Unimgr: Nitrogen: Release Plan

Contents

Introduction

This is the Nitrogen release plan of Unimgr project.

Please check the main wiki page of Unimgr project for more details.

Release Deliverables

Name	Description
Karaf 4 Migration	Complete the Karaf 4 migration and remove Karaf 3 features
Bandwidth Profiles	Add support to ciscoxr and ovsdb drivers
Legato Implementation	Migrate existing Legato implementation into netvirt driver and re-implement Legato as layer talking to Presto
Bug fixing	High-priority bug fixes.
Presto API enhancements	described in the release notes
Legato API enhancements	described in the release notes

Release Milestones

- **Offset:** 2

Milestone	Offset 2 Date	Deliverables		
M1	2017-06-21	**Name**	**Description**	
		Release Plan	Candidate Release Plan	
M2 / M3 / M4	2017-07-14	**Name**	**Description**	
		API 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.	

M5	2017-08-14	Name	Description
		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	2017-08-14	Name	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.

RC1	2017-08-21	Name	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.

RC2	2017-08-28	Name	Description
		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	2017-09-03	Name	Description
		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	2017-09-07	Name	Description
		Deliverable Name	Deliverable Description

Externally Consumable APIs

- Externally consumable APIs
- Each PROVISIONAL or TENTATIVE API must be listed as project deliverable
    - Must be declared as "IN" or "OUT" at the M3 Milestone

Short Name	Description	Type (at M2)	Type (at M3)	Type (release)	Contract	Supporting Code
PUT: Create UNI	Create one User Network Interface (UNI)	Stable	Stable	Stable	http://localhost:8080/restconf/config/cl-vcpe-mef:unis/uni/822f7eec-2b35-11e5-b345-feff819cdc9f/	unimgr.api
GET: Get UNI List	Retrieve the list of UNIs	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef:unis/	unimgr.api
GET: Get UNI by UUID	Retrieve attributes for a specific UNI by its Universally Unique Identifier (UUID)	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef:unis/uni/{UUID}	unimgr.api
DELETE: Delete UNI	Delete a specific UNI by its UUID	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef:unis/uni/{UUID}	unimgr.api
GET: Get UNI Speed	Retrieve configured throughput for a specific UNI by its UUID	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef:unis/uni/{UUID}/speed/	unimgr.api
PUT: Set UNI Speed	Configure throughput rate for a specific UNI by its UUID	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef:unis/uni/{UUID}/speed/	unimgr.api

GET: Get SO EVC	Retrieve attributes for a single-operator Ethernet Virtual Connection (EVC)	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef: single-operator-evc/	unimgr.api
DELETE: Delete EVC	Delete an EVC by its UUID	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef: evcs/evc/{UUID}	unimgr.api
PUT: Config EVC EBW	Configure egress bandwidth (EBW) for an EVC	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef: evcs/evc/{UUID}/egress-bw/	unimgr.api
GET: Get EVC EBW	Retrieve the egress bandwidth attribute for an EVC by its UUID	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef: evcs/evc/{UUID}/egress-bw/	unimgr.api
DELETE: Delete EVC EBW	Delete the egress bandwidth attribute for an EVC by its UUID	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef: evcs/evc/{UUID}/egress-bw/	unimgr.api
PUT: Set EVC IBW	Configure the ingress bandwidth (IBW) for a particular EVC by its UUID	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef: evcs/evc/{UUID}/ingress-bw/	unimgr.api
GET: Get EVC IBW	Retrieve the ingress bandwidth attribute for a particular EVC by its UUID	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef: evcs/evc/{UUID}/ingress-bw/	unimgr.api
DELETE: Delete EVC IBW	Delete the ingress bandwidth for a particular EVC by its UUID	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef: evcs/evc/{UUID}/ingress-bw/	unimgr.api
GET: Get Op UNIs	Retrieve the list of UNIs from the operational data store	Stable	Stable	Stable	http://localhost:8181/restconf/operational/cl-vcpe- mef:unis/	unimgr.api

Expected Dependencies on Other Projects

The UNI Manager plug-in project has dependencies on the following OpenDaylight projects:

odlparent, yangtools, controller, netconf, ovsdb, openflow plugin, netvirt

Providing Project	Deliverable Name	Needed By	Acknowledged?	Description
N/A	None	N/A	N/A	No new or modified project dependencies for carbon release

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

Active Requests

Test Tools Requirements

- The UNI Manager Plug-in project will run System Test (ST) inside OpenDaylight cloud
- The UNI Manager Plug-in project will run TBD System Test

Other