

Aras DevOps 1.3

Release Notes

Document #: D-008951

Last Modified: 2/21/2024

Copyright Information

Copyright © 2024 Aras Corporation. All Rights Reserved.

Aras Corporation
100 Brickstone Square
Suite 100
Andover, MA 01810
Phone: 978-806-9400

E-mail: support@aras.com

Website: <https://www.aras.com>

Notice of Rights

Copyright © 2024 by Aras Corporation and/or its affiliates. All rights reserved.

This document is protected by U.S. and international copyright laws and conventions. No copyright may be obscured or removed from this document. This document may not be modified or altered, or reproduced or transmitted in any form, without the explicit permission of the copyright holder.

Aras Innovator, Aras, and the Aras Corp "A" logo are registered trademarks of Aras Corporation in the United States and other countries.

All other trademarks referenced herein are the property of their respective owners.

Notice of Liability

THIS DOCUMENT IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY, AND THE CONTENTS HEREOF ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE INFORMATION CONTAINED IN THIS DOCUMENT IS DISTRIBUTED ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR A WARRANTY OF NON-INFRINGEMENT. ARAS SHALL HAVE NO LIABILITY TO ANY PERSON OR ENTITY WITH RESPECT TO ANY LOSS OR DAMAGE CAUSED OR ALLEGED TO BE CAUSED DIRECTLY OR INDIRECTLY BY THE INFORMATION CONTAINED IN THIS DOCUMENT OR BY THE SOFTWARE OR HARDWARE PRODUCTS DESCRIBED HEREIN.

Table of Contents

- Send Us Your Comments 4**
- 1 Platform Support Matrix 5**
- 2 Key Enhancements, Fixed Issues, and Known Issues 6**
 - 2.1 Key Enhancements in Aras DevOps Release 1.3 6
 - 2.1.1 *Introduce Support for Aras Innovator Release 30..... 6*
 - 2.1.2 *Deploying Delta of AML Packages..... 6*
 - 2.1.3 *Support for Vault Replication for Containerized Deployment..... 6*
 - 2.1.4 *Manage Environment Specific Variables and Secrets 6*
 - 2.2 Fixed Issues in Aras DevOps Release 1.3 6
 - 2.3 Known Issues in Aras DevOps Release 1.3 7



Send Us Your Comments

Aras Corporation welcomes your comments and suggestions on the quality and usefulness of this document. Your input is an important part of the information used for future revisions.

- Did you find any errors?
- Is the information clearly presented?
- Do you need more information? If so, where and what level of detail?
- Are the examples correct? Do you need more examples?
- What features did you like most?

If you find any errors or have any other suggestions for improvement, indicate the document title, and the chapter, section, and page number (if available).

You can send comments to us in the following ways:

Email:

TechDocs@aras.com

Subject: Aras Product Documentation

Or,

Postal service:

Aras Corporation
100 Brickstone Square
Suite 100
Andover, MA 01810
Attention: Aras Technical Documentation

If you would like a reply, provide your name, email address, address, and telephone number.

If you have usage issues with the software, visit <https://www.aras.com/support/>.

1 Platform Support Matrix

For the software required for the Aras DevOps Release 1.3:

Component	Release
Aras Innovator MSI Deployment	Release 17
	Release 20
	Release 21
	Release 23
	Release 24
	Release 25
	Release 26
	Release 27
	Release 28
	Release 29
	Release 30
Aras Innovator AICD Deployment	Release 27
	Release 28
	Release 29
	Release 30

2 Key Enhancements, Fixed Issues, and Known Issues

2.1 Key Enhancements in Aras DevOps Release 1.3

2.1.1 Introduce Support for Aras Innovator Release 30

This release of Aras DevOps introduces support for Aras Innovator release 30.

2.1.2 Deploying Delta of AML Packages

This release of Aras DevOps introduces a Delta Extraction Tool that is enabled by default for new repositories. Customers will streamline continuous integration pipelines by applying the actual modified part of AML Packages as opposed to the whole exported item. It will only modify the changes carried over by the CI pipeline in the target database instance.

2.1.3 Support for Vault Replication for Containerized Deployment

This feature is available only for Aras Enterprise SaaS customers working with containerized deployments.

This release of Aras Build and Deployment Service introduces support for enabling vault replication. Pipelines will deploy the necessary components needed to enable vault replication on all clusters. Customers will be able to replicate vaulted files across multiple vault servers which enables users to retrieve files from their local vault or from another vault in an order of preference (if a copy exists), rather than retrieving the file from the original vault.

2.1.4 Manage Environment Specific Variables and Secrets

This feature is available only for Aras Enterprise SaaS customers working with containerized deployments.

