

AAA: Lithium: Release Plan

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Introduction

Release Deliverables

Name	Description
MDSAL AuthZ	AuthZ for rpc, notification, and mounted resources (experimental *)
HA Persistence	Supports pluggable cluster capable AAA persistence back-ends such as Cassandra or MySQL Galera.
Token cache in MDSAL	Alternative store for token cache (in addition to Ehcache)
Openstack Keystone Federation	Supports SSO with Openstack Keystone
Key Manager	Initially supports CRUD of security keys (REST/Java), such as for use with SNMP, OF, etc..
Bugfix & more	Bug fixes, documentation/samples (includes AuthZ in Toaster) and tests

* AuthZ has been marked "**experimental**" due to a change in design of how we do AuthZ via extending the core "Normalized Node" class.

Release Milestones

Milestone	Offset 1 Date	Deliverables		
M1	12/18/2014	Name	Status	Description
		Intent to participate	Done	Intent to participate in Lithium Simultaneous Release
		Project Lead elected	Done	AAA Project Lead election
		Test Contact specified	Done	AAA Test Contact announced
		Candidate Release Plan	Done	Candidate Release Plan
M2	1/29/2015	Name	Status	Description
		Release Plan		Final Release Plan
		AAA CI	Done	AAA CI infrastructure usage for system test
		MDSAL AuthZ	No resource	AuthZ for rpc, notification, and mounted resources (experimental)
		HA Persistence	Done	Supports MySQL Galera
		Token cache in MDSAL	Done	Alternative store for token cache
		Openstack Keystone Federation	Done	Supports SSO with Openstack Keystone
		Key Manager	Align with Netconf	Supports CRUD of security keys (REST/Java)

M3	3/05/2015	Name		Status	Description
		Functionality Freeze		Done	Final list of externally consumable APIs defined and documented
		Documentation Started		Done	Identified the kinds of documentation to be provided, created AsciiDoc files for them with outlines, and committed those files in an appropriate location
		Integration & System Test		Done	Simple system test on a karaf distribution with the project's recommended features installed
M4	4/02/2015	Name		Status	
		API Freeze		Done	
M5	4/30/2015	Name		Status	Description
		Stability branch		Done	Stability branch, i.e., stable/lithium, must be cut and local project versions bumped on master to avoid overwriting lithium SNAPSHOTS
		String Freeze		Done	All externally visible strings frozen to allow for translation & documentation
		Documentation Complete		Done	Only editing and and enhancing should take place after this point.
		Code Freeze			
RC0	N/A	Name		Status	
		Release Candidate 0			
RC1	N/A	Name		Status	
		Release Candidate 1			
RC2	N/A	Name		Status	
		Release Candidate 2			
RC3	N/A	Name		Status	Description
		Bugfix & more			Bugfixing, samples
		Release Review			Release Review
		Release Candidate 3			
Formal Release	N/A	Name		Status	Description
		Formal Lithium Release			
		Release patch			Release patch to the stable/lithium branch and bump versions
SR1 Release	N/A	Name	Status	Description	
		Release patch		Release patch to the stable/lithium branch and bump versions	
SR2 Release	N/A	Name	Status	Description	
		Release patch		Release patch to the stable/lithium branch and bump versions	

Expected Dependencies on Other Projects

- [Persistence Project](#)
 - Note: We will only need the JPA implementation from this project for Lithium.

Requirements on AAA

Requesting Project	API Name	Needed By	Acknowledged?	Description
SNMP Plugin		Lithium	Yes, unable to do in Lithium due to limited resources	Security Credential Service (Bugzilla #2576)

Compatibility with Previous Releases

No compatibility issues are known

Themes and Priorities

Other