

aras INNOVATOR® VERSION 9.1.0 SP5

Aras Innovator 9.1.0 SP5 is a patch release that contains fixes for both core and solutions in the code tree, but only core database fixes. Its primary objective is to introduce client enhancements in performance and platform support. Its secondary objective is to introduce security enhancements.

- **Enhancements in 9.1.0 SP5**

- Performance has been enhanced by using the Internet Explorer cache to store static content. This feature will have the greatest benefit to WANs with high latency issues, and is controlled on the server. This does not require configuration or setup of the end user's computer.
- Security feature is introduced allowing administrators to limit the execution of a method to users who are members of a particular identity.
- Security feature introduced that restricts the accessing of files directly in the vault server without authentication and proper permission.
- Security feature introduced to improve detection and prevention of SQL injections.
- Support for Internet Explorer 8 introduced.

- **Affected Versions**

Aras Innovator 9.1.0
 Aras Innovator 9.1.0 SP1
 Aras Innovator 9.1.0 SP2
 Aras Innovator 9.1.0 SP3
 Aras Innovator 9.1.0 SP4

- **Issues Fixed in 9.1.0 SP5**

Framework

| Required | Issue # | Description |
|----------|---|--|
| Yes | 010445 | Vault security enhanced to allow authentication information be required to access files directly from the vault. This authentication will be used to check permissions when directly accessing the file in the vault. |
| Yes | 010551, 011595, 011273, 012054 | Vulnerabilities addressed to improve detection and prevention of malicious SQL injections. |
| Yes | 011069 | Search functionality in relationship grids enhanced to improve searching of properties with a data source of a polyitem ItemType. |
| Yes | 011269 | InBasket improved to display Identity from the Workflow Activity Assignment, Identity From the Project Activity2 leader, Identity From the Project Activity2_Assignment, or Identity from the FEMA Action. Depending on the inbasket Item. |
| Yes | 011466 | Fixed errors in Sort Across Pages functionality. |
| Yes | 011647 | SharePoint integration enhanced to obfuscate password on dedicated user. |
| Yes | 011671 | InBasket fixed to prevent errors when opening repeated modal dialogs. |
| Yes | 011770, 011993, 012039, 012155 | Fixed errors in search features. |
| Yes | 011801 | Installer error when installing web services feature in IIS7 fixed. |

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| Yes | 011939 | TOC font set to fixed upper limit to prevent errors when client font is larger than 12. |
| Yes | 011962 | Fixed errors in editing classification. |
| Yes | 012080, 012081 | Eliminated unnecessary AML calls to improve WAN performance with high latency problems. |
| Yes | 012106 | Introduced the ability to share a Saved Search with a group Identity by setting owned_by_id to the group Identity. |
| Yes | 012147 | Introduced standard mechanism that will allow SharePoint documents to be referenced as an Item. |
| Yes | 012190 | Errors in Delegate functionality of Workflow Activities fixed. |
| Yes | 012412 | Duplicate call during onSearchDialog event eliminated. |
| Yes | 012432 | Workflow History Report dialog fixed. |
| Yes | 012515 | Error in polyitem code fixed to allow UI access to poly source Item and not polyitem itself when following links to Items through relationships or Item Properties. |
| Yes | 012557 | Aras Innovator login page enhanced to spawn a new Internet Explorer process during login, and not reuse exiting iexplore.exe processes. This enhancement is not compatible with the Internet Explorer 8 "Recover last session" feature, as the client is not loaded through the default access page. |
| Yes | 012580 | Failure to execute a onAfterCopy event fixed. |
| Yes | 012730 | Introduced standard Windows Authentication to the /Server/SharePoint/ web folder installed into IIS |
| Yes | 012764 | External web pages accessed through Aras Innovator must prevent caching in the client Internet Explorer. Reporting Services access has been handled through the introduction of the META tag <META HTTP-EQUIV="Expires" CONTENT="-1"> http://support.microsoft.com/default.aspx?scid=kb;EN-US;Q234067 |

Program Management

| Required | Issue # | Description |
|----------|---------|--|
| Yes | 011515 | Localization support for XML resources in Program Management solution enhanced |

Tools and Utilities

| Required | Issue # | Description |
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| No | 012116, 012248 | Support for Multi-Value list properties and fields enhanced. |