ADE

IT Department

AzEDS Use Case Scenarios

AzEDS Release 2.2
Version 1

(Incorporating all previous releases and versions)

RELEASE NOTES

Updated
March 30, 2016

Contents

12/08/2015 – Release 2. 2, version 1, Changes

NOTE: *With the exception of changes marked with an asterisk, these changes go into effect FY17.*

Use Case changes: Ed Org Calendar	• Removed the following element: **Grading Period** *** Effective immediately*

Use Case changes: Student	• Removed PrimaryNightTimeResidenceDescriptorID **code value 5** (Unknown) to improve accuracy in reporting
	    o Moved to Support Programs
	• Added **Parent in Military** as a new data collection for tracking students of military families
	    o Table = **edfi.StudentCharacteristicType**
	        ▪ **Code Value 8** (Parent in Military) when applicable

API Resource Change: Student	• Added **Zip Code** as a new data collection, specifically the four-digits of the nine digit code, to track students who live in organized territories.
	    o Table = **edfi.StudentZipCode**
	        ▪ Includes the following: Student Unique ID, Address Type ID, State Abbreviation, Zip Code, Begin Date, End Date (if applicable)

Use Case changes: Student Enrollment	• Added TuitionPayerDescriptorID (Tuition Payer) **code value 7** (Other State Funded Formula) for students funded through other state formula programs. • Added MembershipTypeDescriptorID **code value G** (Grand Canyon Diploma) for tracking those enrolled in the Grand Canyon Diploma program. • Removed re-enrollment code **value R7** (Student Grade Reassignment) *** Effective immediately** Effective immediately*
Use Case changes: Student Withdrawal	• Added MembershipTypeDescriptorID **code value G** (Grand Canyon Diploma) for tracking those enrolled in the Grand Canyon Diploma program • Removed re-enrollment code **value R7** (Student Grade Reassignment)

Use Case changes: Support Programs	• Removed SupportNeedDescriptorID code values as they are no longer collected:
	    o **22** (Vocational/Career)
	    o **23** (Health, Dental, Eye Care)
	    o **24** (Supporting Guidance/Advocacy)
	    o **25** (Other Support Services)
	• Removed ReasonExitedDecriptorID for creating, modifying, deleting and withdrawings students from studentProgramAssociations. This element is not collected.

Use Case Changes: Student Transcripts	• Added CourseAttemptResultTypeID **code value N/A** (Not Applicable)

API Resource & Use Case changes: Dropout Recovery	• Added API Resource: studentDropOutRecoveryProgramAssociation
	    o (follows same format as SPED Program Association)
	• Removed API Resource: **Initial Written Learning Plan**
	    o Added **Written Learning Plan Date** as a required element for studentDropOutRecoveryProgramAssociation
	• Added API resource: **StudentDropOutRecoveryProgramMonthlyUpdate** that includes the following elements:
	    o Student Unique ID

	○ Program Type ○ Program Education Organization ID and Education Organization ID ○ Program Name and Start Date ○ Revised Written Learning Plan Date ○ Month Descriptor ID ○ Satisfactory Progress • Added explanatory notes regarding DRP Learning Plans on the Note tab
Use Case Changes: General	• Removed references to previous releases from tabs and Document Map

09/02/2015 – Release 2.1.2, version 2, Changes

Use Case changes: Enrollment	• Removed EntryTypeDescriptorID (enrollment activity code) **ET** • Removed ExitWithdrawTypeDescriptorID (withdrawal activity code) **WT**

06/12/2015 – Release 2.1.2, version 1, Changes

Use Case changes: Student	• Removed 11 code values from StudentIdentificationSystemTypeID. The only remaining code value for this element is **District** • Added the following State codes: -**AA**: Armed Forces Americas (not Canada) -**MH:** Marshall Islands -**AE**: Armed Forces EU, Middle East, Africa, Canada -**MP:** Northern Mariana Islands -**AP**: Armed Forces Pacific -**PW:** Palau -**AS**: American Samoa -**TT:** Trust Territories -**FM**: Federated States of Micronesia
Use Case changes: Student Enrollment	• Added the code value **P** (Program Only) for MembershipTypeDescriptorID
Use Case changes: Student Withdrawal	• Added the code value **P** (Program Only) for MembershipTypeDescriptorID
Use Case changes: Notes	• Added EdOrg usage clarification

