Implementation Readiness Resource List

Version History

Date	Version	Updated By	Description of Document Edit(s)
7/22/2020	1.0	Peter Flores	Implementation Readiness Resources Released

Purpose

The list of Implementation Readiness resources provides a public and centralized listing of key technical documentation to support the implementation of Smarter Balanced Assessments.

Please note that the list of resources will not perform a validation for external test delivery platforms or provide approval of implementation readiness for Smarter Balanced Assessments.

Revisions

Beginning July 1, 2020 revisions to the list of resources will be noted in the version history. Changes to existing resources will be tracked within the documents and notices of changes sent to those who opt-in for such notifications.

Implementation Readiness Resources List

Resource Item	Description
Smarter App Assessment Item Format (SAAIF) Supporting Resource(s): • Item Types and Features • Item Metadata Specifications	The *SmarterApp Assessment Item Format (SAAIF)* specification defines an XML document structure for the encoding and representation of assessment items. • *Item Types and Features* document lists how each Smarter Balanced item type is constructed. • *Item Metadata Specifications* provides the specifications for the metadata that are used within Smarter Balanced items and stimuli.
QTI Information	Smarter Balanced Items are delivered to member service providers in SAAIF. Smarter Balanced is in the process of adopting a QTI 3.0 format. IMS Global manages the standards for QTI 3.0. As of this publication date, IMS Global has not officially released the QTI 3.0 specifications. For information about those standards contact IMS Global. Draft-versions of Smarter Balanced items in QTI 3.0-format are posted on the Assessment Item Format Update page on SmarterApp.
Test Package Format 1.0	Provides the format specification of the test package delivery and guidance on loading test packages into a service provider's Test Delivery System.
Sample Test Administration Packages: • Interim Assessment Block (IAB) Package • Interim Comprehensive Assessment (ICA) Package Sample Content Packages: • Content Package	Fixed-form test administration and content packages designed to provide a comprehensive demonstration of the different item types of from each claim, for different grades. The Sample *IAB* and *ICA* Test Administration Packages contain necessary administration information. The *Sample Content Package* contains items and their associated metadata and accessibility resources for both the IAB and the ICA. The items are drawn from publicly available items. Note: Smarter Balanced Summative Assessments are Computer Adaptive Test (CAT) tests.
Item Rendering Information	*Item Rendering Information* provides a list of the items that comprise the sample test packages and links to each item as it renders in the Smarter Balanced Sample Items Website.
Accessibility Features Supporting Resource(s): • UAAG	Smarter Balanced Items require accessibility features per Member requirements. Supporting resources provided are: • *Usability, Accessibility, and Accommodations Guidelines (UAAG)* – describes the policies and recommendations for use of the Smarter

• ISAAP Accessibility Feature Codes • Illustration Glossary • UEB Braille Transition Technical Framework	Balanced universal tools, designated supports, and accommodations available for the Smarter Balanced assessments. • *Individual Student Assessment Accessibility Profile (ISAAP) Accessibility Feature Codes* - is a process and a tool that represents and facilitates a thoughtful and systematic approach to selecting resources to support student access needs on Smarter Balanced assessments. • *Illustration Glossary* - details the necessary requirements for how illustration glossary content is displayed. • *UEB Braille Technical Framework* – provides the technical information related to providing Braille content. For additional information related to specific use-cases such as Braille Transcripts for Captions and Braille HAT, please contact Smarter Balanced. Note: The Smarter Balanced Sample Items Website may also assist in providing examples of the Illustration Glossary and Item Types and Features.
Item Response Samples	*Item Response Samples* can be used to test response scoring and in rendering systems to gain insight into the format in which item responses are stored.
Item Scoring Custom Operators	*Items Scoring Custom Operators* shows how items are scored using rubrics encoded in IMS QTI Response Processing format. Custom operators describe item scoring not currently supported by QTI 2.x, such as Equations and Graphic Response items.
Test Result Transmission (TRT) File Format	*TRT File Format* describes the required specification for transmission of data to the Smarter Balanced Reporting Data Warehouse.
Test Result Data Dictionary and Logical Data Model	*Test Result Data Dictionary and Logical Data Model* defines the data elements in Smarter Balanced test results.
Federated SSO Overview	*Federated SSO Overview* describes the architectural framework for implementing a unified single sign-on with Smarter Balanced so educators can access Smarter Balanced and other resources provided by the state's service provider using the same username and password.

Smarter Balanced Test Delivery System

As of Fall 2018, the Smarter Balanced Test Delivery System (TDS) is no longer supported. The code base and documentation for the TDS is available within the Smarter Balanced GitHub repository.