SEBA

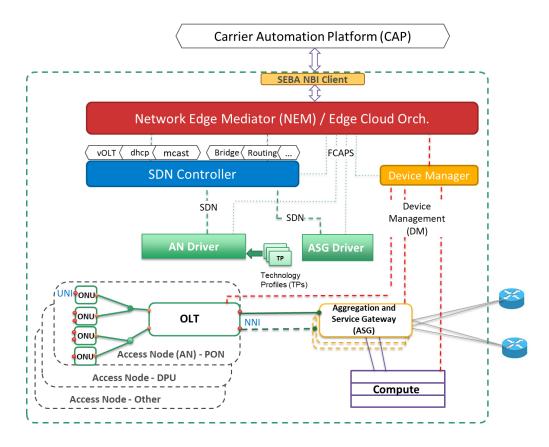## Introduction

SDN-Enabled Broadband Access (SEBA) is an Exemplar Platform being built by the ONF and CORD community. SEBA is a lightweight platform based on a variant of R-CORD. It supports a multitude of virtualized access technologies at the edge of the carrier network, including PON, G.Fast, and eventually DOCSIS and more. SEBA supports both residential access and wireless backhaul and is optimized such that traffic can run 'fastpath' straight through to the backbone without requiring VNF processing on a server. It's built with Kubernetes, high speed, and operationalized with FCAPS and OSS Integration.

A high level overview of the SEBA platform can be found here and you can find the Design Documents on Google Drive.

For more information on the component projects included in this platform, see the wiki pages for NEM (Network Edge Mediator) and VOLTHA (Virtual OLT Hardware Abstraction).

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 SEBA TST consists of the following members:

- David Bainbridge (dbainbri@ciena.com)
- Andrea Campanella (andrea.campanella@intel.com)
- Amit Ghosh (aghosh@radisys.com)
- Mahir Gunyel (mahir.gunyel@netsia.com)
- Khen Nursimulu (knursimu@ciena.com)

Communication Channels

- Developer Mailing List
- Slack chat - #seba channel (Register here)
- Meetings (note that **all meetings are public and recorded**)
  - See the CORD calendar for more information on all calls
  - Past SEBA Meetings - Agenda Document
  - Meeting Video recordings (YouTube)

Documentation

Documentation for SEBA can be found at guide.opencord.org.

Participate

Interested in participating in SEBA development? Some of the tools we use require you to register for the overarching CORD project, so we suggest you register first and then dig into the rest of the information below. Here are the key tools we use:

We use JIRA to track our progress on tickets. Register for an account to view, comment on, and create issues.

Code repositories: Gerrit (shared with CORD). *This repo uses Apache License v 2.0.*

To get up and running, check out the Operations and Development Documentation.

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.