

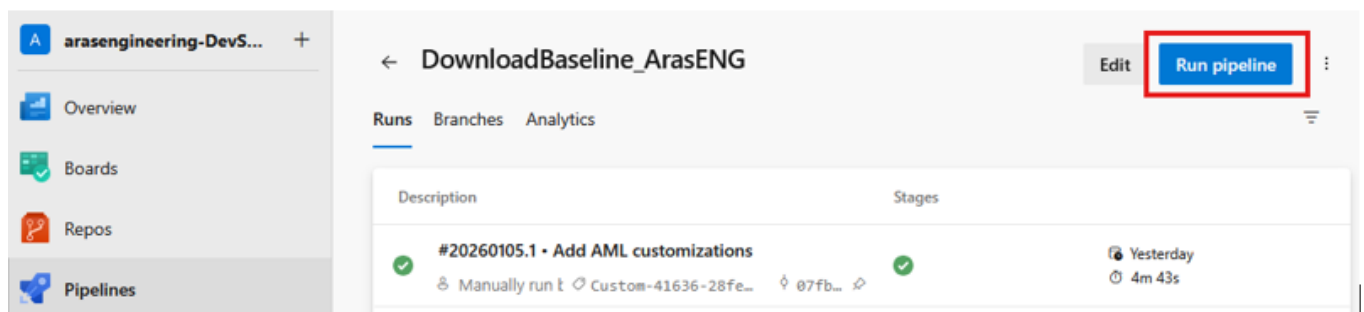
# Download Baseline Pipeline

This chapter is specific to SDE, that is referencing **Aras.DevOpsFramework.SaaS3** package, and enables you to establish a new baseline for Local development environment.

The baseline must be downloaded using the **Download Baseline** pipeline, which provides the CI-generated baseline. The downloaded **.bacpac** file should be used for your local development environment.

Follow these steps to download a baseline using the **Download Baseline** pipeline:

1. **Run the pipeline.** In your Azure DevOps project, go to **Pipelines**, locate the **Download Baseline** pipeline, and click **Run pipeline**.



2. Select the **Branch** in the Work **Repo** and specify **Optional variable group name** if necessary, then click **Next: Resources**.



**Run pipeline** ×

Select parameters below and manually run the pipeline

**Pipeline version**

Select pipeline version by branch/tag

14.36.0Baseline ▾

Select the pipeline to run by branch, commit, or tag

**Parameters**

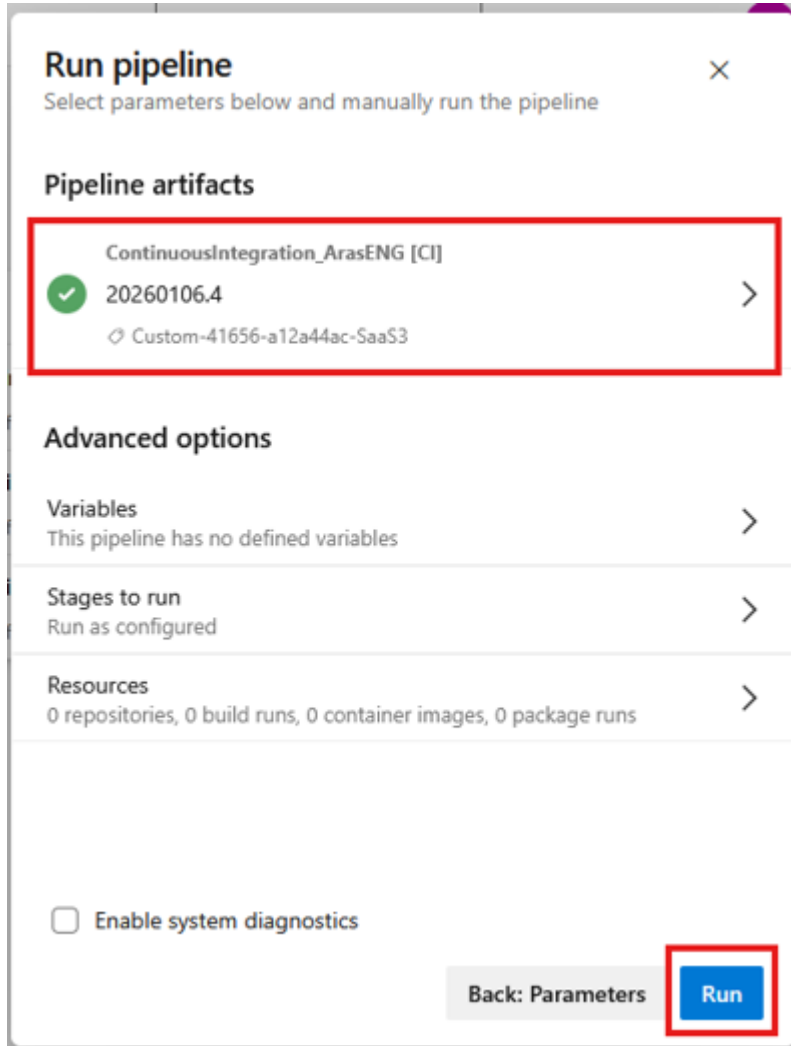
Optional variable group name: (Default one is used if none provided)

-

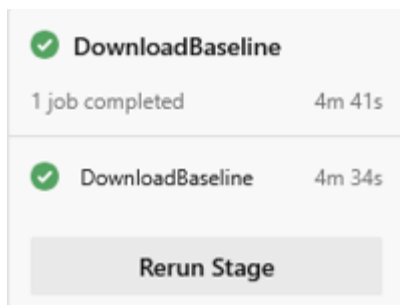
Cancel **Next: Resources**

3. **Select the CI run.** Choose the CI pipeline run, which provides the required generated baseline, then click **Run**.





