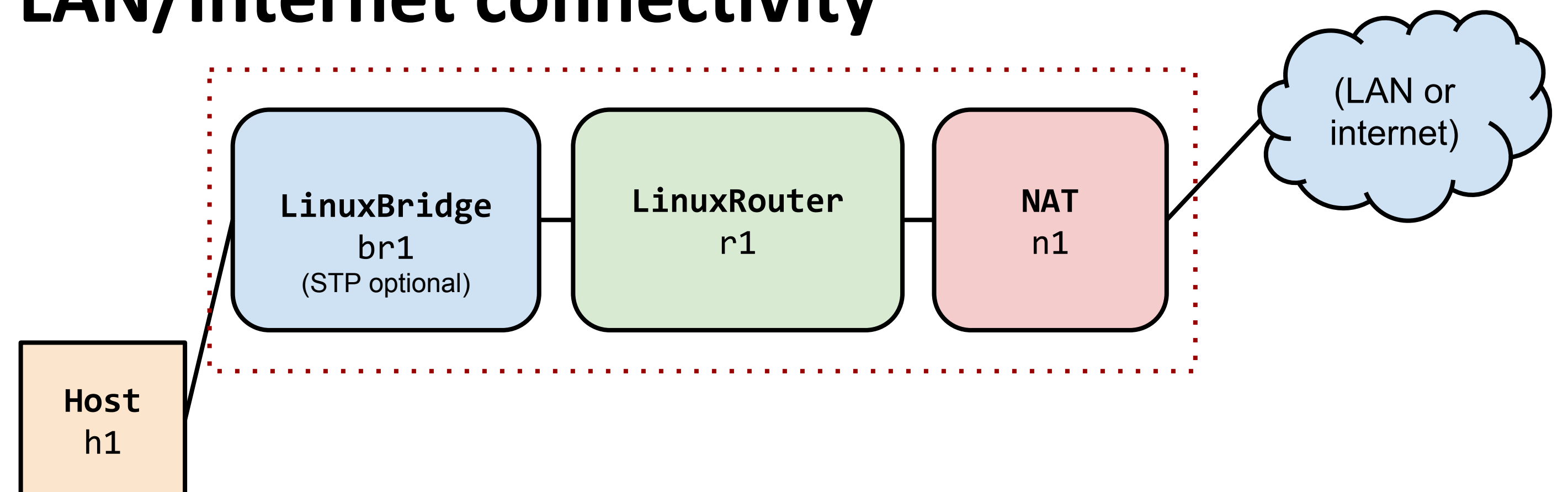
s1 switches h2 hosts server1 Mininet servers

- cross-server tunnels - virtual Ethernet links

OpenFlow 1.3 Support

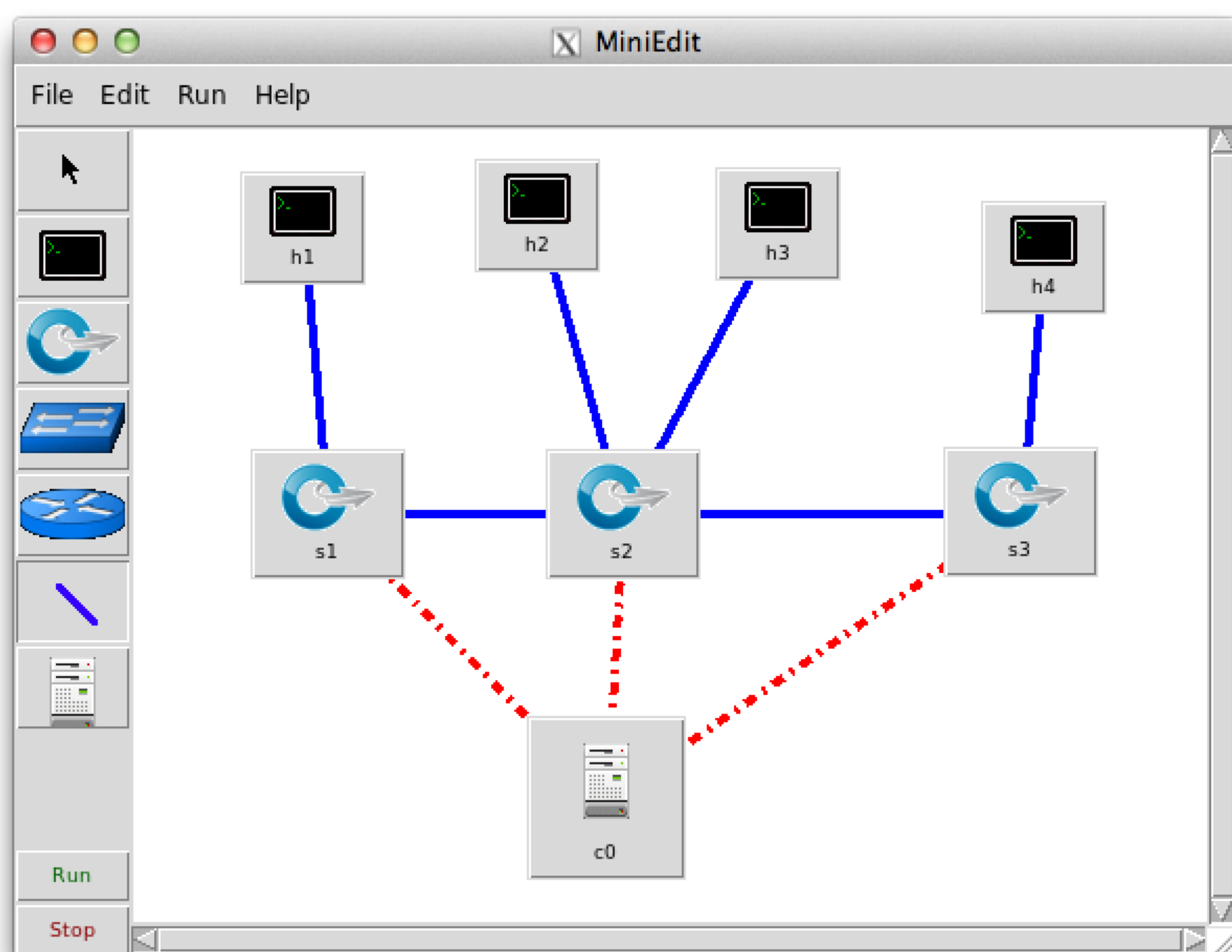
- `mn --switch ovs, protocols=openflow13`
- `install.sh -w` installs 1.3-compatible Wireshark dissector using Loxigen
- `install.sh -y` installs Ryu 1.3-compatible controller

Bridge, Router, NAT nodes + LAN/Internet connectivity



easy connectivity using `mn --nat`

Improved MiniEdit GUI



Improved Build Infrastructure

- `build.py` script automates VM creation for Mininet, tutorials, ONOS, etc.
- Jenkins Job Builder
 - Gerrit for Job Specs/Templates
 - backed up
 - review + submit updates Jenkins
 - reliable changes to multiple jobs
- Hardware build server (faster)
 - we run **all** tests on all platforms nightly, including examples and walkthrough