This functionality enables customers to deploy Aras Innovator instances from one single Git branch to different environments (System Integration Testing, User Acceptance Testing, Production) and introduce variability in the configuration. The configuration transformations use variables instead of fixed values. Customizable Azure DevOps variable groups define variable values.

Introducing this feature enables customers to manage variability in Aras Innovator configuration files on different environments without having to manage separate branches for each environment.

2.2 Fixed Issues in Aras DevOps Release 1.3

Issue #	Description
F-006460	Introduce support for vault replication. This feature is available only for Aras Enterprise SaaS customers working with containerized deployments.
F-006921	This feature enables customers to manage variability in Aras Innovator configuration files on different environments without having to manage separate branches for each environment. This feature is available only for Aras Enterprise SaaS customers working with containerized deployments.

Issue #	Description
F-007820	This release of Aras DevOps introduces a Delta Extraction Tool that is enabled by default for new repositories.
F-008038	Introduce support for Aras Innovator release 30.
I-058183	Access is no longer denied when recycling the IIS application pool on SIT.
I-060598	Aras Innovator Release 27 introduced new functionalities that require feature licenses to be enabled when executing database patches. The ContinuousIntegration pipeline has been adjusted to change the deployment sequence. The process now imports feature licenses before applying database patches.
I-060766	The Continuous Integration pipeline has been fixed for all related resources to be properly removed during the cleanup stage.

2.3 Known Issues in Aras DevOps Release 1.3

Issue #	Description	Workaround
I-058395	In the Local Development Environment, the BuildAndDeploy.ps1 fails on the install step of Visual Studio 2022 Build Tools when there is a pre-existing installation of Visual Studio Build Tools.	<ol style="list-style-type: none"> 1. Uninstall Visual Studio Installer and all build tools with their dependencies. <ul style="list-style-type: none"> > choco uninstall visualstudio2019-workload-webbuildtools > choco uninstall visualstudio2019-workload-databuildtools > choco uninstall visualstudio2019buildtools > choco uninstall visualstudio2022buildtools > choco uninstall visualstudio-installer 2. Reset Powershell session. 3. Run the script again and let the tool install everything it needs: Import-Module Aras.DevOps Install-BuildMachinePrerequisites -InnovatorVersion <version> 4. In case the problem is not resolved by following the steps above, or the choco packages are not installed in the first place, download visual studio installer (if not already installed) and perform the following steps:



Issue #	Description	Workaround
		<ul style="list-style-type: none"> a. Open Visual Studio Installer, for both 2022 and 2019 versions, export the configuration separately to dedicated files. The export option is under the More button. These files will be modified and re-imported. b. Open a Powershell terminal and run> explorer (join-Path (Get-Module Aras.DevOps).Path "\..\resources") c. For reference, open vsbuildtools2019.vsconfig file in your text editor. DO NOT Modify the file. Edit the 2019 configuration exported in step 4 a, to remove all components listed in the vsconfig file. d. Import 2019 configuration back into the Visual Studio Installer, by clicking on "More" and selecting "Import configuration." e. Perform steps 3 & 4 for the 2022 version of visual studio, using vsbuildtools2022.vsconfig file. <p>Note: If only one of the two versions above exists, perform the steps only for that version.</p>
I-058883	<p>In the Local Development Environment, ContinuousIntegration.ps1 fails if using Aras Innovator Container Deployment in Aras Enterprise and displays the following error: <The sp_configure value "contained database authentication" must be set to 1 in order to restore a contained database. You may need to "RECONFIGURE" to set the value_in_use. RESTORE DATABASE is terminating abnormally></p>	<p>In the SQL Server on the local machine, enable the contained database authentication option. The option can be enabled by two ways:</p> <ol style="list-style-type: none"> 1. Follow steps in: https://learn.microsoft.com/en-us/sql/database-engine/configure-windows/contained-database-authentication-server-configuration-option?view=sql-server-ver16 2. Configure the option using SQL Server Management Studio properties



Issue #	Description	Workaround
I-059096	<p>When deploying on a local machine, users may see an error message directly from SQL Server that the password validation failed. The error message may look like: "System.Data.SqlClient.SqlException: Password validation failed. The password does not meet the operating system policy requirements because it's too short"</p>	<p>Deployment of Aras Innovator on a user's machine relies on local SQL Server that defines policies for SQL user passwords.</p> <p>Aras uses 2 SQL users named "innovator" and "innovator_regular". Passwords used during deployment are defined in Machine.Settings.include</p> <p>Make sure that both users can log into SQL Server using defined password before launching new deployment.</p>
I-059899	<p>When an existing project moves to a container-based deployment, it is possible that the initial repository contains some modified configuration files. In this case, the deployment will not be successful.</p>	<p>A customer repository should not contain any configuration files.</p> <p>The modifications to configuration files that might be required in the context of a project needs be described using Config Transformations feature available with the service.</p>