**Unimgr: Carbon: Release Plan**

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**Introduction**

This is the Carbon release plan of UniMgr project.

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

**Release Deliverables**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bug fixing</td>
<td>High-priority bug fixes.</td>
</tr>
<tr>
<td>Presto API enhancements</td>
<td>described in the release notes</td>
</tr>
<tr>
<td>Legato API enhancements</td>
<td>described in the release notes</td>
</tr>
<tr>
<td>Legato API portal</td>
<td>A DLUX based portal to support legato API configuration</td>
</tr>
</tbody>
</table>

**Release Milestones**

- **Offset: 2**

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Offset 2 Date</th>
<th>Deliverables</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1</td>
<td>11/3/2016</td>
<td>Name</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Release Plan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Candidate Release Plan</td>
</tr>
<tr>
<td>M2</td>
<td>12/8/2016</td>
<td>Name</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Release Plan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Final Release Plan</td>
</tr>
<tr>
<td>M3</td>
<td>2/2/2017</td>
<td>Name</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Feature Freeze</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Candidate Stable Distribution</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Extension Distribution</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A running candidate of what is attempting to be the extension distribution.</td>
</tr>
</tbody>
</table>
### 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

<table>
<thead>
<tr>
<th>Short Name</th>
<th>Description</th>
<th>Type (at M2)</th>
<th>Type (at M3)</th>
<th>Type (release)</th>
<th>Contract</th>
<th>Supporting Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUT: Create UNI</td>
<td>Create one User Network Interface (UNI)</td>
<td>Stable</td>
<td>Stable</td>
<td>Stable</td>
<td><a href="http://localhost:8080/restconf/config/cl-vcpe-mef:unis/unis/822f7eec-2b35-11e5-b345-feff819cdc9f/unimgr.api">http://localhost:8080/restconf/config/cl-vcpe-mef:unis/unis/822f7eec-2b35-11e5-b345-feff819cdc9f/unimgr.api</a></td>
<td>unimgr.api</td>
</tr>
<tr>
<td>GET: Get UNI List</td>
<td>Retrieve the list of UNIs</td>
<td>Stable</td>
<td>Stable</td>
<td>Stable</td>
<td><a href="http://localhost:8181/restconf/config/cl-vcpe-mef:unis/">http://localhost:8181/restconf/config/cl-vcpe-mef:unis/</a></td>
<td>unimgr.api</td>
</tr>
</tbody>
</table>
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)

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:

<table>
<thead>
<tr>
<th>Providing Project</th>
<th>Deliverable Name</th>
<th>Needed By</th>
<th>Acknowledged?</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>None</td>
<td>N/A</td>
<td>N/A</td>
<td>No new or modified project dependencies for carbon release</td>
</tr>
</tbody>
</table>

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