Enhancements in Aras Innovator 12.0 SP16

Ability to edit items directly in main search grids

- Items can now be edited directly in main search grids, without opening the item form. All property types are supported for editing, and multiple items within a search grid can be put into edit mode at once. Completing the edit of a row, using the Done command, is limited to one row at a time in order to reduce the chance of transaction conflicts if errors occur. The ability to edit in grid is enabled on a per-ItemType basis, using the new "Edit in Search Grid" tab in World Preferences, and is off by default.

New client events on properties, independent of edit location

- New Events capability supports client-side business logic for editing an item regardless of the editing location, including the new ability to edit from main search grids.   Both Validate and Change events are supported. If you have logic implemented in forms, for example to check data entry to make sure it's following certain rules, you can assign these same events to the property in the grid.

Aras Innovator Container Deployment Enhancements

- Aras Update now has utilities for migrating database and vault files from an on-premises or Virtual Machine based installation into Azure SQL DB and Azure Blob Storage for Aras Innovator Container Deployment.

- Windows containers can now be directly built in the Azure Container Registry as opposed to using Docker on a local machine.

1.1.1 Issues Fixed in Aras Innovator 12.0 SP16

Table 1:   Framework

Issue #	Description
F-001960	Items can now be edited directly in main search grids, when enabled, on a per-ItemType basis.
F-003070	New client-side events capability, including Change and Validate events, which are triggered when the data store is updated from any editing location (ex: form, relationship grid, main search grid)
F-003569	Created new CUI commands for common actions like Claim, Unclaim, Edit, Save, and Open.
I-026767	Corrected an issue in which, when a file was added to an Item in the Files Relationship Tab, the Viewer Icon/Tab was not immediately displayed in the sidebar.
I-027869	Fixed an issue where the results from the execution of a MAC Derived Attributes Query Definition was not shown.

Issue #	Description
I-028577	Fixed an issue in which a method triggered for a cell in a relationship grid would be incorrectly applied to all cells of that type instead of just the target cell.
I-028815	Fixed an issue in which there would be no Unsaved Changes dialog when closing an Item tab if an Item in the relationship was deleted.
I-029261	Addressed an issue in the Technical Document Editor that allowed a document in side-by-side mode to be edited, even though the document was not in edit mode.

Table 2: Container Deployment

Issue #	Description
F-002963	Provided the ability for Aras Update to run scripts to export a SQL Server DB to bacpac for import into an Azure SQL DB.
F-003006	Created the ability for Aras Update to run Vault migration scripts to transfer on-premises vault files to Azure Blob Storage blobs (files).
I-022737, I-029638	Office connector corrected to address the issue where "Open from Aras" does not work with AICD.
I-025601	The TLS import script was updated to address an uninformative error which was displayed to the user when importing an invalid TLS certificate to the AKS cluster.
I-028762, I-028609, 090016	AICD deployment configuration fixed to allow client functionality based on the IOM library, such as the Package Import Export Utilities or Aras Office Connector, to correctly work with Windows 8.1 machines.
I-029046	The Vault Migration Utility was corrected to address an issue in which the Vault Migration Utility would stop responding during the migration of a large on-premises vault to Azure.
I-029321, 090864	The Container image build script has been adjusted to address a problem in the Conversion Server Linux image build script in the Docker Image Builder Aras Update package which would cause the tool to look for the Linux version of the Conversion Server in the code tree instead of in the Aras Update Package. This fix prevents the image from becoming unusable.

Issue #	Description
I-029395	The Docker Image build package was updated to address a situation in which the Docker Image build from Aras Update might feeze.
I-029458	AICD deployment configuration has been updated to correct an issue in which the AICD instance deployment process would fail if the Azure policy was configured to require HTTPS connection to the AKS cluster. The configuration will now allow the corresponding Azure policy as expected.