



LF
NETWORKING

LFN Developer & Testing Forum

OpenDaylight

Release Notes Automation

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OpenDaylight Release Notes

1. Behavior/Feature Changes

List of improved features in this release

2. New Features

List of new features introduced in this release

3. Deprecated Features

List of existing features being removed in this release

4. Resolved Issues

List of known issues fixed in this release

5. Known Issues

List of known issues exist in this release

Navigate to Release Notes

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URL: <https://docs.opendaylight.org/en/stable-silicon/>

Release Notes

Release Notes

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Release Notes

Execution

OpenDaylight includes [Karaf](#) containers, [OSGI](#) (Open Service Gateway Initiative) bundles, and Java class files, which are portable and can run on any Java 11-compliant JVM (Java virtual machine). Any add-on project or feature of a specific project may have additional requirements.

Development

OpenDaylight is written in Java and utilizes Maven as a build tool. Therefore, the only requirements needed to develop projects within OpenDaylight include:

- [Java JDK 11](#)
- [Apache Maven 3.5.2](#) or later

If an application or tool is built on top of OpenDaylight's REST APIs, it does not have any special requirement beyond what is necessary to run the application or tool to make REST calls.

In some instances, OpenDaylight uses the [Xtend](#) language. Even though Maven downloads all appropriate tools to build applications; additional plugins may be required to support IDE.

Projects with additional requirements for execution typically have similar or additional requirements for development. See the platforms release notes for details.

Platform Release Notes

- [Silicon Platform Upgrade](#)

Project Release Notes

- [AAA](#)
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Example of Release Notes

NETCONF

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NETCONF

Overview

NETCONF is an XML-based protocol used for configuration and monitoring devices in the network. The base NETCONF protocol is described in [RFC-6241](#).

Behavior/Feature Changes

Here is the link to the features improved in this release:

[OpenDaylight JIRA Tickets - Improvement](#)

New Features

Here is the link to the new features introduced in this release:

[OpenDaylight JIRA Tickets - New Feature](#)

Deprecated Features

Here is the link to the features removed in this release:

[OpenDaylight JIRA Tickets - Deprecated Feature](#)

Resolved Issues

Here is the link to the resolved issues fixed in this release:

[OpenDaylight JIRA Tickets - Resolved Issue](#)

Known Issues

Here is the link to the known issues exist in this release:

[OpenDaylight JIRA Tickets - Known Issue](#)

Example of Feature Change

Jira Software | Dashboards | Projects | Issues | Search | Log In

Search | Save as | Export | Tools

netconf | Improvement | Resolved, Done, Closed | Assignee: All | Contains text | Search | Advanced

Fix Version: 1.13.0, Silicon, ...

Order by Issue Type

- NETCONF-5 Update call home to RFC8071
- NETCONF-602 Get rid of GzipFilter
- NETCONF-689 Extend Websocket streams for data-l...
- NETCONF-717 Rework KeepaliveSalFacade time trac...
- NETCONF-750 Create NetconfTopologyRPCProvider...
- NETCONF-752 Upgrade sshd to 2.6.0
- NETCONF-760 Unstable test behavior on Windows (...)

netconf / NETCONF-5 | 1 of 7 | Export

Update call home to RFC8071

Details

Type:	Improvement	Status:	RESOLVED
Affects Version/s:	None	Resolution:	Done
Component/s:	Netconf	Fix Version/s:	1.13.0
Labels:	pt		
Environment:	Operating System: All Platform: All		

Description

<http://tools.ietf.org/html/draft-ietf-netconf-reverse-ssh> is a very useful feature for controller deployments, where we do not need to pre-configure the device locations. Implement it such that a sal-netconf-connector instance can be configured to accept Call Home connections.

Issue Links

is duplicated by

- GONTROLLER-989 Netconf call home support | RESOLVED
- NETCONF-375 support RFC 8071 | RESOLVED

Gerrit Reviews

No reviews matched the request. Check your Options in the drop-down menu of this sections

People

Assignee:	Oleksii Mozghovyi
Reporter:	Robert Varga
Votes:	0 Vote for this issue
Watchers:	9 Start watching this issue

Dates

Created:	24/Jul/14 10:48 PM
Updated:	23/Feb/21 6:43 PM
Resolved:	23/Feb/21 6:43 PM

Automation Process

Approach

- Use Jira for status tracking and documentation
- Label the tickets with mandatory fields
- Define proper filters to track the real-time status of tickets
- Define proper filter to group the issues and features for specific release

Benefits

- Low maintenance
- Reflects the exact status issue/feature (error-free)

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Jira Ticketing Guideline

Mandatory Fields

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Jira Ticketing Guideline

Mandatory Fields

Here is the list of mandatory fields for each jira ticket:

Project:

description: the name of related project
values: aaa, bgpcep, controller, etc.

Priority:

description: the importance of ticket
values: Highest (reserved for release blocker bugs), High, Medium, Low, Lowest

Type:

description: issue type
values: Bug/New Feature/Task/Improvement/Deprecate

affectedVersion:

description: the version that the issue was seen (it's only applicable to bugs)
values: aluminum/silicon/etc.; "None" to be used for anything other than "Bug"

fixVersion:

description: the version targeted for the bug fix, new feature, behavior/feature change (Improvement), or deprecated feature (the first time that the feature is being disappeared), the release schedule can be found [here](#)
values: aluminum/silicon/etc.

[Source](#)

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Next Steps

- Automatically pull the release numbers and use them as arguments for filter creation
- Introduce release notes automation for self-managed projects



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