

Release Notes

Document ID: saml_22_0_rn_1

This document details the upgrade information, resolved issues, and known issues that are included in SAML 2.2.0.

1 Upgrading to 2.2.0

You must be using one of the following SAML versions in order to upgrade:

- SAML 2.0+

2 Resolved Issues

The following items have been resolved in the 2.2.0 release. Each issue is documented in the following format:

- A description of the issue
- Internal tracking code
- Case number, if applicable

Issue: Update SAML for supporting OpenJDK 11

Tracking code: SUPPORTPRI-61886

Case number: N/A

Issue: SAML plugin was failing to authenticate with TeamConnect if a username contained an underscore

Tracking code: SUPPORTPRI-45327

Case number: 2018-1114-490155

Issue: Implement SingleLogout for TeamConnect SAML

Tracking code: SUPPORTPRI-55231

Case number: N/A

Issue: TeamConnect SSO-SAML integration loses redirect context when using isolation security (ie. Menlo)

Tracking code: SUPPORTPRI-60557

Case number: 2020-0925-640086

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3 Overview

- A. Libraries upgraded for OpenJDK 11
 - a. **Spring libraries:** 3.2.9.RELEASE → 4.3.30.RELEASE
 - b. **spring-security-saml2-core:** 1.0.0.RELEASE → 1.0.1.RELEASE
 - c. **spring-security-config:** 3.2.9.RELEASE → 4.2.20.RELEASE
 - d. **spring-security-web:** 3.2.9.RELEASE → 4.2.20.RELEASE
 - e. **spring-security-core:** 3.2.9.RELEASE → 4.2.20.RELEASE
 - f. **spring-security-taglibs:** 3.2.9.RELEASE → 4.2.20.RELEASE
 - g. **spring-orm:** 3.2.9.RELEASE → 4.2.20.RELEASE
 - h. **spring-core:** 3.2.9.RELEASE → 4.3.12.RELEASE
 - i. **spring-beans:** 3.2.9.RELEASE → 4.2.20.RELEASE
 - j. **spring-context:** 3.2.9.RELEASE → 4.2.20.RELEASE
 - k. **spring-aop:** 3.2.9.RELEASE → 4.2.20.RELEASE
 - l. **spring-web:** 3.2.9.RELEASE → 4.2.20.RELEASE
 - m. **spring-tx:** 3.2.9.RELEASE → 4.2.20.RELEASE
 - n. **spring-webmvc:** 3.2.9.RELEASE → 4.2.20.RELEASE
 - o. **spring-expression:** 3.2.9.RELEASE → 4.2.20.RELEASE

The following changes were also made to the application configuration:

- Used appropriate methods to support IS_AUTHENTICATED_ANONYMOUSLY, ROLE_ADMIN, and IS_AUTHENTICATED_FULLY role identifiers.
- Added code to disable CSRF token authentication as default

- B. Enabling SingleLogout functionality
 - a. Enable SingleLogout on the IDP, and set the single logout endpoint to <server.url>/Mitratesh-SSO-SAML/saml/SingleLogout
 - b. Regenerate sp.xml and idp.xml with the intended SingleLogout signature/encryption settings and replace them in the .war file.
 - c. If using signed responses, ensure IDP has the correct certificate that corresponds to the keystore being used by the SAML server.
 - d. If using session time-out, make sure the TeamConnect session time-out is greater than that of the IDP session time-out.
 - e. Edit authenticationDescriptor.properties and set tc.isSLO to true
 - f. Edit logout.html and replace "local=true" with "local=false&{user.token}" in both URL's.
 - g. Replace Crypto.class in TeamConnect with the one provided with this patch.
 - h. Restart both TeamConnect and the SAML server.

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C. Enabling network isolation redirect bypass

- a. In TeamConnect, under Documents > Top Level > System > Authentication > SAML > pages, checkout the badCredentials.html document and edit the existing URL's by appending "?Redirect={redirect.url}" to them.

Example: <http://test-domain:8080/Mitratech-SSO-SAML/saml/login> will change to <http://test-domain:8080/Mitratech-SSO-SAML/saml/login?Redirect={redirect.url}>

Check back in the edited document.

- b. Restart the SAML server