

COE: Oxygen: Release_Plan

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Introduction

[Coe:Main](#)

Release Deliverables

Name	Description
netvirt elan integration	coordination with netvirt for I2 connectivity of pods
netvirt I3 integration	coordination with netvirt for I3 connectivity of pods
misc yang model update	yang model update to catch up kubernetes changes.
CNI Plugin	CNI plugin support
K8s watcher	Golang watcher for k8s events
ODL Based DHCP support for Pods	supporting IP Management for Pods through netvirt DHCP
CSIT	Contribute CSIT for Coe

Release Milestones

- **Offset: 1**

Milestone	Offset 1 Date	Deliverables	
M0	09/17/2017	Name	Description
		Release Plan	Candidate Release Plan
M1	10/14/2017	Name	Description
		Release Plan	Final Release Plan
M2	11/14/2017	Name	Description
		Feature 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.

M3	12/14/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>API Freeze</td><td></td></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>		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.
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M4	01/14/2018	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Code Freeze</td><td></td></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>		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.
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RC0	02/07/2018	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>		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.		
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RC1	02/14/2018	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>		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.		
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RC2	02/21/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Release Review</td><td>Release Review Description</td></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>		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.
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RC3	02/28/2018	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Release Review</td><td>Release Review Description</td></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>		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.
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Formal Release	03/07/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Deliverable Name</td><td>Deliverable Description</td></tr></table>		Name	Description	Deliverable Name	Deliverable Description				
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Externally Consumable APIs

Short Name	Description	Type (at M2)	Type (at M3)	Type (release)	Contract	Supporting Code
Northbound	Interface to K8S Watcher				[TODO]	
MD-SAL yang models:						
MD-SAL Nodes Model	YANG model for Coe Nodes	Provisional	Provisional	Provisional	k8s-nodes.yang	org.opendaylight.coe.northbound.api
MD-SAL Pods Model	YANG model for Coe Pods	Provisional	Provisional	Provisional	pod.yang	org.opendaylight.coe.northbound.api

Expected Dependencies on Other Projects

- Depends on all other projects in Oxygen

Coe project depends on the projects, odlparent, controller, md-sal, yangtools. But there is no new dependencies in Nitrogen.

Providing Project	Description
controller	basic controller features
mdsal	mdsal features
odlparent	odlparent values
yangtools	yangtools for compiling yang

Expected Incompatibilities with Other Projects

None

Compatibility with Previous Releases

- None intrinsic to distribution, projects delivered may have their own.

Themes and Priorities

- Netvirt Integration
 - CSIT
 - CNI Plugin
- watcher updates if required
- ODL DHCP(stretched goal)

Requests from Other Projects

None

Test Tools Requirements

None

Other