

# **Aras DevOps 1.3.1**

## **Release Notes**

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# 1 Platform Support Matrix

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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 1.3.1

#### 2.1.1 Configuring SSO Using Certificates

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

Single Sign-on using Certificates can now be configured as authentication to connect to Aras Innovator. Certificates and secrets can be securely managed outside of the project Git repository.

### 2.2 Fixed Issues in Aras DevOps Release 1.3.1

| Issue #  | Description   |
|----------|---|
| F-008538 | Single Sign-on using Certificates can now be configured as authentication to connect to Aras Innovator. Certificates and secrets can be securely managed outside of the project Git repository. |

### 2.3 Known Issues in Aras DevOps Release 1.3.1

| 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"> <li>Uninstall Visual Studio Installer and all build tools with their dependencies. <ul style="list-style-type: none"> <li>&gt; choco uninstall visualstudio2019-workload-webbuildtools</li> <li>&gt; choco uninstall visualstudio2019-workload-databuildtools</li> <li>&gt; choco uninstall visualstudio2019buildtools</li> <li>&gt; choco uninstall visualstudio2022buildtools</li> <li>&gt; choco uninstall visualstudio-installer</li> </ul> </li> <li>Reset Powershell session.</li> <li>Run the script again and let the tool install everything it needs: <pre>Import-Module Aras.DevOps Install-BuildMachinePrerequisites -InnovatorVersion &lt;version&gt;</pre> </li> </ol> |

| Issue #  | Description  | Workaround   |
|----------|--|--|
|          |  | <p>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:</p> <ol style="list-style-type: none"> <li>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.</li> <li>b. Open a Powershell terminal and run&gt; explorer (join-Path (Get-Module Aras.DevOps).Path "\.resources")</li> <li>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.</li> <li>d. Import 2019 configuration back into the Visual Studio Installer, by clicking on "More" and selecting "Import configuration."</li> <li>e. Perform steps 3 &amp; 4 for the 2022 version of visual studio, using vsbuildtools2022.vsconfig file.</li> </ol> <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: &lt;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&gt;</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"> <li>1. Follow steps in: <a href="https://learn.microsoft.com/en-us/sql/database-engine/configure-">https://learn.microsoft.com/en-us/sql/database-engine/configure-</a></li> </ol>   |



| Issue #  | Description  | Workaround   |
|----------|--|--|
|          |  | <p><a href="#">windows/contained-database-authentication-server-configuration-option?view=sql-server-ver16</a></p> <p>2. Configure the option using SQL Server Management Studio properties</p>  |
| 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>  |
| I-066524 | <p>Binary certificate files (e.g. PFX certificates) cannot be deployed using Secure Files mechanism as part of Build and Deployment Service.</p>   | <p>Use nonbinary cer and pem files as SigningCertificate for SAML2 SSO.</p>  |