



Smarter Balanced Reporting  
SmarterApp Interface Specification  
Test Score Batching

Prepared for:



by: **Amplify.**

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SmarterApp Interface Specification  
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# 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



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# Smarter Balanced Reporting SmarterApp Interface Specification Test Score Batching

## 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.