

Aras DevOps 1.2

Release Notes

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1 Platform Support Matrix

For the software required for the Aras DevOps Release 1.2:

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
Aras Innovator AICD Deployment	Release 27
	Release 28
	Release 29

2 Key Enhancements, Fixed Issues, and Known Issues

2.1 Key Enhancements in Aras DevOps Release 1.2

2.1.1 Single NuGet Package Distribution

This release of Aras DevOps contains a single NuGet Package containing all dependencies for customer repositories which improves distribution to simplify management and migration.

The single package will need to be referenced in the package.config belonging to project git repository.

```
<?xml version="1.0" encoding="utf-8"?>
<packages>
<package id="Aras.IOM" version="14.0.10.36415" />
<package id="Aras.Crt.InnovatorConfigs" version="14.0.10.1" />
<package id="Aras.SaaS.DevOpsFramework.Msi" version="1.0.0" />
```

Depending on the use case, the package name can be either Aras.SaaS.DevOpsFramework.Msi or Aras.SaaS.DevOpsFramework.aicd.

2.1.2 Introduce Support for Aras Innovator Release 28

This release of Aras DevOps introduces support for Aras Innovator release 28.

2.1.3 Introduce Support for Aras Innovator Release 29

This release of Aras DevOps introduces support for Aras Innovator release 29.

2.2 Fixed Issues in Aras DevOps Release 1.2

Issue #	Description
F-007538	This release of Aras DevOps contains a single NuGet Package containing all dependencies for customer repositories which improves distribution to simplify management and migration.
F-007780, F-007778	Introduce support for Aras Innovator release 28.
F-007976, F-007997	Introduce support for Aras Innovator release 29.
F-008017	This release of Aras DevOps introduces logic that ensures the correct version of Aras.DevOps PowerShell Module is installed and is automatically loaded according to the repository version, going forward.
I-054482	The script for installing prerequisite software has been updated to prevent the "C:\Program' is not recognized as an internal or external command" error from appearing.

Issue #	Description
I-058882	ContinuousIntegration.ps1 has been modified to follow the same logic as BuildAndDeploy.ps1, so it is no longer necessary to run BuildAndDeploy.ps1 before ContinuousIntegration.ps1 anymore.
I-058890	'Remove Innovator' pipeline now succeeds without any error message related to namespace deletion.
I-059829	The 'Restore-ArasDevOpsPackages' command now includes the repository migration script when a full or a relative path is used as parameter.
I-060131	The error message related to restoring ArasDevOpsPackages "Method invocation failed because [CodeTree] does not contain a method named 'Update'" has been fixed.

2.3 Known Issues in Aras DevOps Release 1.2

Issue #	Description	Workaround
I-058183	<p>An "Access is denied" error can be fixed by opening two ports and requires WMI fixed port configuration.</p> <p>The following errors can occur during Deployment to Virtual Machine (VM):</p> <ul style="list-style-type: none"> - Cannot recycle Application Pool: 'System.UnauthorizedAccessException: Access is denied. - 'System.Runtime.InteropServices.COMException (0x800706BA): The RPC server is unavailable. <p>These errors can occur when Aras Deployment Tool (ADT) cannot establish WMI connection from Deploy VM to Instances VM to work with Application Pools. This connection is necessary to apply customizations such as configuration files and dll-s. To finish the updates, it is necessary to reset App Pool which requires ports to be opened on the Instances VM to reset App Pools from the Deploy VM.</p>	

<p>I-058395</p>	<p>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.</p>	<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: <pre>Import-Module Aras.DevOps Install-BuildMachinePrerequisites -InnovatorVersion <version></pre> 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"> 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.
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Issue #	Description	Workaround
		<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 & 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: <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
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>
I-059213	<p>For deployment in containers, it is impossible to deploy a language pack if it tries to update a label of a system property. The following error message will appear: "[owned_by_id] is a system property. You are not allowed to modify system properties."</p>	<p>The language pack needs to be installed and integrated into the baseline. Until this known issue is fixed, please request Aras Global Cloud Services to perform this activity.</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.