

# 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 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. 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](#).

## Communication Channels

### 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](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](https://calendar.google.com/calendar/ical/opennetworking.org_vv3ft89e794b4jlmr3j9p1pes%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:

- Developer mailing list: <https://lists.stratumproject.org/listinfo/stratum-dev>
- Announcements mailing list: <https://lists.stratumproject.org/listinfo/stratum-announce>
- Slack channel: #stratum-dev <https://onf-community.slack.com/archives/C01E4H94QHX>

You can join our [Slack channel](#) (#stratum-dev) by following the instructions here.

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](mailto: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](mailto:help@opennetworking.org).