
SSO INTEGRATION ARCHITECTURE

Version 1.0 - Draft
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1. OVERVIEW

1.1. PURPOSE

This document provides a high-level description of the technical solution for the *LSRPL* project sso integration and API integration with partner..

This document is intended to:

- Capture all design considerations
- Capture architecture level technical design decisions.
- Convey the technical architecture to the Technical Architect for review and approval.

1.2. BUSINESS CONTEXT

This document provides various ways of SSO integration with partners onboarding on LSRPL eg. SAML, OIDC with auth_code and JWT as well as a custom integration approach.

2. ABBREVIATION LIST

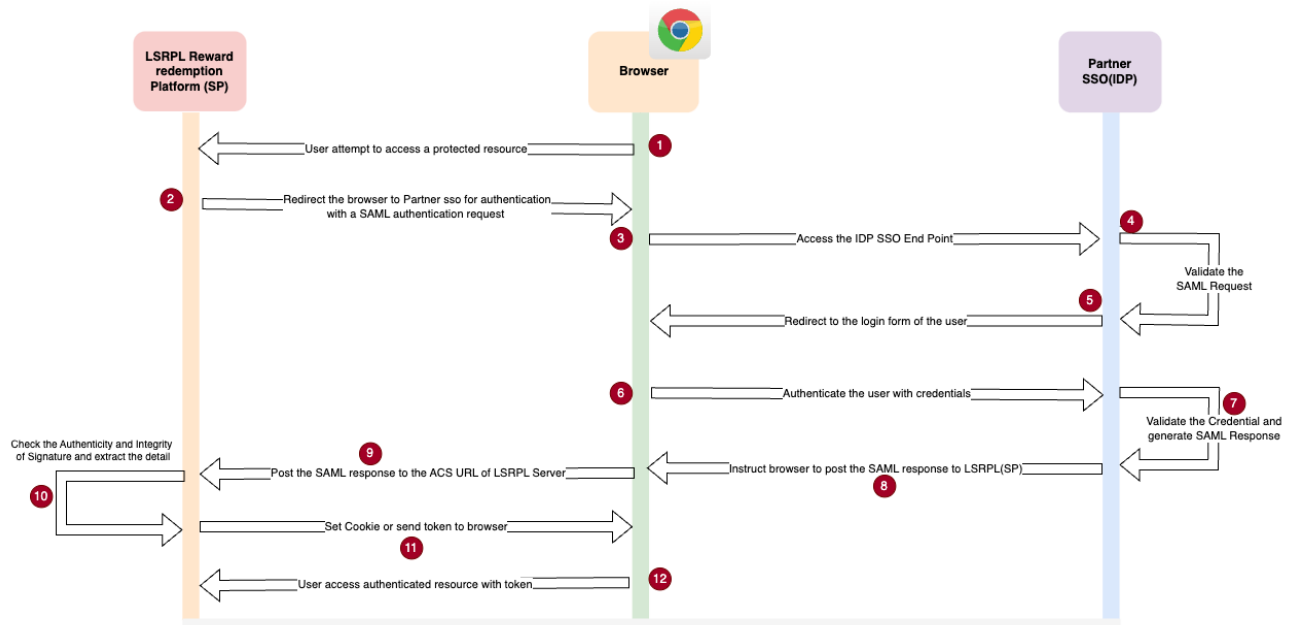
- Partner's SSO Integration
- Partner's Redemption API integration:

3. SSO INTEGRATION

A high-level diagram/description of the SSO integration architecture is shown below. It describes how the higher-level components collaborate with each other in order to achieve the required results.

