OpenFlow™ Conformance Testing Program

The Open Networking Foundation (ONF) OpenFlow™ Conformance Testing Program gives networking vendors an opportunity to demonstrate compliance with the OpenFlow specification. Compliance is certified by independent, ONF-approved testing labs that follow test procedures developed within ONF

Benefits of certification

- Enhanced customer confidence
- Authorized use of ONF OpenFlow Certified logo on certified hardware, software and related documentation
- Included in list of Conformant products and vendors on the ONF website

What types of Certification Programs are available?

- Open Flow Conformance for Full, Layer 2 or Layer 3 profile
- Open Flow 1.3 conformance testing for a "base profile"

Certification process

1. Become an ONF member and join the ONF Testing & Interoperability Working Group.

2. Develop your product and participate in annual plugfests to rapidly advance your development efforts.

3. Contract with an ONF-Approved Testing Lab. Visit the ONF website to find approved labs. All contracts for testing are arranged privately between your company and the lab.

4. Work with Your Lab. Your testing lab will design a custom schedule around your needs and conduct a certified conformance test when your product is ready.

5. Congratulations! Once your product has passed, use the conformance logo on your products. Your products will also be posted on the ONF website. Let your customers know that your products have that extra level of trust.

Conformance Certification with CNLabs

- CNLabs is one of the early SDN Interoperability Test Facility certified by the ONF. We are only international labto be ISO 17025 accredited for OpenFlow test methods
- We are a significant contributor to OpenFlow test specification development
- We have lab facilities in the US and APAC to support global teams
- Annual membership to Open SDN Test Services provides an opportunity for vendors to undertake certification testing with the lab at a discounted price