

Unimgr: Beryllium: Release Plan

Contents

- [Introduction](#)
- [Contacts](#)
- [Release Deliverables](#)
- [Release Milestones](#)
 - [Offset: 2](#)
- [Externally Consumable APIs](#)
- [Expected Dependencies on Other Projects](#)
- [Expected Incompatibilities with Other Projects](#)
- [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](#)
- [Test Tools Requirements](#)
- [Other](#)
- [Externally Consumable APIs](#)
- [Expected Dependencies on Other Projects](#)
- [Expected Incompatibilities with Other Projects](#)
- [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](#)
- [Test Tools Requirements](#)
- [Other](#)

Introduction

This is the OpenDaylight Beryllium release plan for the User Network Interface (UNI) Manager plugin project. The goals for this project are to introduce a plug in to expose capabilities of OpenDaylight to northbound APIs and applications enabling applications to configure and manage physical and virtual network elements for delivery of business services. The initial focus is Carrier Ethernet services as defined by Metro Ethernet Forum.

Contacts

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Release Deliverables

Name	Description	Feature
Unimgr	User Network Interface Manager plug-in	Create initial UNI Manager feature plug-in
		Clustering
		Develop initial unit test coverage
		Develop initial automated integration testing

Release Milestones

Offset: 2

Milestone	Offset 2 Date	Deliverables
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M1	8/6/2015	Name	Description
		Intent	Intent to Participate
		Release Plan	Candidate Release Plan
M2	9/3/2015	Name	Description
		Release Plan	Final Release Plan
		Checklist	Project Checklist
M3	10/15 /2015	Name	Description
		Feature Freeze	Beryllium Features Frozen
		Karaf Feature Freeze	All Karaf features identified
		Documentation	Project documentation for Beryllium release has started
M4	11/12 /2015	Name	Description
		API Freeze	UNI Manager plug-in APIs for Beryllium Frozen
		Documentation	Drafts of all project documents available for review
M5	12/17 /2015	Name	Description
		Code Freeze	UNI Manager plug-in for Beryllium Frozen
		System Test Setup	All components required for system test execution are installed in CI
RC0	1/7/2016	Name	Description
		RC0	UNI Manager plug-in Beryllium Release Candidate 0
RC1	1/14 /2016	Name	Description
		RC1	UNI Manager plug-in Beryllium Release Candidate 1
RC2	1/21 /2016	Name	Description
		RC2	UNI Manager plug-in Beryllium Release Candidate 2
RC3	1/28 /2016	Name	Description
		RC3	UNI Manager plug-in Beryllium Release Candidate 3
		Release Review	TSC meeting for Release Review - Approval by TC
Formal Beryllium Release	2/4/2016	Name	Description
		Formal Release	UNI Manager plug-in Beryllium Formal Release
Service Release 1	3/17 /2016	First Service Release for Beryllium. See Service Release section. NOTE: This date is provisional, but will not move earlier. Please note, event based Updates (security/critical bugs) are distinct and may occur at any point.	
Service Release 2	3/17 /2016	Second Service Release for Beryllium. See Service Release section. NOTE: This date is provisional, but will not move earlier. Please note, event based Updates (security/critical bugs) are distinct and may occur at any point.	

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	Stable	Stable	Stable	http://localhost:8080/restconf/config/cl-vcpe-mef:unis/uni/822f7eec-2b35-11e5-b345-feff819cdc9f/	
GET: Get UNI List	Retrieve the list of UNIs	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef:unis/	
GET: Get UNI by UUID	Retrieve attributes for a specific UNI by its UUID	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef:unis/uni/{UUID}	
DELETE: Delete UNI	Delete a specific UNI by its UUID	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef:unis/uni/{UUID}	
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/	
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/	
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/	
DELETE: Delete EVC	Delete an EVC by its UUID	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef:evcs/evc/{UUID}	
PUT: Config EVC EBW	Configure egress bandwidth for an EVC	Stable	Stable	Stable	http://localhost:8181/restconf/config/cl-vcpe-mef:evcs/evc/{UUID}/egress-bw/	
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/	
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/	
PUT: Set EVC IBW	Configure 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/	
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/	
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/	
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/	

Expected Dependencies on Other Projects

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

`odlparent`, `yangtools`, `controller`

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

Expected Incompatibilities with Other Projects

None

Compatibility with Previous Releases

N/A

Removed APIs and/or Functionality

None

Deprecated APIs and/or Functionality

None

Changed APIs and/or Functionality

None

Themes and Priorities

Requests from Other Projects

None

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

Link back to [UNI Manager Plug-in project main page](#).

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