

Stratum

Introduction

Stratum is an open source silicon-independent switch operating system for software defined networks. It supports a number of white box switches and exposes a set of next-generation SDN interfaces, including P4Runtime and OpenConfig/gNMI.

Stratum avoids the vendor lock-in of today's data planes (i.e. proprietary silicon interfaces and closed software APIs) and enables easy integration of devices into operator networks. It delivers a complete white box switch solution to realize the 'software defined' promise of SDN.

Stratum is now fully open source and available under the Apache 2.0 open source license. The source code can be viewed here: <https://github.com/stratum/stratum>

To contribute to Stratum, both individuals and companies are required to submit a [Contributor License Agreement \(CLA\)](#).

If you are new to Stratum, we have curated [several talks](#) that will help you get started. There are also a number of [tutorials](#) available.

Communication Channels

Weekly Meetings:

Join a TST call or come to a meet up.

Stratum Project Calendar :

- Web view: https://calendar.google.com/calendar/embed?src=opennetworking.org_vv3lft89e794b4jlmr3j9p1pes%40group.calendar.google.com&ctz=America%2FLos_Angeles
- ICS Format (to add the calendar to Outlook, iCal, Google Calendar, etc.): https://calendar.google.com/calendar/ical/opennetworking.org_vv3lft89e794b4jlmr3j9p1pes%40group.calendar.google.com/public/basic.ics

Mailing Lists:

Step 1: Fill in the form: <https://lists.stratumproject.org/listinfo/stratum-announce>

Step 2: Click the link in the confirmation email

For the developer mailing list, you can use the same procedure:

<https://lists.stratumproject.org/listinfo/stratum-dev>

Slack Workspace:

Once you've joined the project, you can join our [Slack team](#).

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.