



AzEDS SIS Vendor Certification Process

AzEDS Release 5.0

Date: January 16, 2019
Version 1.0

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AZEDS SIS VENDOR CERTIFICATION 5.0 PROCESS

Overview

The Student Information System (SIS) Vendor Certification process ensures that each (SIS) used by Arizona educational institutions, can submit data to Arizona Department of Education (ADE) via the AzEDS REST API 5.0.

Preparation

- Vendors will be provided with the list of resources that are part of the AzEDS REST API 5.0. Some vendors may not use all the AzEDS resources. Those vendors can mark the resources that are not applicable for them before the certification meeting. For non-applicable resources, vendors need to specify the appropriate reason.
- ADE will share the certification scenarios and data to be used in certification process with all SIS vendors prior to the meeting.
- SIS vendor should program their software with all the updates related to the AzEDS REST API 5.0 data submission prior to the meeting. The updates should cover all the resources and data elements as outlined in the latest AzEDS 5.0 use case document.

Certification Meeting

- Conducted over the course of several sessions, the certification process will test the vendors SIS ability to submit data via AzEDS REST API 5.0.
- The certification process will take place as an online meeting between appropriate ADE and vendor resources.
- Vendor will be required to create a new sandbox instance in the ADE AzEDS 5.0 sandbox environment.
- Vendor will be required to share their screen during the certification.
- Based on the certification scenarios vendors should be prepared to follow the order of the execution of the test scenarios.
- After the certification process is complete, the vendor's test database will be archived for auditing purpose, should there be a need.

Error handling during the Certification

- During the certification process, any issues that arise due to any technical reasons on the vendor side or on ADE side that cannot be resolved within a reasonable amount of time will warrant the certification meeting to be rescheduled.
- If the issue is specific to one or two resources, then ADE will do a follow up meeting.
- If there is no dependency on the resource having technical issues, the meeting and the certification process will continue.

Certification Approval

- Certification score card will be updated after each resource verification step is completed.
- Certification is only considered complete when all the applicable resources have successfully completed all the operations through AzEDS REST API 5.0 by the vendor.
- Final score card will be shared with vendor

AzEDS SIS Vendor Certification Requirement Resources

Req ID	Requirement	Rest API 5.0 Resources	Operations
1	Education Organization	LocalEducationAgencies	Read
		School	Read
2	School Calendar	Calendar	Create, Update, Delete
		CalendarDate	Create, Update, Delete
3	Course	Course	Read
4	Master Schedule	ClassPeriod	
		Session	Create, Update, Delete
		CourseOffering	Create, Update, Delete
		Location	Create, Update, Delete
5	Staff	Section	Create, Update, Delete
		Identities	Create, Search
		Staff	Create, Update, Delete
		StaffEducationorganizationAssignmentAssociations	Create, Update, Delete
6	Student	StaffSectionAssociations	Create, Update, Delete
		Identities	Create, Search
7	Student Enrollment	Student	Create, Update, Delete
		StudentSchoolAssociation	Create, Update, Delete
8	Student Demographics	StudentSectionAssociation	Create, Update, Delete
		StudentEducationOrganizationAssociations	Create, Update, Delete
9	Responsible Party	Parent	Create, Update, Delete
		StudentParentAssociations	Create, Update, Delete
10	Student Withdrawals	StudentSchoolAssociations	Create, Update, Delete
11	Student Attendance	StudentSchoolAttendanceEvents	Create, Update, Delete
12	Student Transcript	Student AcademicRecords	Create, Update, Delete
		Course Transcripts	Create, Update, Delete
13	Support Program	studentEducationOrganizationAssociations	Create, Update, Delete
		Programs	Read
		StudentProgramAssociations	Create, Update, Delete
14	ELL Student Programs	studentEducationOrganizationAssociations	Create, Update, Delete
		Programs	Read
		StudentProgramAssociations	Create, Update, Delete
15	SPED Programs	studentEducationOrganizationAssociations	Create, Update, Delete
		Programs	Read
		StudentSpecialEducationProgramAssociations	Create, Update, Delete
16	Grand Canyon Diploma	Programs	Read
		StudentProgramAssociations	Create, Update, Delete
17	Dropout Recovery Program	programs	Read
		StudentDropoutRecoveryProgramAssociations	Create, Update, Delete
		Az.StudentDdropOutRecoveryProgramMonthlyUpdates	Create, Update, Delete
		StudentProgramAssociation	Create, Update, Delete
18	21 st CCLC	Programs	Read
		Student ProgramAssociations	Create, Update, Delete
		StudentProgramAttendanceEvents	Create, Update, Delete

Useful links

Document Title	Link
AzEDS Web site	http://www.azed.gov/aelas/azeds/
USE Case 5.0	http://www.azed.gov/aelas/azeds/developers/
API Change Log	https://cms.azed.gov/home/GetDocumentFile?id=5bdb81fd1dcb2504a45d4b78
Sandbox URLs	Admin Portal: https://sandbox-rest-api-admin-r5.azeds.azed.gov/
	Swagger UI: https://sandbox-rest-ui-r5.azeds.azed.gov/
	REST API: https://sandbox-rest-api-r5.azeds.azed.gov/

Change Log

Version	Modified Date	Modified By
1.0	01/16/2019	