

Canvas Permission	Data Integration	User Integration	Use Case
Account-level settings - manage	R		Enable CES to access the Canvas sub-accounts where courses reside. If CES cannot access the Canvas sub-account then the course(s) cannot be imported via the integration.
Conversations - send messages to entire class		O	Enables CES to send project Communications to the enrolled instructor's and/or student's Canvas Inboxes
Conversations - send messages to individual course members		O	Enables CES to send project Communications to the enrolled instructor's and/or student's Canvas Inboxes
Course Calendar - add / edit / delete events		O	Allows a CES link to appear on the Canvas Calendar
Course Content - view	R		Enables course data set to be re-synced from Canvas to CES.
Courses - view list	R		Enables CES to get course specific data.
Developer Keys - Manage		O	Enables ability to add Canvas widgets with CES information.
Grades - edit	O		Enables CES admins and/or instructors to add gradebooks points. For more on this feature see "Canvas Grade Blocking and Gradebook".
Grades - select final grade for moderation	O		Enables CES admins and/or instructors to add gradebooks points. For more on this feature see "Canvas Grade Blocking and Gradebook".
Grades - view audit trail	O		Enables CES admins and/or instructors to add gradebooks points. For more on this feature see "Canvas Grade Blocking and Gradebook".
Groups - view all student groups	O		Enables import of student Groups that are set up in the Canvas course and allows CES to import as separate course sections.
Manage Assignments and Quizzes	O		Enables CES admins and/or instructors to add gradebook points. For more on this feature see "Canvas Grade Blocking and Gradebook" article in Help Center.
Manage LTI		R	Enables CES to create LTI external tools in Canvas.
Permissions - manage	O		If enabled, allows CES to query Canvas Custom roles and maps Canvas custom roles to CES during import.
SIS Data - read	R		Enables CES to get course specific data.
Statistics - view	R		Enables CES to get course specific data.
Users - Students		R*	* Required for the Canvas role assigned to the access token Admin if a CES account is integrated with a Canvas sub-account. If a CES account is integrated with the Canvas root account then the user email address will be imported with the user, even when disabled.
Users - Teachers		R*	* Required for the Canvas role assigned to the access token Admin if a CES account is integrated with a Canvas sub-account. If a CES account is integrated with the Canvas root account then the user email address will be imported with the user, even when disabled.
Users - view list	R		Enables CES to get user and course enrollment data.
Users - view login IDs	R		Enables CES to get user login usernames.
Users - view primary email address	R		Enables CES to get user's primary email address.