

Cardinal: Carbon: Release Plan

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Project Info

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Release Deliverable

Name	Description
Cardinal core	Implement support for autonomous notifications (SNMP Trap and SNMP Info messages)
Cardinal core	Implement support to enable Listeners to register for autonomous notifications (REST)
Cardinal core	Design and implementation to support monitoring OpenDaylight network - OpenFlow Devices
Cardinal core	Design and implementation to support monitoring OpenDaylight network - NETCONF Devices
Cardinal MIB	Enhance Cardinal MIB to support above features
Cardinal Interface(s)	Enhance/Validate Cardinal SNMP (v2) and REST interfaces to support above features
JUnit Test cases	Write and submit test cases for Cardinal features introduced in Carbon-Release
CSIT Test suite	Write and submit CSIT Test cases for each feature introduced in Carbon-Release
Documentation	Update Project Wiki and Release Plan. Submit Gerrit updates for User guides, Installation Guide, etc.

Release Milestones

Milestone	Offset-2 (Carbon)	Deliverables		
M1	NOV/3/2016	Name	Status	Description
		Intent to participate	<i>Completed</i>	Intent to participate in Carbon Simultaneous Release [Email]
		Candidate Release Plan	<i>Completed</i>	Candidate Release Plan

M2	DEC/8/2016	Name	Status	Description
		Release Plan	<i>Completed</i>	Final Release Plan
		Design Document & Test plan	<i>Completed</i>	<ul style="list-style-type: none"> Design approach to support for network (OpenFlow) devices in Cardinal (via SNMP, REST) File:Cardinal-DesignApproach OpenflowV0.pdf
		Feature(s)	<i>Completed</i>	<ul style="list-style-type: none"> Cardinal MIB: Enhance Cardinal MIB to support OpenFlow Devices Cardinal core: Implementation to support monitoring/metering OpenDaylight network - OpenFlow Devices Cardinal Interface(s): Validate Cardinal SNMP (v2) interface framework supports above features - SNMP GET Cardinal Interface(s): Enhance Cardinal REST APIs to support above Cardinal-features - REST GET M2 Completion status email
		Unit Test	<i>Completed</i>	<ul style="list-style-type: none"> JUnit Test cases: Submit test cases for Cardinal features (KaraInfo, SysInfo) Integration test cases: Update Integration Test cases (wiki) for this milestone
M3	FEB/2/2017	Name	Status	Description
		Design document (incremental update)	<i>completed</i>	<ul style="list-style-type: none"> Design approach to support for network (NETCONF) devices in Cardinal File:Cardinal-DesignApproach Netconf.pdf
		Feature(s)	<i>completed</i>	<ul style="list-style-type: none"> Cardinal MIB: Enhance Cardinal MIB to support NETCONF Devices Cardinal core: Implementation to support monitoring/metering OpenDaylight network - NETCONF Devices Cardinal Interface(s): Validate Cardinal SNMP (v2) interface framework supports above features - SNMP GET Cardinal Interface(s): Enhance Cardinal REST APIs to support above Cardinal-features - REST GET
		Unit Test (JUnit Test cases)	<i>completed</i>	<ul style="list-style-type: none"> JUnit Test cases: Submit test cases for Cardinal features introduced in this milestone Integration test cases: Update Integration Test cases (wiki) for this milestone
		System test (CSIT)	<i>completed</i>	<ul style="list-style-type: none"> CSIT Test suite: Submit CSIT Test cases for each feature introduced in this milestone

M4	MAR/2/2017	Name	Status	Description
		API Freeze	<i>completed</i>	<ul style="list-style-type: none"> REST API from all Cardinal Services freeze
		Feature(s)	<i>completed</i>	<ul style="list-style-type: none"> Cardinal MIB: Enhance Cardinal MIB to support Traps/Info for Cardinal-Carbon MIB attributes Implementation support for (SNMP Traps, SNMP Info) in Cardinal Cardinal as an "SNMP Agent as a Service" Implementation
		Unit Test (JUnit Test cases)	<i>completed</i>	<ul style="list-style-type: none"> JUnit Test cases: Submit test cases for Cardinal features introduced in this milestone Integration test cases: Update Integration Test cases (wiki) for this milestone
		System test (CSIT)	<i>completed</i>	<ul style="list-style-type: none"> CSIT Test suite: Submit CSIT Test cases for each feature introduced in this milestone
M5	MAR/30/2017	Name	Status	Description
		Code Freeze	<i>completed</i>	
		Documentation	<i>completed</i>	<ul style="list-style-type: none"> Documentation: Update Project Wiki and Release Plan Documentation: Verify availability of User guides, Installation Guide, etc.
		Feature(s)	<i>completed</i>	<ul style="list-style-type: none"> Document submissions: Gerrit submission for User guide (Carbon Release) Document submissions: Gerrit submission for Installation guide (Carbon Release) Document submissions: Verify Gerrit submission for CSIT Test suite (Carbon Release)
		System test (CSIT)	<i>completed</i>	<ul style="list-style-type: none"> CSIT Test suite: Execute CSIT Test Suite for Cardinal-Carbon features CSIT Test suite: Validate code-coverage as generated (based on JUnit test coverage)
RC0	Not Applicable	Name	Status	Description
		Deliverable Name		Deliverable Description
RC1	Not Applicable	Name	Status	Description
		Deliverable Name		Deliverable Description
RC2	Not Applicable	Name	Status	Description
		Release Review		Release Review Description
		Deliverable Name		Deliverable Description
Formal Release	Not Applicable	Name	Status	Description
		Deliverable Name		Deliverable Description

Engineers committed to OpenDaylight Carbon - Cardinal

- Rajani Srivastava - srivastava.rajani@tcs.com
- Subodh Roy - Subodh.Roy@tcs.com
- Preeti Pandey - Pandey.Preeti1@tcs.com

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