

SNMP4SDN

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Introduction

SNMP4SDN is a southbound plugin that can control the off-the-shelf commodity Ethernet switches for the purpose of building SDN using Ethernet switches. For Ethernet switches, forwarding table and ACL are where one can install the flow configuration on, and this is done via SNMP and CLI in the proposed plugin. In addition, extensions to the SAL configuration APIs are needed to provide additional API to support some settings, e.g. disabling STP and flooding, etc, which are required for Ethernet switches in SDN.

Proposal

[Project Proposal](#)

Architecture

(These documents needs update, latest content please refer to Developer Guide)

[Architecture and Design](#)

Release plan

[Oxygen Release Plan](#)

[Nitrogen Release Plan](#)

[Carbon Release Plan](#)

[Boron Release Plan](#)

[Beryllium Release Plan](#)

[Lithium Release Plan](#)

[Helium Release Plan](#)

[Hydrogen Release Plan](#)

Test Plan

[Test Plan](#)

[Test Plan \(for Boron\)](#)

Project Facts

Project Creation Date: August 15th, 2013

Lifecycle State: Incubation

Type: Protocol

Primary Contact: Yi-Ling (Christine) Hsieh <ylhsieh@itri.org.tw>

Project Lead: Yi-Ling (Christine) Hsieh <ylhsieh@itri.org.tw>

Committers:

- Yi-Ling (Christine) Hsieh <ylhsieh@itri.org.tw>

Mailing List: snmp4sdn-dev@lists.opendaylight.org
Archives: [mailing list archives](#)

Meetings: See [Community Meetings](#)

Repository: git clone <https://git.opendaylight.org/gerrit/snmp4sdn>

Jenkins: [jenkins silo](#)

Gerrit Patches: [code patches /reviews](#)

Bugs:

- [open bugs](#)

Manuals

Backup:

[Installation Guide](#)

[User Guide](#)

[Developer Guide](#)

For the next sections are the manuals created when OpenDaylight publish a new release, which **would not be updated**.

Documentation for Carbon Release

[Carbon Release Note](#)

[Carbon User Guide](#)

[Carbon Developer Guide](#)

Documentation for Boron Release

[Boron Release Review](#)

[Boron Release Note](#)

[Boron System Test Guide and Report](#)

[Installation Guide \(for Boron\)](#)

[User Guide \(for Boron\)](#)

[Developer Guide \(for Boron\)](#)

Documentation for Beryllium Release

[Beryllium Release Review](#)

[Beryllium Release Note](#)

[Beryllium System Test Guide and Report](#)

[Installation Guide \(for Beryllium \)](#)

[User Guide \(for Beryllium \)](#)

[Developer Guide \(for Beryllium\)](#)

Documentation for Lithium Release

[Lithium Release Review](#)

[Lithium Release Note](#)

[Installation Guide \(for Lithium \)](#)

[User Guide \(for Lithium \)](#)

[Developer Guide \(for Helium\)](#)

Documentation for Helium Release

[Helium Release Review](#)

[Helium Release Note](#)

[Installation Guide \(for Helium\)](#)

[User Guide \(for Helium\)](#)

[Developer Guide \(for Helium\)](#)

Documentation for Hydrogen Release

[Hydrogen Release Review](#)

[Hydrogen Release Note](#)

[Installation Guide \(for Hydrogen\)](#)

[User Guide \(for Hydrogen\)](#)

[Developer Guide \(for Hydrogen\)](#)