Prepared for: 

# 

by: 

# 

# 

Smarter Balanced Reporting

SmarterApp Interface Specification

Test Score Batching

## 

## 

## 

Approvals

|  |  |  |  |
| --- | --- | --- | --- |
| **Representing** | **Date** | **Approver** | **Status** |
| Consortium |  | Joe Willhoft |  |
| Consortium | 2014.09.24 | Brandt Redd | Approved for Milestone 5 |
| PMP | 2014.09.24 | Kevin King | Endorsed for Milestone 5 |
| Workgroup | 2014.09.23 | Henry King | Endorsed for Milestone 5 |

Revision History

|  |  |  |
| --- | --- | --- |
| **Revision Description** | **Author/Modifier** | **Date** |
| Initial Release (DRAFT) | Sadish Ravi (Amplify) | 2014.08.12 |
| Updated Format & Added the latest results | Nidhi Paroha (Amplify) | 2014.12.11 |

## 

Table of Contents

## 

[Abstract](#h.h3pp7viay4f)

[Summary](#h.gew5jp1ekgd7)

[API Specification](#h.8zfb958f02gw)

[SSO Integration](#h.qegfcmg89lhb)

## 

## 

## Abstract

This is the API specification for Test Score Batching system, which takes XML input from a Test Integrator component and feeds the appropriate data into the Data Warehouse. This document is valid for the RFP-15 Milestone 6.

## Summary

This document outlines Test Score Batcher (TSB) API. The service integrates with the Shared Services SSO and provides an API to capture student assessment results from Test Integration System (TIS).

## API Specification

TSB provides RESTful API for TIS services to POST individual assessment results data.

List of available status codes

* *202 Accepted* - The payload was received and stored locally. No proper validation has been done and it is not an indication of a successful record ingestion.
* *401 Unauthorized* - The requesting service has not been authenticated.
* *403 Forbidden* - The requesting service has been authenticated but does not have proper rights.
* *412 Precondition failed* - The payload failed basic validation, such as xsd validation.
* *500 Internal Server Error* - The service is currently unavailable and the request needs to be repeated after a delay.

*Example: TSB Assessment Outcome POST*

POST /services/xml HTTP/1.1

Content-Type: application/xml

Authorization: Bearer 951a5d97-f3ba-4771-9499-b8dcf7add110

<TDSReport>

<Test name="(SBAC)SBAC-FT-...

</TDSReport>

Response

Status Code: 202 Accepted

## SSO Integration

TSB will support OAuth2 Implicit Grant workflow for the service clients.