aras INNOVATOR® VERSION 9.3.0 SP6

Aras Innovator 9.3.0 SP6 is a patch release. Its primary objective is to introduce the Japanese language option into the installer. Its secondary objective is to introduce the IOME.CheckinManager API.

- **Enhancements in 9.3.0 SP6**

  - Introduced the Japanese language option in the installer.
  - Introduced a mechanism for passing information from the onBefore to the onAfter event handler in server side Methods.
  - Created the IOME.CheckinManager for multi-threaded, asynchronous, structured file upload with conflict detection support.
  - Introduced logic for preserving cookies in requests from managed code to better support reverse proxies.
  - Introduced support for AML compression in IOM.HttpServerConnection class.
  - Improved performance of Save operation in Aras Innovator client.

- **Affected Versions**

  Aras Innovator 9.3.0
  Aras Innovator 9.3.0 SP1
  Aras Innovator 9.3.0 SP2
  Aras Innovator 9.3.0 SP3
  Aras Innovator 9.3.0 SP4
  Aras Innovator 9.3.0 SP5

- **Issues Fixed in 9.3.0 SP6**

  Framework

Required	Issue #	Description
Yes	006992	Introduced a mechanism of passing data between event handlers inside a single AML request. The introduced mechanism ensured that any event handler was able to add\modify\read the data. The introduced mechanism also ensured that the data was automatically discarded at the end of the request. Typically, the implemented mechanism was used to pass data between onBefore and onAfter event handlers.
Yes	013047, 019050	Fixed Simple Search in the relationship grid to allow searches on the first column in the grid. Typically the first column in a relationship grid represents "Locked By" property of the related Item.
Yes	016140	Created IOME.CheckinManager - incorporated multi-threaded, asynchronous, structured file upload and conflict detection capabilities into the API.
Yes	017880	Introduced support for the MHTML format in the report query for Reporting Services Report Items. (Parameter rs:Format=MHTML)
Yes	018037, 019217, 019809	Corrected the fixed/float behavior of a Property of type Item on an ItemType with is_relationship=1 to ensure the behavior flag specified on the Property definition will be obeyed as specified.
Yes	018283	Improved performance of Save operation in Aras Innovator client. The client mechanism responsible for update and synchronization of Aras Innovator client windows was made more efficient and robust.
Yes	019139	Introduced support for searching based on a Property of type Foreign in all standard search modes.
Yes	019246	Fixed issue that can occur when opening the search dialog on a Form for a property that references the ItemType "ItemType".
Yes	019277	New onChange event is introduced for a text field inside a toolbar.

Yes	019304	Introduced support for AML compression in IOM.HttpServerConnection class to improve performance of AML transfer.
Yes	019305	Included the Japanese language option in the installer
Yes	019476, 019547	Fixed an error that happened when the Relationship Tab fails to display the Form view after opening the Item window from the context of another Item window in Internet Explorer 9.
Yes	019539	Introduced support for recursive foreign properties.
Yes	019665, 019923, 019460, 020284	Restored Path property value in the context of the on_vote event. Added a new mechanism for obtaining all voting paths, if there was a vote of multiple paths.
Yes	020064	Introduced the logic in the client code that prevents the loss of the cookies attached to the requests to the server made from the managed code. This was necessary in order to support secure reverse proxies, VPN solutions, firewalls and portals.

Yes	020090	Enabled filters for inner tags or attributes in a Configurable Grid definition.
		For example:
		`Relationships/Item[@type="MyRelationship"]`
		`[propofrelationship="123"]/related_id/Item`
		`[@type="MyRelated"][name="myname"]`

Yes	020237	Modified TreeGridContainer control to prevent performance detonation when a significant number of rows was added via AddXmlRow into the grid
Yes	020394	Improved COM accessibility of IOM.WinAuthHttpServerConnection class
Yes	019791	Fixed error that could prevent the Batch Loader GUI from validating the AML used to vault a File.