



Red Hat JBoss BPM Suite 6.3

Red Hat Single Sign-On Integration Read Me

The Red Hat Single Sign-On Integration Guide for Red Hat JBoss BPM Suite

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Abstract

A guide for administrators and developers who want to integrate Red Hat JBoss BPM Suite with Red Hat Single Sign-On.

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CHAPTER 1. INTRODUCTION

Red Hat Single Sign-On (RH-SSO) is an integrated Single Sign-On solution (SSO) and supports both OpenID Connect and SAML v2.

RH-SSO is an authentication server for web applications, mobile applications and RESTful web services, where users can manage their user accounts. The RH-SSO administration UI can manage roles and role mappings for any application secured by RH-SSO. You can use the RH-SSO server to perform social logins using social media sites, such as Google, Facebook, Twitter, and others.

1.1. INTEGRATING WITH RED HAT JBOSS BPM SUITE

By integrating with Red Hat JBoss BPM Suite, you gain additional supported features. For example:

- Centrally managed user and role mapping metadata. Minimal configuration required at the application side.
- Administrator console for managing users, roles, role mappings, applications, and user sessions.
- Revocation policies.
- Password policies.

Additional features to gain support after the Red Hat Single Sign-On GA include, for example:

- OpenID Connect, SAML 2.0 Single Sign-On, and Single Log Out services for your browser applications.
- Social Broker – Enable Google, Facebook, Yahoo, or Twitter social login service with no code required.
- Identity Broker – Delegate to an external SAML 2.0 or OIDC broker for authentication.
- Optional LDAP/Active Directory integration.
- Optional User Registration, with optional re-captcha ability.
- Password and time-based one-time password (TOTP) support (through Google Authenticator). Authentication through client certification is coming soon.
- User session management from both administrator and user perspectives.
- Customizable themes for user pages – login page, account management, emails, or administrator console are fully customizable.
- OAuth 2.0 Bearer token authentication for REST Services.
- Integrated browser application for REST Service token propagation.
- Cross-origin resource sharing (CORS) Support.
- Deployable as a WAR, appliance, or an Openshift cloud service (SaaS).
- HTTP security proxy for environments, platforms, and languages that do not have a client adapter.
- Javascript/HTML 5 adapter for pure Javascript applications.

- Session management from administrator console.
- Claim and assertion mappings. Your tokens and assertion XML is fully customizable.
- Impersonation – Allow your administrators to impersonate a user to troubleshoot.

1.2. FURTHER INFORMATION

For further information about Red Hat Single Sign-On, follow these guides:

- Getting Started Guide [[single-page HTML](#)] [[multi-page HTML](#)] [[pdf](#)] [[epub](#)].
- Installation Guide [[single-page HTML](#)] [[multi-page HTML](#)] [[pdf](#)] [[epub](#)].
- Administration and Configuration Guide [[single-page HTML](#)] [[multi-page HTML](#)] [[pdf](#)] [[epub](#)].

For further information about Red Hat JBoss BPM Suite integration with Red Hat Single Sign-On, see Chapter 11. Integrating Red Hat JBoss BPM Suite with Red Hat Single Sign-On of the *Red Hat JBoss BPM Suite Administration and Configuration Guide* [[single-page HTML](#)] [[multi-page HTML](#)] [[pdf](#)] [[epub](#)] .

APPENDIX A. REVISION HISTORY

Revision 6.3.0-6 Fixed links.	Mon Dec 5 2016	Tomas Radej
Revision 6.3.0-5 Removed supportability statement.	Thu Aug 4 2016	Tomas Radej
Revision 6.3.0-4 Releasing the newest documentation.	Thu Jun 2 2016	Marek Czernek
Revision 6.3.0-3 Initial build for release 6.3.0 of JBoss BPM Suite.	Thu May 5 2016	Marek Czernek