Beable Rostering and Single sign-on Policy

Rostering

Beable's platform seamlessly integrates with multiple rostering mechanisms, including OneRoster (both CSV files and APIs), Classlink, Canvas, and Clever. We also support Manual Rostering as an option for customers who prefer to send roster file exports for direct import into our system.

These versatile integration options enable customers to import and synchronize their class rosters from various external systems and sources.

Single sign-on

Beable's platform enables seamless and secure access to our learning resources by supporting various technologies for single sign-on.

These include Azure Active Directory, Canvas, Clever, Classlink, HelloID, OAuth2, and SAML.

These technologies allow users to log in with their existing credentials from other platforms or services.

Roster Data and the OneRoster Specification

PII is collected for the purpose of providing students with access to the system, and teachers with the ability to monitor their students' progress.

PII is encrypted in transit and at rest and is protected through administrative, technical and physical safeguards, consistent with FERPA, COPPA, PPRA and SOPIPA.

Data we collect via rostering follows the OneRoster specification:
http://www.imsglobal.org/oneroster-v11-final-specification.

The section about users shows the data we would collect for students:
http://www.imsglobal.org/oneroster-v11-final-specification#_Toc480452019

The following are OneRoster data fields Beable accepts:

Table / Entity	Field (One Roster)	Rationale (How will this data be used)	Required

Academic Session	sourcedId	Unique id	Yes
	title	Name or title of the academic session	Yes
	type	Type of session	Yes
	startDate	Inclusive start date for the academic session	Yes
	endDate	Exclusive end date for the academic session	Yes
	parentSourcedId	SourcedId of the parent of this academic session.	No
	schoolYear	The school year for which the academic session contributes. This year should be that in which the school year ends.	Yes
Class	sourcedId	Unique id	Yes
	title	Name of this class.	Yes
	grades	Grade(s) for which the class is attended. Beable requires grades for assignment of content; If grades are not provided a class grade will be derived based on student enrollments	No
	courseSourcedId	SourcedId of the course of which this class is an instance.	Yes
	classCode	Human readable code used to help identify this class.	No
	classType	schedued or homeroom class	Yes
	location	Human readable description of where the class is physically located.	No
	schoolSourcedId	SourcedId of the Org that teaches this class of OrgType "school".	Yes

	termSourcedIds	SourcedId of the terms (the academicSessions) in which the class is taught.	Yes
	subjects	Subject name(s) in human readable form.	No
	subjectCodes	Subject codes(s) in machine readable form	No
	periods	The time slots in the day that the class will be given.	No
Course	sourcedId	Unique id	Yes
	schoolYearSourcedId	SourcedId of an AcademicSession with type of "schoolYear".	No
	title	Name of the course.	Yes
	courseCode	Human readable course code.	No
	grades	Grade(s) for which the class is attended. Beable requires grades for assignment of content; If grades are not provided a class grade will be derived based on student enrollments	No
	orgSourcedId	SourcedId of an org to which this course belongs.	Yes
	subjects	Subject name(s) in human readable form.	No
	subjectCodes	Subject codes(s) in machine readable form.	No
Demographics	sourcedId	Unique id	Yes (if demographics supplied)
Optional	birthDate	The date of birth.	No
	sex	See section 4.13.2 [OneRoster, 20a]	No

	americanIndianOrAlaskaNative	true/false	No
	asian	true/false	No
	blackOrAfricanAmerican	true/false	No
	nativeHawaiianOrOtherPacificIslander	true/false	No
	white	true/false	No
	demographicRaceTwoOrMoreRaces	true/false	No
	hispanicOrLatinoEthnicity	true/false	No
	countryOfBirthCode	Country where the user was born.	No
	stateOfBirthAbbreviation	State where the user was born.	No
	cityOfBirth	City where the user was born.	No
	publicSchoolResidenceStatus	An indication of the location of the users legal residence relative to (within or outside) the boundaries of the public school attended and its administrative unit.	No
Enrollment	sourcedId	Unique id	Yes
	classSourcedId	SourcedId of the Class.	Yes
	schoolSourcedId	SourcedId of an Org with type 'school'.	Yes
	userSourcedId	SourcedId of the User.	Yes
	role	teacher/student	Yes
	primary	true/false	No

	beginDate	The start date for the enrollment	No
	endDate	The end date for the enrollment (exclusive)	No
Organization	sourcedId	Unique id	Yes
	name	Name of the organization.	Yes
	type	See section 4.13.4 [OneRoster, 20a] for the enumeration list.	Yes
	identifier	NCES ID National Center for Education Statistics) for the school/district.	No
	parentSourcedId	SourcedId of an Org representing the Parent organization.	No
User	sourcedId	Unique id	Yes
	orgSourcedIds	SourcedIds of the Orgs to which this user belongs.	Yes
	role	See section 4.13.5 [OneRoster, 20a] for the full enumeration list.	Yes
	username	User name. Beable expects usernames to be unique within a tenant	Yes
	userIds	External machine-readable ID (e.g. LDAP id, LTI id) for this user	No
	givenName	User's first name.	Yes
	familyName	User's surname.	Yes
	middleName	User's middle name	No
	identifier	Identifier for the user with a human readable meaning.	No
	email	Email address for the User. While not required, preferred for teachers for application communication	No

	sms	SMS address for the User.	No
	phone	Phone number for the User.	No
	agentSourcedIds	SourcedIds of the Users to which this user has a relationship.	No
	grades	Grade(s) for which a user with role 'student' is enrolled. If this is not provided Beable will attempt to infer grades from enrollments	No
	password	The password for the user. Not used for customers using single sign-on. If passwords are provided, they are stored as a bcrypted hash.	No