Canvas Permission	Data Integration	User Integration	Use Case
Account level settings – manage	R		Enables 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.
Assignments and Quizzes – add / edit / delete	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.
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 gradebook points. For more on this feature see "Canvas Grade Blocking and Gradebook" article in Help Center.
Grades – select final grade for moderation	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.
Grades – view audit trail	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.
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 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 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 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.