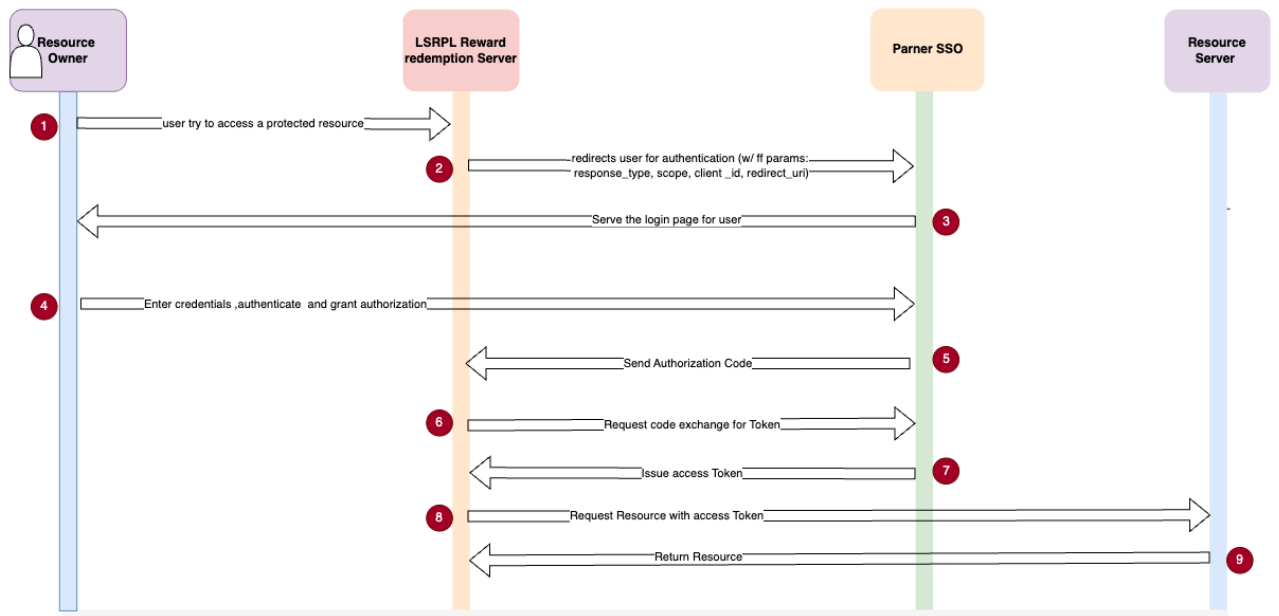
3.1. SSO SAML Integration

Reward Redemption SSO - SAML Integration



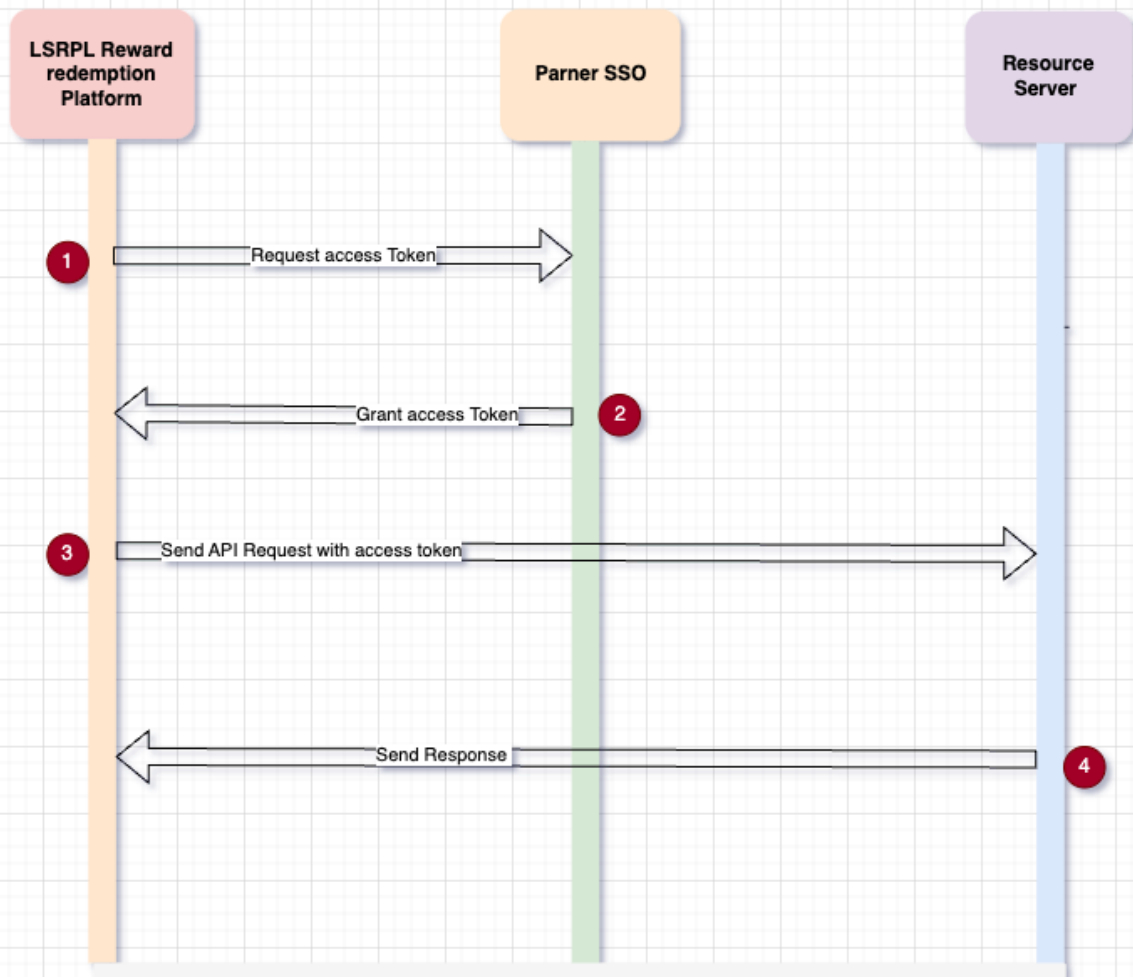
