

# **Aras DevOps 1.7**

## **Release Notes**

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# 1 Platform Support Matrix

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For the software required for the Aras DevOps Release 1.7:

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
	Release 31
Release 32	
Aras Innovator AICD Deployment	Release 27
	Release 28
	Release 29
	Release 30
	Release 31
	Release 32

## 2 Key Enhancements, Fixed Issues, and Known Issues

### 2.1 Key Enhancements in Aras DevOps Release 1.7

#### 2.1.1 Support for Aras Innovator 33

This release of Aras DevOps introduces support for Aras Innovator 33.

### 2.2 Fixed Issues in Aras DevOps Release 1.7

Issue #	Description
F-008554	Introduce support for Aras Innovator release 33.
I-049972	The README.md displayed on the main page of the solution repository has been updated to include references to the Aras DevOps User Guide.
I-058903	The option to remove conversion server from deployment has been removed from all pipelines and is no longer available from Azure DevOps UI.
I-065566	Warnings generated by the Azure Container Registry build, which previously caused errors in the main Continuous Integration pipeline, have now been addressed. Proper warnings are logged, ensuring that the CI pipeline does not fail.
I-066418	Committing the jsBundles folder as CodeTree customization is not recommended. However, for specific applications like Aras Reporting Service, committing changes to this folder in the repository is necessary. As a result of this fix, the jsBundles folder can now be updated using Aras DevOps.
I-067635	BuildAndDeploy.ps1 has been fixed to not fail with error about expired session when idle timeout is enabled in Aras Innovator settings.
I-067724	Unnecessary warnings are no longer displayed in the CI pipeline logs, resulting in a clearer and more focused output.
I-069157	Aras Innovator Instance name (ARAS_INNOVATOR_INSTANCE_NAME variable) can now be utilized in config transformations
I-069603	Starting with release 1.7, delta deployment now successfully functions for Aras Innovator instances that were deployed using release 1.7 and utilize environment-specific configuration features.

### 2.3 Known Issues in Aras DevOps Release 1.7

Issue #	Description	Workaround
I-050998	When a user executes The Get-ArasDevopsPackagesList of the Powershell module, only the latest versions are displayed for IOM and InnovatorConfigs.	The commandlet was originally created due to nuget.exe failure to display upstream package versions when listing.

Issue #	Description	Workaround
	It should display this package's latest version of the current Innovator version.	Standard Find-Package is capable of properly listing packages and this commandlet is not needed anymore. Get-ArasDevopsPackagesList command is therefore obsolete and will be deprecated.
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>1. 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>2. Reset Powershell session.</li> <li>3. 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> <li>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: <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> </ol> </li> </ol>



Issue #	Description	Workaround
		<p>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.</p> <p>d. Import 2019 configuration back into the Visual Studio Installer, by clicking on "More" and selecting "Import configuration."</p> <p>e. Perform steps 3 &amp; 4 for the 2022 version of visual studio, using vsbuildtools2022.vsconfig file.</p> <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-windows/contained-database-authentication-server-configuration-option?view=sql-server-ver16">https://learn.microsoft.com/en-us/sql/database-engine/configure-windows/contained-database-authentication-server-configuration-option?view=sql-server-ver16</a></li> <li>2. Configure the option using SQL Server Management Studio properties</li> </ol>
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. Aras uses 2 SQL users named "innovator" and "innovator_regular". Passwords used during deployment are defined in Machine.Settings.include Make sure that both users can log into SQL Server using defined password before launching new deployment.</p>



Issue #	Description	Workaround
I-059899	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.	A customer repository should not contain any configuration files. 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.
I-066524	Binary certificate files (e.g. PFX certificates) cannot be deployed using Secure Files mechanism as part of Build and Deployment Service.	Use nonbinary cer and pem files as SigningCertificate for SAML2 SSO.