ONF Project Charter

This Project Group Charter establishes the scope, intellectual property and copyright terms used to develop the materials identified in this Project Group. Only Participants that execute this Working Group Charter will be bound by its terms and be permitted to participate in this Project Group, and shall be considered "Contributors" in the Project Group.

Project Group Name

Open and Disaggregated Transport Networks (ODTN)

Purpose

Rally industry players, composed of service providers, hardware vendors, and system integrators, to

1. Build a reference implementation using (a) open source software, (b) open and common data models, and (c) disaggregated hardware devices.
2. Perform lab and field trials using the reference implementation.
3. Identify supply chain gaps and propose solutions.

Project Group Scope

1. Disaggregated DWDM systems, including but not limited to transponders and Open Line Systems, amplifiers, multiplexers, all-optical switches and ROADMs
2. Open source network operating system for control and configuration of the DWDM system
3. Open and common data models, APIs and protocols

Project Group Deliverables

1. Point to point solution (Q3 2018)
2. Meshed ROADM solution (Q2 2019)

Each delivered solution will consist of the following elements:

1. Reference implementation composed of complete open source software stack, set of applications, and device drivers
2. Integration report detailing measured, expected and potential gaps for performance levels and feature sets. Of particular interest are limitations brought about by multi-vendor environment.

3. Detailed plan for operator-led deployment (lab or field trial), including system design, gap analysis, vendor selection, and resource commitments.

Final Deliverable Copyright Licensing

Each project group contributor agrees to sign the Contributor License Agreement, which implies all software contributions will be release with the Apache License, Version 2.0 - https://www.apache.org/licenses/LICENSE-2.0

Project Steering Team

1. Dai Kashiwa, NTT Communications
2. Robert Howald, Comcast
3. Oscar Gonzalez de Dios, Telefonica
4. Marc De Leenheer, ONF
5. Nominate 1 person from Tier 1 vendors, to rotate every quarter by alphabetical order.

Participation Criteria

Minimal participation criteria assume Tier 1 vendor partners will:

- Attend group meetings, including weekly conference calls and optionally in-person workshops.
- [OPTIONAL] Contribute hardware equipment for development, testing and trials. Permissible hardware devices have completed integration testing and proven control plane interoperability with the rest of the software stack.
- Dedicate at a minimum TWO full time equivalents (FTE) for software engineering and development tasks, contributing to the network OS and its applications.
- Provide support for deployments where the vendor's equipment is involved, including lab and field trials.

Minimal participation criteria assume Tier 2 vendor partners will:

- Attend group meetings, including weekly conference calls and optionally in-person workshops.
- Contribute hardware equipment for development, testing and trials. Permissible hardware devices have completed integration testing and proven control plane interoperability with the rest of the software stack.
- Provide support for deployments where the vendor's equipment is involved, including lab and field trials.

Minimal participation criteria assume service provider partners will:

- Attend group meetings, including weekly conference calls and optionally in-person workshops.
- Plan and drive deployments in the form of lab and/or field trials.
- Dedicate at a minimum ONE full time equivalent (FTE) for (a) definition of use case and requirements, (b) design of system and architecture, (c) specification of operational constraints, and (d) integration in existing network infrastructure.
- [OPTIONAL] Dedicate software engineering and development resources, contributing to the network OS and its applications.

All lab and field trials will have clearly defined criteria for success.

ONF Membership

Participants to the ODTN project are not required to be or become ONF members. As an ONF project, ONF Membership guidelines will apply to Project participants. Per ONF guidelines, only paying members (Innovator and above) are entitled to co-marketing benefits with ONF projects. More details can be found here: https://www.opennetworking.org/membership-info

	For ONF	For Contributor
Company Name	Open Networking Foundation	
Company Address	1000 El Camino Real Suite 100 Menlo Park, CA 94025 USA	
Company Type		[ ] Service provider [ ] Tier 1 vendor [ ] Tier 2 vendor
Name	Timon Sloane	
Title	VP Marketing & Ecosystem	
Date		
Signature		