05/15/2015 – Release 2.1.1, version 2, Changes

Use Case Changes: General	• Modified descriptions for clarity
Use Case changes: Staff	• Removed the following elementfrom Create staff, Create LEA/School Association, GET staff, Modify Staff, Staff Removed from Section: ○ HispanicLatino • Replaced StaffUSI with StaffUniqueID in all sections
Use Case changes:	• Replaced StudentUSI with StudentUniqueID in all sections

Responsible Party	• Replaced ParentUSI with ParentUniqueID in all sections
Use Case changes: Student Enrollment	• Removed the following elements from all sections: 　　○ StudentUSI
Use Case changes: Student Withdrawal	• Replaced StudentUSI with StudentUniqueID in all sections
Use Case changes: Student Transcript	• Replaced StudentUSI with StudentUniqueID in all sections
Use Case changes: ELL	• Replaced StudentUSI with StudentUniqueID in all sections
Use Case changes: SPED	• Replaced StudentUSI with StudentUniqueID in all sections StudentUSI
Use Case changes: Support	• Replaced StudentUSI with StudentUniqueID in all sections
Use Case changes: Grand Canyon Diploma	• Replaced StudentUSI with StudentUniqueID in all sections
Use Case changes: Dropout Recovery	• Replaced StudentUSI with StudentUniqueID in all sections

03/13/2015 – Release 2.1.1, version 1, Changes

Use Case Changes: General	• Removed unused code values that are not used/collected in Arizona • Provided type and descriptor ID numbers (as stored in the database) • Indicated required (R) fields, optional (O) fields and conditional (C) fields (required for certain situations, as noted in the description field) • Provided descriptions of collected fields • Indicated EDFI required elements • Indicated previously unlabeled SAIS Transaction/Field Name(s) • Added Notes tab Note: Changes were made based on feedback in order to increase clarity and remove redundant and uncollected information. Note: All removed elements were only removed from the Use Case document. ADE does not collect that information.
Use Case changes: Educational Organization	• Removed the following element from GET LEAs, GET schools: 　　○ OperationalStatusTypeID & code values 　　○ StateOrganizationID
Use Case changes: Course	• Removed the following elements: 　　○ AcademicSubjectDescriptorID & code values

	o HighSchoolCourseRequirement o CourseGPAAplicabilityTypeID & code values o CourseDefinedByTypeID code values o TimeRequiredForCompletion

Use Case changes: Master Schedule	• Removed the following elements from Create a New Location
	    o MaximumNumberOfSeats
	    o OptimalNumberOfSeats
	• Removed the following elements from Create/Modify/Delete a Session
	    o EducationalEnvironmentTypeID & code values
	• Removed the following elements from Create/Modify/Delete a Section
	    o SequenceOfCourse
	• Removed the following elements from Create/Modify/Delete a Section
	    o SectionCharacteristicDescriptorID & code values

Use Case changes: Staff	• Removed the following elements from Create Staff, Get Staff, Modify Staff
	    o OldEthnicityTypeID
	    o HighestCompletedLevelOfEducationDescriptorID & code values
	    o YearsOfPriorProfessionalExperience
	    o YearsOfPriorTeachingExperience
	    o HighQualifiedTeacher
	• Removed the following elements from Create Staff LEA/School Assignment
	    o OrderOfAssignment
	    o EmploymentStatusDescriptorID
	    o EmploymentHireDate
	• Removed the following elements from Staff Assigned to Section & Staff Removed from Section
	    o HighlyQualifiedTeacher
	• Added the following optional element to Staff Assigned to Section & Staff Removed from Section
	    o PercentageContribution

Use Case changes: Student	• Removed the following elements from Create New Student, Modify Student
	    o MaidenName
	    o CityOfBirth
	    o EconomicDisadvanged (collected under Support)
	    o SchoolFoodServicesEligibilityDescriptorID & code values (collected under Support)
	    o LimitedEnglishProficiencyDescriptorID & code values (collected under ELL)
	    o CreateDate

Use Case changes: Parent	Changed tab name to **Responsible Party**

Use Case changes: Student Enrollment	• Removed the following elements from New Student Enrollment, Modify Enrollment, Grade Change Within the Same Year, Student not Promoted
	    o EntryGradeLevelReasonTypeID & code values
	    o RepeatGradeIndicator
	    o SchoolChoiceTransfer
	    o ResidencyStatusDescriptorID & code values
	    o PrimarySchool

