SXP: Lithium: Release Plan

Contents

Introduction

THIS WIKI PAGE STATES SXP FINAL RELEASE PLAN FOR PUBLIC COMMENT. PLEASE, CONTACT PROJECT LEAD FOR FURTHER INFORMATION.

Release Deliverables

Name	Description
sxp-api	Model-dependent API. SXP protocol is modeled by YANG (RFC 6020)
sxp-core	Implementation of the SXP protocol, versions 1, 2, 3 and 4 with bidirectional connection support
sxp-controller	SXP plugin enhancing ODL platform with IP-SGT bindings that can be learned from connected SXP-aware network nodes

Release Milestones

Milestone	Offset 1 Date	Deliverables
M1	12/18 /2014	**Name** / **Status** / **Description** Intent to participate — Done — Intent to participate in Lithium Simultaneous Release Project Lead elected — Done — SXP Project Lead election Test Contact specified — Done — SXP Project Test Contact announce Candidate Release Plan — Done — Candidate Release Plan
M2	1/29/2015	**Name** / **Status** / **Description** Release Plan — Done — Final Release Plan Project Checklist — Done — Project Checklist completed OpenDaylight CI — Done — OpenDaylight CI infrastructure usage for system test
M3	3/05/2015	**Name** / **Status** / **Description** Functionality Freeze — Done — Final list of externally consumable APIs defined and documented Karaf Features defined — Done — Karaf Features defined Documentation Started — Done — Identified the kinds of documentation to be provided, created AsciiDoc files for them with outlines, and committed those files in an appropriate location Integration & System Test — Done — Simple system test on a karaf distribution with the project's recommended features installed

M4	4/02/2015				

Name	Status	Description	
SXP Topology		Protocol dynamic topology generation from received data	
API Freeze	**Done**	Final defined API	
Documentation	**Done**	Documentation draft proposal	
Maven Central Requirements	**NO**		Accomplished/Not Accomplished
Integration & System Test	**Done**	Participating projects must run a simple system test on a karaf distribution with the project's recommended features installed on Code Merge	

M5	4/30/2015

Name	Status	Description
Code Freeze	**Done**	
Stability branch	**Done**	Stability branch stable/lithium, must be cut and local project versions bumped on master to avoid overwriting lithium SNAPSHOTS
String Freeze		All externally visible strings frozen to allow for translation & documentation
Documentation Complete		Only editing and and enhancing should take place after this point
Integration & System Test	**Done**	The system test for each user-facing feature must be complete and should run on Code Merge

RC0	5/28/2015

Name	Status
Bug fixes	**Done**
Release Candidate 0	**Done**

RC1	6/04/2015

Name	Status
Bug fixes	**Done**
Release Candidate 1	**Done**

RC2	6/11/2015

Name	Status
Bug fixes	**Done**
Release Candidate 2	**Done**

RC3	N/A

Name	Status	Description
Release Review	N/A	Participating Projects must hold their Release Reviews, including User Facing Documentation
Release Candidate 3	N/A	

Formal Lithium Release	6/25/2015

Name	Status	Description
Formal Lithium Release | |		
Release Patch		Release patch to the stable/lithium branch and bump versions

SR1	N/A

Name	Status	Description
First Service Release for Lithium		
Release Patch		Release patch to the stable/lithium branch and bump versions

SR2	N/A

Name	Status	Description
Second Service Release for Lithium		
Release Patch		Release patch to the stable/lithium branch and bump versions

Externally Consumable APIs

SXP controller and local IP-SGT bindings configuration

- sxp-api

- sxp-controller

Expected Dependencies on Other Projects

Depends On	Dependency Description	Needed By	Is in Other Project Release Plan
TCPMD5	Optionally provide MD5 protected SXP connection session setup	From M2 to the end of Lithium release	https://wiki.opendaylight.org/view/TCPMD5: Lithium_Release_Plan

Expected Incompatibilities with Other Projects

None listed

Compatibility with Previous Releases

None listed

Themes and Priorities

Requests from Other Projects

None listed

Test Tools Requirements

- Java unit and integration tests
- Jenkins CI

Other