AAA: Beryllium: Release Notes

Contents

- Major Features
- Target Environment
  - For Execution
  - For Development
- Known Issues and Limitations
- Changes Since Previous Releases
  - Bugs Fixed in this Release
  - Migration from Previous Releases
  - Compatibility with Previous Releases
  - Deprecated, End of Life, and/or Retired Features/APIs

Major Features

Ideally, the user should only install odl-aaa-shiro, as it provides the best bang for the buck in Beryllium.

- odl-aaa.shiro - Installs all supported AAA features
- odl-aaa-authn - Just AAA TokenAuthFilter based implementation without Shiro add-ons
- odl-aaa-authn-mdsal-cluster - EXPERIMENTAL Uses md-sal store instead of h2 store
- odl-aaa-sssd-plugin - SSSD integration through TokenAuthRealm
- odl-aaa-authz - EXPERIMENTAL support for AuthZ Dom Data Broker

Target Environment

Java 7/8 Environments

For Execution

N/A

For Development

Python 2.7+, Sqlite3

Known Issues and Limitations

- Particular known bugs and workarounds.
  - Bug 4742 - Known workaround; just specify "application/json" regardless.
  - Bug 1835 - Known workaround; just limit fields to 128 characters. Does not cause harm to database as the query will fail.
  - Bug 3855 - Known workaround; do not use password with "%" or ".". Password may be recovered through idmlight script.
    - Testing methodology. How extensive was it? What should be expected to work? What hasn't been tested as much?

Basic authentication and token based authentication in conjunction with ALL features were tested extensively through [1]. Idmlite test plan was added last release, but has not yet run successfully due to resource leaving the project (working to fix this ASAP). Unit Test coverage improved from 21-34%.

Changes Since Previous Releases

- Shiro Framework Included
- LDAP integration with and without RBAC
- Shiro based authorization added
- TokenAuthRealm added for backwards compatibility
- Enhanced Logging added
- Experimental MD-SAL store was added, but disabled by default due to unresolved configuration subsystem issues.

Bugs Fixed in this Release

ID Product Comp Assignee Status Resolution Summary Changed

5253 aaa General bugs@lists.opendaylight.org RESO FIXE AAA Delete non-functional 22:16:17

5250 aaa General bugs@lists.opendaylight.org RESO FIXE User update for changing password requires salt Fri 18:53

4782 aaa General ryandgoulding@gmail.com RESO FIXE H2Store tries to create tables multiple times Wed 16:33
RESO FIXE idmlight rest endpoints sometimes fail to load Wed 14:44
RESO FIXE ODLJndiLdapRealm does not allow configurable searchBase 2016-02-02
RESO FIXE Cannot Delete Users 2016-02-02
RESO FIXE CORS requests stopped early 2015-12-21
RESO FIXE ClaimAuthFilter missing REMOTE_USER_GROUPS 2015-12-18
RESO FIXE AAA sometimes falsely authorizes user to restricted endpoint 2015-12-18
RESO FIXE AAA does not provide AuthN only LDAP capability 2015-12-18
RESO FIXE ServiceWireTask prone to java.lang.IllegalStateException: BundleContext is no longer valid 2015-12-15
RESO FIXE STS ServiceWireTask thread blocks pax exam shutdown, causing long running singleFeatureTests 2015-12-15
RESO FIXE AAA STS ServiceWireTask prone to java.lang.IllegalStateException: BundleContext is no longer valid 2015-12-15
RESO FIXE AAA versionhandler is out of date and should be deprecated 2015-12-15
RESO FIXE AAA versionhandler is out of date and should be deprecated 2015-12-15
RESO FIXE AAA does not enforce unique role names 2015-08-23
RESO FIXE AAA passwords are stored in clear text 2015-08-23
RESO FIXE AAA Update user info will result in an un-redact password field returned in the response 2015-07-21
Migration from Previous Releases

Since the AAA schema was changed, it is recommended to remove "idmlight.db.mv.db" and start with a fresh IdM database, or export the database and manually update fields.

Compatibility with Previous Releases

Functionality is fully backwards compatible, but since the schema changed it is recommended to start with a fresh idmlight.db.

Deprecated, End of Life, and/or Retired Features/APIs

VersionHandler was deprecated this release.