	- EmployedWhileEnrolled - EducationOrganizationID - GraduationSchoolYear - Removed un-used code values for ResponsibilityDescriptorID. In Arizona, this code value is always 236 for funding (03)
Use Case changes: Student Withdrawal	- Removed the following elements from Student Withdraws Middle of the Year, Withdrawal Submitted in error, Did not attend first 10 days, Summer Withdrawal, Summer Withdrawal Submitted in error - EntryGradeLevelReasonTypeID & code values - RepeatGradeIndicator - SchoolChoiceTransfer - ResidencyStatusDesciptorID & code values - PrimarySchool - EmployedWhileEnrolled - GraduationSchoolYear - EducationOrganizationID
Use Case changes: Student Transcript	- Removed the following elements from Student Receives Credit - AttemptedCreditTypeID & code values - AttemptedCreditConversion - EarnedCreditTypeID & code values - EarnedCreditConversion
Use Case Changes: ELL	- Removed the following optional elements from Create ELL Need for Student, Modify/Add Need, Modify Need Entry Date, Delete Need - Id (uniqueidentifier) - LastModifiedDate - CreateDate - Removed un-used code values for ProgramTypeID. For ELL, this code value is always ELL - Removed unused code values for StudentNeedDescriptorID & provided numerical value (for ELL, need is always LEPS)
Use Case Changes: SPED	- Removed the following optional elements from Create Need for SPED Student, Modify/Add Need, Modify Need Entry Date or DescriptorID, Delete Need - Id (uniqueidentifier) - LastModifiedDate - CreateDate - Removed unused code values for StudentNeedDescriptorID & provided numerical value - Removed unused values for ProgramTypeID. For SPED, this code value is always SPED
Use Case Changes: Support Program	- Removed the following optional elements from Create Need for Support Program, Modify/Add NeedExitDate, Modify StudentNeedDescriptorID/EntryDate, Delete Need - Id (uniqueidentifier) - LastModifiedDate - CreateDate - Removed unused code values for StudentNeedDescriptorID & provided numerical value - Removed unused values for ProgramTypeID. For Support Program, this code value

	is always Support
Use Case Changes: Grand Canyon Diploma	• Removed un-used values for ProgramTypeID. For Grand Canyon Diploma, this code value is always 60 (GCD) • Provided ReasonExitedDescriptors o Note: Numerical code values will be added for next year. For the remainder of the current year, the "short description" is sent in the JSON

Use Case Changes: Dropout Recovery	• Removed the following optional elements from Add MonthlyProgress, Change WrittenLearningPlanDate, Modify SatisfactoryProgress, DeleteMonthlyProgress
	    o Id (uniqueidentifier)
	    o LastModifiedDate
	    o CreateDate
	• Removed unused values for ProgramTypeID. For Dropout Recovery, this code value is always DRP

02/2/2015 – Release 2.1 Changes

Use Case changes: Student Transcript	• Removed the following uncollected elements:
	    o AttemptedCreditTypeId
	    o AttemptedCreditConversion
	    o EarnedCreditTypeId
	    o EarnedCreditConversion

Use Case changes: Student Enrollment	• Added the following elements. These must be collected for adding and removing a student from a section:
	    o CourseEntryDescriptor
	    o CourseExitDescriptor

01/22/2015 – StudentNeeds/Services changes

NOTE: The changes are required for Release 2.0 vendor certification

Student Api Resource changes	• Removed the Student elements DisplacementStatus, OldEthnicity and EffectiveDate. These elements are not collected.
Common use cases for SPED, ELL, DRP, GCD, and Support Programs	• Removed the element StudentProgramAssociationService from StudentProgramAssocations. The program service codes are now formatted as part of the program name.
Common use cases for SPED, ELL, and Support Programs	• Changed the element StudentNeedEntryDate to be a primary key to allow multiple needs of the same type but different entry dates

Student Transcript use case, StudentAcademicRecord Api Resource changes	• Removed the following uncollected elements:
	o CumulativeEarnedCreditTypeId
	o CumulativeEarnedCreditConversion
	o CumulativeEarnedCredit
	o CumulativeAttemptedCreditTypeId
	o CumulativeAttemptedCreditConversion
	o CumulativeAttemptedCredit
	o CumulativeGradePointsEarned
	o CumulativeGradePointAverage
	o GradeValueQualifier
	o ProjectedGraduationDate
	o SessionEarnedCreditTypeId
	o SessionEarnedCreditConversion
	o SessionEarnedCredit
	o SessionAttemptedCreditTypeId
	o SessionAttemptedCreditConversion
	o SessionAttemptedCredit
	o SessionGradePointsEarned
	o SessionGradePointAverage
	o NbrCommunityCollegeClassMeetHSReq

