# Cardinal: Boron: Release Plan

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# Project Info

Project proposal

Project Main page

#### Release Deliverables

Name	Description				
Cardinal skeleton	Cardinal feature implementation skeleton				
Add OpenDaylight MIB	Add OpenDaylight MIB in experimental branch - manual				
Add daemon support	Add snmpd, snmptrapd support for multi-platform support				
Add Cardinal inter-op ODL Health	Add Cardinal support for ODL System info				
Add Cardinal inter-op ODL Karaf	Add Cardinal support for ODL Karaf features, bundles, threads and memory				
Add Cardinal inter-op ODL MD-SAL	Add Cardinal support for ODL MD_SAL such as clustering data, plug-ins (NetConf, OpenFlow, IoTDM etc.), features (SFC, BGP and GBP)				
Add Cardinal REST Support	Add Cardinal REST support for defined Cardinal MIB equivalent				
Enhance OpenDaylight MIB	Add OpenDaylight MIB in experimental branch - automated generation from Yang				
Add Cardinal autonomous events	Add Cardinal autonomous events support - Traps and Info				
Unit and Integration	End to end Integration for Cardinal Feature				
Documentation	Project Wiki, Release & User guides, How to for Developers etc.				

#### Release Milestones

Milestone	Offset 2 Date	Deliverables				
M1	3/24/2016	Name	Status	Description		
		Intent to participate	Completed	Intent to participate in Boron Simultaneous Release		
		Candidate Release Plan	Completed	Candidate Release Plan		

M2	5/5/2016	Name	Status		Description		
		Release Plan	Complete	d Final Relea	se Plan		
		Design document	Complete	Design document - Cardinal skeleton, MIB generation approach, 3rd party     Design document - Inter-op ODL Health, inter-op ODL Karaf, inter-op ODL SAL     File:Cardinal-DesignApproach-M2.pptx			
		Feature(s)	Complete	Cardinal feature implementation skeleton     Add snmpd, snmptrapd support (3rd party libraries) for multi-platform support (snmp4j)			
M3	6/2/2016	Name		Status Description			
		Design document (incremental update)		Complet ed	Design document - Cardinal REST support, Autonomous events support - Traps and Info     File:Cardinal-DesignApproach-M3.pptx		
		Feature(s)		Complet ed	<ul> <li>Add snmpd, snmptrapd support (3rd party libraries) for multi-platform support</li> <li>Add Cardinal support for ODL System info</li> <li>Add Cardinal support for ODL Karaf threads and memory</li> <li>Add OpenDaylight MIB in experimental branch - manual created MIB for Cardinal</li> </ul>		
		Unit Test		Complet ed	Unit Test development of each module		
		Integration and S	System test	Complet ed	Simple system test on a karaf distribution with the project's recommended features installed		
M4	6/30/2016	Name	Status	Description			
		API Freeze	Complet ed	REST API from all Cardinal Services freeze			
		Feature(s)	Complet ed	<ul> <li>Add Cardinal support for ODL Karaf features and bundles</li> <li>Add Cardinal support for ODL MD_SAL - Plug-ins (IoTDM)</li> </ul>			
		Unit Test	Complet l	Unit Test development of each module			
		Integration testing	Complet N	Manual integration testing			
		System test		Run a simple system test on a karaf distribution with the project's recommended features installed on Code Merge			
		Documentation	Complet of	Create draft documentation of Cardinal modules/interfaces			

M5	8/4/2016	Name	Status	Description				
		Code Freeze	Completed					
		Documentation	Completed	<ul> <li>Update Project wiki - User Guide, Installation Guide, Getting Started Guide and Others</li> <li>Updated System Test approach and test cases Wiki page</li> </ul>				
		Feature(s)	Completed	Additional Cardinal REST support for defined Cardinal MIB				
		Unit Test	Completed	Unit Test development of each module				
		Integration testing	Completed	Manual integration testing.				
		System test	Completed	Run system test for Centinel				
RC0	TBD	Name	Status	Description				
		Deliverable Name		Deliverable Description				
RC1	TBD	Name	Status	Description				
		Deliverable Name		Deliverable Description				
RC2	TBD	Name	Status	Description				
		Release Review		Release Review Descrip	tion			
		Deliverable Name		Deliverable Description				
Formal Release	TBD	Name	Status	Description				
		Deliverable Name		Deliverable Description				

# **Expected Dependencies on Other Projects**

• None

### **Expected Incompatibilities with Other Projects**

• None

#### Compatibility with Previous Releases

Not Applicable

#### **Removed APIs and/or Functionality**

• Not Applicable

## **Deprecated APIs and/or Functionality**

• Not Applicable

#### **Changed APIs and/or Functionality**

Not Applicable

### **Test Tools Requirements**

Other