

# DIDM: Beryllium: Release Plan

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## 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	<b>Name</b>	<b>Status</b>	<b>Description</b>
		Intent to participate	<b>Done</b>	Intent to participate in Beryllium Simultaneous Release
		Project Lead elected	<b>Done</b>	DIDM Project Lead election
		Test Contact specified	<b>Done</b>	DIDM Test Contact announce
		Candidate Release Plan	<b>Done</b>	Candidate Release Plan
M2	9/3/2015	<b>Name</b>	<b>Status</b>	<b>Description</b>
		Release Plan	<b>Done</b>	Final Release Plan
		Project Checklist	<b>Done</b>	Project Checklist completed
		Project setup	<b>Done</b>	Project setup in Git and Jenkins

M3	10/15/2015	<table border="1"> <thead> <tr> <th>Name</th> <th>Status</th> <th>Description</th> </tr> </thead> <tbody> <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 &amp; System Test</td> <td>Done</td> <td>Simple system test on a karaf distribution with the project's recommended features installed</td> </tr> </tbody> </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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Formal Release	2/18/2016	<b>Name</b>	<b>Description</b>
		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](mailto: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.