3.1.1. SSO Auth Code integration

Reward Redemption SSO - Auth Code Integration



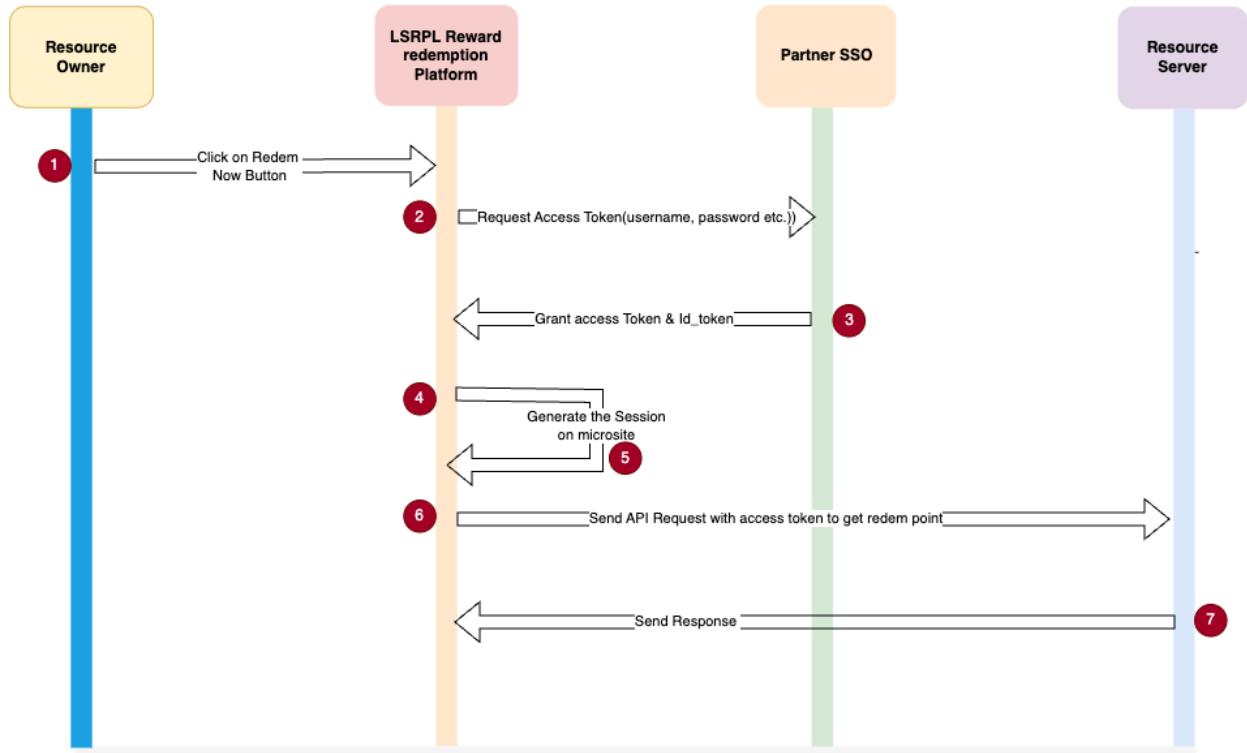
3.1.2. SSO with OIDC Client Credentials Integration:

