

DIDM: Beryllium: Release Plan

Contents

- [Introduction](#)
- [Release Deliverables](#)
- [Release Milestones](#)
- [Externally Consumable APIs](#)
- [Expected Dependencies on Other Projects](#)
- [Compatibility with Previous Releases](#)
- [Themes and Priorities](#)
- [Requests from Other Projects](#)
- [Test Tool Requirements](#)

Introduction

Release Deliverables

Name	Description
FlowMod driver	FlowMod driver for HP 3800
Data Models & APIs	Data Models and APIs for common features such as flow mod adjustment
FRM integration	Component integrated with FRM to push flows
Application Interface	Interface for applications to register flowMods
Documentation	Documentation and sample Drives

Release Milestones

Milestone	Offset 2 Date	Deliverables		
M1	8/7/2015	Name	Status	Description
		Intent to participate	Done	Intent to participate in Beryllium Simultaneous Release
		Project Lead elected	Done	DIDM Project Lead election
		Test Contact specified	Done	DIDM Test Contact announce
		Candidate Release Plan	Done	Candidate Release Plan
M2	9/3/2015	Name	Status	Description
		Release Plan	Done	Final Release Plan
		Project Checklist	Done	Project Checklist completed
		Project setup	Done	Project setup in Git and Jenkins

M3	10/15/2015	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Functionality Freeze</td><td>Done</td><td>Final list of externally consumable APIs defined and documented</td></tr><tr><td>FlowMod driver defined</td><td>Done</td><td>Define modules to validate and adjust flow for HP 3800</td></tr><tr><td>Collect Table features from inventory node</td><td>Done</td><td>Read table features from data store</td></tr><tr><td>FRM integration</td><td>Done</td><td>Define methods or wrappers to invoke FRM APIs to push flows</td></tr><tr><td>Documentation Started</td><td>Done</td><td>Identified the kinds of documentation to be provided, created AsciiDoc files for them with outlines, and committed those files in an appropriate location</td></tr><tr><td>Integration & System Test</td><td>Done</td><td>Simple system test on a karaf distribution with the project's recommended features installed</td></tr></table>	Name	Status	Description	Functionality Freeze	Done	Final list of externally consumable APIs defined and documented	FlowMod driver defined	Done	Define modules to validate and adjust flow for HP 3800	Collect Table features from inventory node	Done	Read table features from data store	FRM integration	Done	Define methods or wrappers to invoke FRM APIs to push flows	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
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M5	1/14/2016	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Karaf integration</td><td>Done</td><td>DIDM as single karaf feature install for all features of DIDM</td></tr><tr><td>Code Freeze</td><td>Done</td><td>Code complete, only bug fixes going forward</td></tr><tr><td>All software complete</td><td>Done</td><td>Identification component and Drivers complete</td></tr><tr><td>First Draft of Documentation</td><td>Done</td><td>First draft of documentation set complete and reviewed by all committers</td></tr><tr><td>Unit tests complete</td><td>Done</td><td>All unit test complete and code coverage goals met</td></tr><tr><td>Integration and System Tests complete</td><td>Done</td><td>All integration and System tests complete and participating in continuous integration tests</td></tr></table>	Name	Status	Description	Karaf integration	Done	DIDM as single karaf feature install for all features of DIDM	Code Freeze	Done	Code complete, only bug fixes going forward	All software complete	Done	Identification component and Drivers complete	First Draft of Documentation	Done	First draft of documentation set complete and reviewed by all committers	Unit tests complete	Done	All unit test complete and code coverage goals met	Integration and System Tests complete	Done	All integration and System tests complete and participating in continuous integration tests
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RC0	1/21/2016	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Documentation complete</td><td>Documentation complete and reviewed</td></tr><tr><td>All critical defects resolved</td><td>All "show-stopper" defects resolved, all other defects agreed to as not critical</td></tr></table>	Name	Description	Documentation complete	Documentation complete and reviewed	All critical defects resolved	All "show-stopper" defects resolved, all other defects agreed to as not critical															
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Formal Release	2/18/2016	Name	Description
		Formal Beryllium Release	
		DIDM Release	HP 3800 FlowMod driver, Data Models and APIs defined, and documentation and sample drivers

Externally Consumable APIs

- To be defined by M3

API	API Status	Short description
AdjustFlow	Available	Defines an RPC that can be used to validate and adjust Flow Mods. This defines the API only. Driver can be developed that implement this API for specific device types.

Expected Dependencies on Other Projects

- SNMP Plugin - SNMP Set Request to fetch MIB objects
- AAA - Credential Manager
- OF plugin - Table features, FRM API to push flows

Compatibility with Previous Releases

N/A

Themes and Priorities

- Support Device specific functionality
- Common model augmentations
- Single Identification component using Openflow description information and SNMP SysObjectId
- Several Device Drivers to be defined
- Documentation and sample driver

Requests from Other Projects

For each API / feature request, the requesting project MUST:

- open Enhancement bug in Bugzilla describing request with Issue Type: Improvement, Change Request or New Feature
- create an entry as described in [Release Plan - Request template](#), which will also contain number / link to the bug. After creating the entry, the requesting project MUST:

send an e-mail to release@lists.opendaylight.org (mandated by Simultaneous Release) and both projects' dev lists using this template (mandated by Simultaneous Release)

Requesting Project	API Name	Needed By	Acknowledged?	Description

Test Tool Requirements

- Testing is done in form of Java unit tests and integration tests, no requirements on infrastructure except Maven. Reporting is provided by Jenkins.