11/25/2014 – Release 2.1 changes

Use cases for GCD	• Added use cases for collecting Grand Canyon Diploma information from each SIS
Use cases for DRP	• Added use cases for collecting Dropout Recovery Program information from each SIS

10/27/2014 – Release 2.0 changes

Use case changes for SPED	• In the previous version of the use case document, for SPED program we stated to POST to both studentProgramAssociations and studentSpecialEducationProgramAssociations resources. From this release onwards for SPED program it is only necessary to POST to studentSpecialEducationProgramAssociations.
	• Any SPED ServiceCodes should be set in the SpecialEducationSettingDescriptorId field of studentSpecialEducationProgramAssociations resource. There is no need to set studentProgramAssociationService for SPED.

Responsible Party reference	• In the REST API method edfi.Parents, the column named ResponsibleParty is being deprecated and will be removed in a future version. This information should instead be collected through the primaryContactStatus column of edfi.StudentParentAssociations.

10/15/2014 – Release 2 changes

Staff data Collection	In Release 1, we communicated that ADE will preload teacher information from our internal system and the SIS has to submit only support staff information. We are now requesting each SIS to submit all staff information (including teacher and support staff) using the staffs API. The steps to submit staff information is as follows: • SIS will resolve unique id of staff using identities API. The staff unique id returned from the identities API is not the same as Educator Stakeholder id, but a new staff unique id. • SIS will submit staff information along with Staff Unique id and Educator stakeholder id (if available) to staffs API • ADE will use the stakeholder id to validate against internal teacher certification data sources as part of STC rules validation
SPED column change	In the REST API method edfi.StudentSpecialEducationProgram, changed the name of column from SPEDSchoolConcurrencyIndicator to MainSPEDSchool
StudentNeed reference	StudentNeed is removed from the students root aggregate and moved as its own root aggregate. This allows the SIS to create or modify student needs independent of student information

9/18/2014 – Staff use case changes

Use case	Comment
Create Staff	Amended this use case with a note: For certified teachers the Educator StakeholderId should be sent in the StaffIdentificationCode
Create staff LEA/School Assignment	Added this new use case, because this assignment is necessary so the security framework will allow future API calls to modify staff or other staff related transactions.

9/15/2014 – Release 2 changes

Use case category	Comment
Release 2 - ELL Student Program	Added Release 2 use case category and use cases
Release 2 - SPED Program	Added Release 2 use case category and use cases
Release 2 - Support Program	Added Release 2 use case category and use cases

8/22/2014 – Use case verbiage changes

After reviewing with School Finance the following use cases verbiage changes were made to make the intent of the use case clearer.

Old Use Case Verbiage	New Use Case Verbiage
Student Withdrawal: Student registered at the school and fails to attend within 10 days	Student Withdrawal: Pre-enrolled student or existing rollover student at a school fails to attend within the first 10 days
Student Attendance: Student absent for one or consecutive days of school	Student Attendance: Student absent for partial or a full day of school. Student absent for consecutive days of school
Student Attendance: Modify student absence dates for one day or consecutive days of school	Student Attendance: Modify student absence dates for an absence record previously submitted
Student Attendance: Modify student absence reason for one day or consecutive days of school	Student Attendance: Modify student absence reason or absence amount for an absence record previously submitted

8/19/2014 - Release 1.1 Changes

Added the following new mappings for the STC uses cases

Use case	STC File FieldName	EdFi TableName	EdFi ColumnName
Create / Modify Section	LowGrade	SectionGradeLevel	GradeLevelDescriptorId
Create / Modify Section	HighGrade	SectionGradeLevel	GradeLevelDescriptorId
Create / Modify Section	DualCredit	SectionCourseCharacteristic	CourseLevelCharacteristicTypeId
Create / Modify	Concurrent	SectionCourseCharacteristic	CourseLevelCharacteristicTypeId

Section			
Create / Modify Section	CourseLevel	SectionCourseCharacteristic	CourseLevelCharacteristicTypeId
Create / Modify Section	Certificate	SectionCourseCharacteristic	CourseLevelCharacteristicTypeId
Create / Modify Section	GradRequirement	SectionCourseCharacteristic	CourseLevelCharacteristicTypeId
Student Section Assignment	DualCredit	StudentSectionAssociation	DualCredit
Student Transcript	CreditsEarned	CourseTranscript	EarnedCredit
Student Transcript	GradeMark	CourseTranscript	FinalNumericGradeEarned