Reward Redemption SSO - Client Credentials Integration



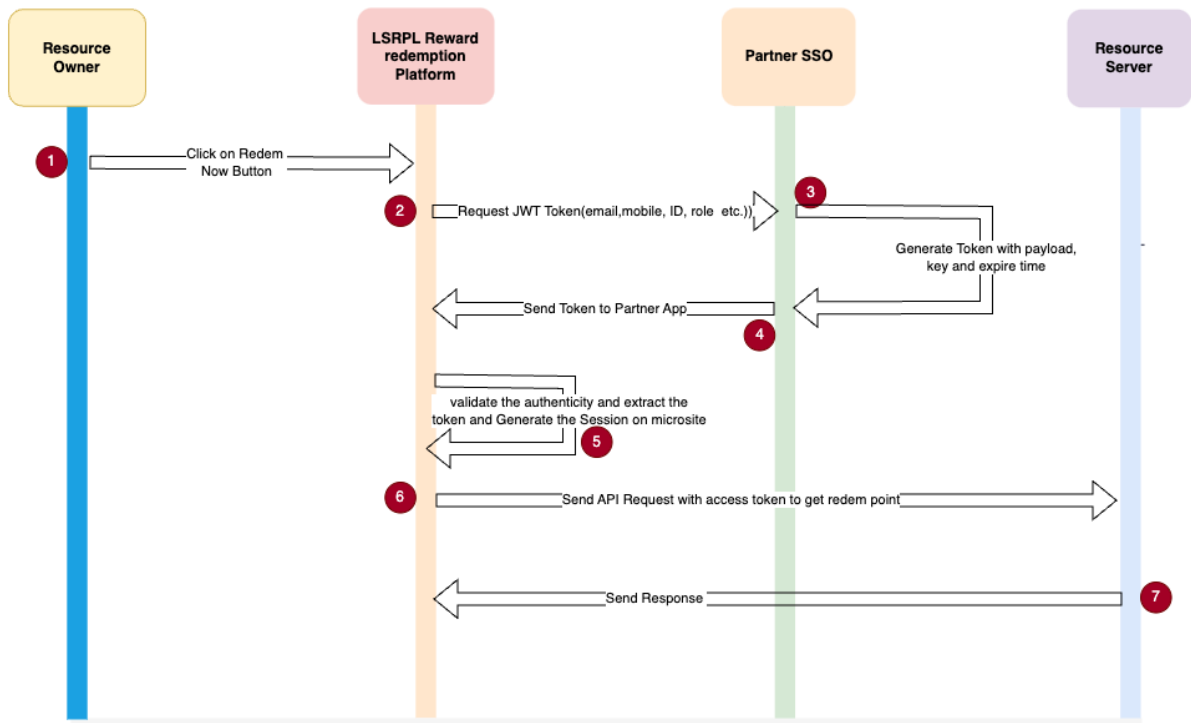
3.1.3. SSO with Password based Integration:

Reward Redemption SSO - OIDC-Password base Integration



3.1.4. SSO with JWT Integration:

Reward Redemption SSO - OIDC-JWT Integration



3.1.5. SSO with Custom Integration: We can integrate SSO with customization eg. using OTP, creating or modifying api's needed from LSRPL side as wells needed from partner side.

- Partner's Redemption API integration: Partner's API needed for redeem coin, get balance, hold coin, send sms is mentioned into the link given below:

https://docs.google.com/document/d/1W7YSft5GtlqXkG2Fs_hiLGZYhtVwm9jL/edit

