DIDM: Boron: Release Plan

Contents

Introduction

Release Deliverables

Release Milestones

- **Offset:** 2

Name	Description
Model for FlowObjective	FlowObjective is abstracted API which will be implemented by the drivers to provide the hardware specific flows. FlowObjective presents the simplified API to application, so that application can write the flows without platform awareness.
FlowObjective driver implementation for ovs soft switch platform	Implementation of FlowObjective for the OpenVswitch(OVS) software switch. Currently we are assuming OVS supports two table pipeline (FIB and Forwarding table), with these assumption we will give the sample implementation for ovs two table pipeline drivers.

Milestone	Offset X Date	Deliverables		
M1	3/24/2016	**Name**	**Status**	**Description**
		Release Plan	**Done**	Candidate Release Plan
M2	5/5/2016	**Name**	**Status**	**Description**
		Release Plan	**Done**	Final Release Plan
M3	6/2/2016	**Name**	**status**	**Description**
		Feature Freeze	**Done**	
		Candidate Stable Distribution	**Done**	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	**Done**	A running candidate of what is attempting to be the extension distribution.
M4	6/30/2016	**Name**	**status**	**Description**
		API Freeze	**Done**	
		Candidate Stable Distribution	**Done**	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	**Done**	A running candidate of what is attempting to be the extension distribution.

		Name	Description
M5	8/4/2016	Code Freeze	
		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.
RC0	8/11/2016	Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.
RC1	8/18/2016	Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.
RC2	8/25/2016	Release Review	Release Review Description
		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.
RC3	9/1/2016	Release Review	Release Review Description
		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.
Formal Release	9/8/2016	Deliverable Name	Deliverable Description

Externally Consumable APIs

- To be defined by M3

API	API Status	Short description
FlowObjective API	Available	Abstraction API, so that driver can covert the FlowObjective to flows as per their hardware capabilities and limitations.

Expected Dependencies on Other Projects

- SNMP Plugin - SNMP Get Request to fetch MIB objects
- AAA - Credential Manager
- OpenFlowPlugin

Compatibility with Previous Releases

N/A

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.