Mininet

> ✓ Welcome to the Mininet Community wiki space maintained by ONF. If you're looking for more community information about Mininet, including how to get started with Mininet or how to contribute, go to http://mininet.org.

Introduction

Mininet provides a virtual test bed and development environment for software-defined networks (SDN). Mininet enables SDN development on any laptop or PC, and SDN designs can move seamlessly between Mininet (allowing inexpensive and streamlined development), and the real hardware running at line rate in live deployments. Mininet enables

- Rapid prototyping of software-defined networks
- Complex topology testing without the need to wire up a physical network
- Multiple concurrent developers to work independently on the same topology

Mininet networks run *real code* including standard Unix/Linux network applications as well as the real Linux kernel and network stack.

Mininet provides an extensible Python API for network creation and experimentations. It is released under a permissive BSD Open Source license and is actively developed and supported by community of networking and SDN enthusiasts.

Key Communication Channels

Mailing List: https://mailman.stanford.edu/mailman/listinfo/mininet-discuss

Bug Reports & Feature Requests: http://mininet.org/support

Documentation: http://docs.mininet.org

Participate

Mininet is an open source project created and maintained for and by a community of networking and SDN enthusiasts. You are encouraged to join the discussion and also to contribute to the Mininet project in whatever way works best for you. You can find more information about joining the Mininet project here: http://mininet.org/contribute/

All code for the Mininet project can be found on Github.

We expect all ONF employees, member companies, and participants to abide by our Code of Conduct. If you have any questions or concerns, please notify a member of the ONF team or email conduct@opennetworking.org.

> ⓘ Having trouble getting started? First, reach out to the mailing list or Slack team. If you still have questions or concerns, please email help@opennetworking.org.