

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.

Read more at [Stratum webpage](#).

Stratum is 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. And a [Stratum page](#) on ONF website.

Stratum is part of ONF's [Continuous Certification Program](#).

For *Stratum CMCC G-SRv6 Project* please refer [here](#).

Key People & Communication Channels

Technical Steering Team (TST)

The Technical Steering Team is the group of people responsible for the technical direction of the project. As of April 2022, the Stratum TST consists of the following members:

- Brian O'Connor (brian.oconnor@intel.com)
- Alireza Ghaffarkhah
- Max Pudelko (max@opennetworking.org)
- Craig Stevens (craig.stevens@dell.com)
- Yi Tseng (yi.tseng@intel.com)

Weekly Meetings:

Join a TST (Technical Steering Team) call or come to a meet up.

Stratum Project Calendar :

- Web view: https://calendar.google.com/calendar/embed?src=opennetworking.org_vv3ft89e794b4jlmr3j9p1pes%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_vv3ft89e794b4jlmr3j9p1pes%40group.calendar.google.com/public/basic.ics

Mailing Lists and Slack Channel:

- Developer mailing list: <https://groups.google.com/a/opennetworking.org/g/stratum-dev>
- Announcements mailing list: <https://groups.google.com/a/opennetworking.org/g/stratum-announce>
- Old Mailman list archives: <https://lists.stratumproject.org/>
- Old mailing lists:
 - Developer mailing list: <https://lists.stratumproject.org/listinfo/stratum-dev> (fill in the form and click the link in the confirmation email)
 - Announcements mailing list: <https://lists.stratumproject.org/listinfo/stratum-announce> (fill in the form and click the link in the confirmation email)
- Slack channel: #stratum-dev <https://onf-community.slack.com/archives/C01E4H94QHX> (to join ONF Community Slack workspace, click [here](#))
- TST email: stratum-tst@opennetworking.org (NOTE: technical questions should be asked on the developer mailing list first, as the community can assist with answering and others can also benefit from your question. The TST email is for escalated inquiries / governance questions)

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.

