

# Eman: Nitrogen: Release Plan

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## Introduction

<https://wiki.opendaylight.org/view/EMAN:Main>

## Release Deliverables

Name	Description
Fully implement IETF eman Information Model	

## Release Milestones

Milestone	Offset 2 Date	Deliverables		
M1	6/26/2017	<b>Name</b>	<b>Status</b>	<b>Description</b>
		Intent to participate	<b>Done</b>	Intent to participate in Nitrogen Simultaneous Release
		Project Lead elected	<b>Done</b>	Project Lead election
		Test Contact specified	<b>Done</b>	Test Contact announced
		Candidate Release Plan	<b>Done</b>	Candidate Release Plan
M2	7/14/2017	<b>Name</b>	<b>Status</b>	<b>Description</b>
		Final Release Plan	<b>Done</b>	Final Release Plan
		Project Checklist	<b>Done</b>	Project Checklist completed
		OpenDaylight CI	<b>Done</b>	OpenDaylight CI infrastructure usage for system test
		Project acknowledgement	<b>Done</b>	

M3	7/14/2017	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Functionality Freeze</td><td>Done</td><td></td></tr><tr><td>Karaf Features Defined</td><td>Done</td><td></td></tr><tr><td>Documentation Started</td><td>Done</td><td></td></tr><tr><td>Feature Test Started</td><td>Done</td><td></td></tr></table>	Name	Status	Description	Functionality Freeze	Done		Karaf Features Defined	Done		Documentation Started	Done		Feature Test Started	Done				
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Feature Test Started	Done																			
M4	7/14/2017	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>API Freeze</td><td>Done</td><td></td></tr><tr><td>Documentation word count</td><td>Done</td><td></td></tr><tr><td>Maven Central Requirements</td><td>Done</td><td></td></tr><tr><td>Feature Test Continues</td><td>Done</td><td></td></tr></table>	Name	Status	Description	API Freeze	Done		Documentation word count	Done		Maven Central Requirements	Done		Feature Test Continues	Done				
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M5	8/14/2017	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Code Freeze</td><td>Pending</td><td></td></tr><tr><td>Stability Branch</td><td>Pending</td><td>Stability branch, must be cut and local project versions bumped on master to avoid overwriting SNAPSHOTS</td></tr><tr><td>String Freeze</td><td>Pending</td><td>All externally visible strings frozen to allow for translation &amp; documentation</td></tr><tr><td>Documentation Complete</td><td>Pending</td><td>Only editing and and enhancing should take place after this point.</td></tr><tr><td>Integration &amp; System Test</td><td>Pending</td><td></td></tr></table>	Name	Status	Description	Code Freeze	Pending		Stability Branch	Pending	Stability branch, must be cut and local project versions bumped on master to avoid overwriting SNAPSHOTS	String Freeze	Pending	All externally visible strings frozen to allow for translation & documentation	Documentation Complete	Pending	Only editing and and enhancing should take place after this point.	Integration & System Test	Pending	
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RC0	8/14/2017	<table><tr><th>Name</th><th>Status</th></tr><tr><td>Release Candidate 0</td><td>Pending</td></tr></table>	Name	Status	Release Candidate 0	Pending														
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RC1	8/21/2017	<table><tr><th>Name</th><th>Status</th></tr><tr><td>Release Candidate 1</td><td>Pending</td></tr></table>	Name	Status	Release Candidate 1	Pending														
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RC2	8/28/2017	<table><tr><th>Name</th><th>Status</th></tr><tr><td>Release Candidate 2</td><td>Pending</td></tr></table>	Name	Status	Release Candidate 2	Pending														
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RC3	9/3/2017	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Bugfix &amp; more</td><td>Pending</td><td>Bugfixing, samples</td></tr><tr><td>Release Review</td><td>Pending</td><td>Release Review</td></tr><tr><td>Release Candidate 3</td><td>Pending</td><td></td></tr><tr><td>Blocking Bugs</td><td>Pending</td><td></td></tr></table>	Name	Status	Description	Bugfix & more	Pending	Bugfixing, samples	Release Review	Pending	Release Review	Release Candidate 3	Pending		Blocking Bugs	Pending				
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Formal Release	9/7/2017	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Formal Nitrogen Release</td><td>Pending</td><td></td></tr><tr><td>Release patch</td><td>NA</td><td>Release patch to the stable branch and bump versions</td></tr></table>	Name	Status	Description	Formal Nitrogen Release	Pending		Release patch	NA	Release patch to the stable branch and bump versions									
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SR1 Release	10/7/2017	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Release patch</td><td>NA</td><td>Release patch to the stable branch and bump versions</td></tr></table>	Name	Status	Description	Release patch	NA	Release patch to the stable branch and bump versions												
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SR2 Release	12/7/2017	<b>Name</b>	<b>Status</b>	<b>Description</b>
		Release patch	NA	Release patch to the stable branch and bump versions
SR3 Release	2/7/2018	<b>Name</b>	<b>Status</b>	<b>Description</b>
		Release patch	NA	Release patch to the stable branch and bump versions
SR4 Release	3/21-5/7	<b>Name</b>	<b>Status</b>	<b>Description</b>
		Release patch	NA	Release patch to the stable branch and bump versions

## Externally Consumable APIs

Artifact	Status	Description
Eman Operational and Operations (RPC) API	Pending	Exposes Eman Information Model

## Expected Dependencies on Other Projects

Providing Project	Deliverable Name	Needed By	Acknowledged?	Description
controller	features	M3	No	basic controller features
mdsal	model	M3	No	mdsal ietf-yang-types models
mdsal	features	M3	No	mdsal features
snmp	mibs-model	M3	No	snmp mibs-models for SNMPv2-TC yang model
restconf	features	M3	No	restconf features
odlparent	features	M3	No	odlparent values
yangtools	features	M3	No	yangtools for compiling yang

## Expected Incompatibilities with Other Projects

NA

## Compatibility with Previous Releases

NA

## Removed APIs and/or Functionality

Removed SNMP-centric yang models

## Deprecated APIs and/or Functionality

NA

## Changed APIs and/or Functionality

Added RPCs and Operational API endpoints

## Themes and Priorities

- Orient model to generalized energy Information Model
- Implement basic API functions to get energy measurements

## Requests from Other Projects

NA

## Active Requests

NA

## Test Tools Requirements

### System Test

This project plans on using System Test (ST) inside OpenDaylight cloud:

Here is a wiki page presenting the CSIT jobs implemented in the integration/test project regarding some of those modules: [EMAN:CSIT](#)

### Unit Test

TBD

### Integration Test

TBD

### Cluster Test

NA

### End to end Test

NA

## Other

Nitrogen release checklist 1. Make sure you have a git repository - done 2. Make sure your Jenkins jobs are created - done 3. Verify that your jenkins jobs work - done 4. Make sure you have a bugzilla entry for your project - done 5. Make sure you have a mailing list, usually just <repo-name>-dev - done 6. Make a main wiki page using the Project Facts template - done 7. Make sure you're subscribed to: - done 8. Set up your pom file structure - done 9. Set up your JaCoCo code coverage reporting - done