

SNMP4SDN: Beryllium: Release Plan

Contents

- [Introduction](#)
- [Release Deliverables](#)
- [Release Milestones](#)
- [Externally Consumable APIs](#)
- [Expected Dependencies on Other Projects](#)
- [Expected Incompatibilities with Other Projects](#)
- [Compatibility with Previous Releases](#)
 - [Removed APIs and/or Functionality](#)
 - [Deprecated APIs and/or Functionality](#)
 - [Changed APIs and/or Functionality](#)
- [Themes and Priorities](#)
- [Requests from Other Projects](#)
- [Test Tools Requirements](#)
- [Other](#)

Introduction

Release Deliverables

Name	Description
Periodically-auto /Manual-trigger topology discovery	SNMP4SDN plugin would periodically auto collecting topology, manually triggering is also allowed.
Topology notification (new/deleted link)	Topology changes notification via MD-SAL API. (A topology manager, which can register to the snmp4sdn plugin's topology discovery API to listen to topology changes as well as handling hybrid links such of OpenFlow-Ethernet links, could be provided in this release or the next release).
Multi-vendor support	SNMP4SDN plugin can handle the diversity of vendor-specific CLI commands which are needed in flow configuration on ACL (The support using proprietary MIB could be in the future release).

Release Milestones

Milestone	Offset 1 Date	Deliverables	
M1	7/30/2015	Name	Description
		Release Plan	Candidate Release Plan
M2	8/27/2015	Name	Description
		Release Plan	Final Release Plan
M3	10/1/2015	Name	Description
		Feature Freeze	
		Periodical/Manual topology discovery	SNMP4SDN plugin would periodically auto collecting topology, manually triggering is also allowed.
M4	10/29/2015	Name	Description
		API Freeze	
		Topology notification (new/deleted link)	Topology changes notification via MD-SAL API.

M5	12/3/2015	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Code Freeze</td><td></td></tr><tr><td>Multi-vendor support</td><td>SNMP4SDN plugin can handle the diversity of vendor-specific CLI commands.</td></tr></table>		Name	Description	Code Freeze		Multi-vendor support	SNMP4SDN plugin can handle the diversity of vendor-specific CLI commands.
Name	Description								
Code Freeze									
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RC0	1/7/2016	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Bug fixes</td><td></td></tr><tr><td>Stability enhancement</td><td>Enhance SNMP4SDN Plugin's stability and robustness</td></tr></table>		Name	Description	Bug fixes		Stability enhancement	Enhance SNMP4SDN Plugin's stability and robustness
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RC1	01/14/2016	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Bug fixes</td><td></td></tr></table>		Name	Description	Bug fixes			
Name	Description								
Bug fixes									
RC2	01/21/2016	<table><tr><th>Name</th><th>Description</th></tr><tr><td></td><td></td></tr><tr><td>Bug fixes</td><td></td></tr></table>		Name	Description			Bug fixes	
Name	Description								
Bug fixes									
RC3	01/28/2016	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Release Review</td><td></td></tr><tr><td>Bug fixes</td><td></td></tr></table>		Name	Description	Release Review		Bug fixes	
Name	Description								
Release Review									
Bug fixes									
Formal Release	02/04/2016	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Formal Release</td><td></td></tr></table>		Name	Description	Formal Release			
Name	Description								
Formal Release									

Externally Consumable APIs

- md-model

Expected Dependencies on Other Projects

controller, odlparent, yantools (SNMP4SDN needs no changes from these projects)

Expected Incompatibilities with Other Projects

No incompatibilities with other projects

Compatibility with Previous Releases

Removed APIs and/or Functionality

No APIs or functionality will be removed.

Deprecated APIs and/or Functionality

No deprecated APIs or functionality.

Changed APIs and/or Functionality

No changed APIs or functionality.

Themes and Priorities

Requests from Other Projects

No requests from other projects

Test Tools Requirements

No test tools requirements

Other