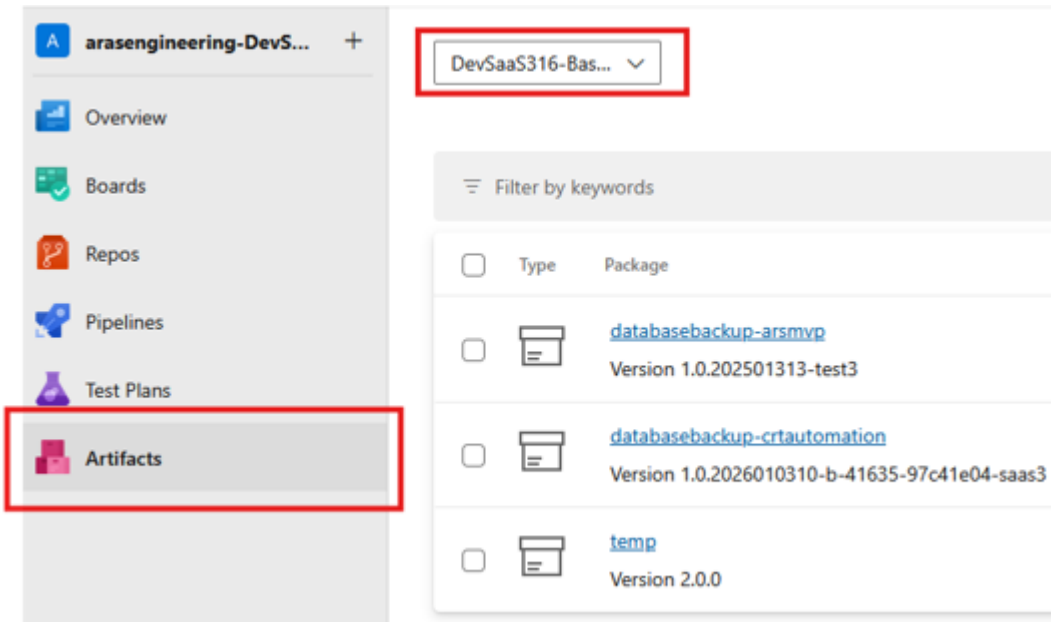
4. **Wait for completion.** Wait until the pipeline finishes successfully (status is green).



5. Open **Publish DB backup** step of green **Download Baseline** pipeline and note down the package name and version.

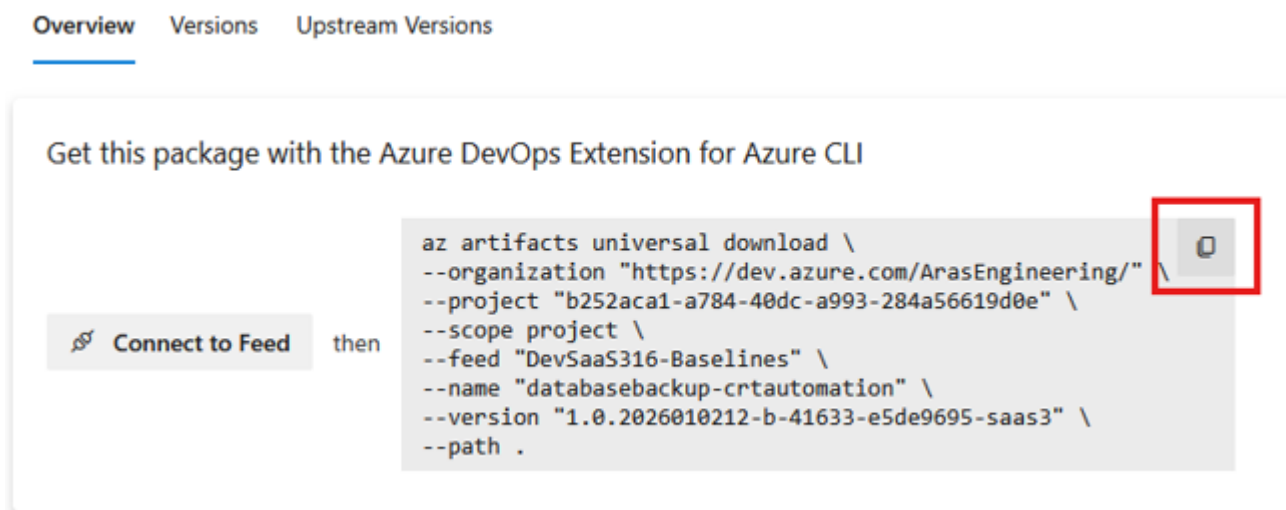


6. **Open the Baselines feed.** Go to **Artifacts** in your Azure DevOps project and open the **Baselines Feed**.



7. **Select the required version.** Open **Versions** and click the version you want to download.

8. **Copy the download command.** Copy the PowerShell command provided for downloading the artifact.



9. **Download the baseline locally.** Open **PowerShell** on your local machine, paste the copied command, and press **Enter** to start the download.

If everything is successful, you will see output similar to the following, and the file **DatabaseBackup.bacpac** will be downloaded to the current PowerShell directory.

```
PS C:\> az artifacts universal download --organization "https://dev.azure.com/ArasEngineering/" --project "b252acal-a784-40dc-a993-284a56619d0e" --scope project --feed "DevSaaS316-Baselines" --name "databasebackup-crtautomation" --version "1.0.2026010212-b-41633-e5de9695-saas3" --path .
C:\Users\sazarau\.azure\cliextensions\azure-devops\azext_devops\dev\__init__.py:5: UserWarning: pkg_resources is deprecated as an API. See https://setuptools.pypa.io/en/latest/pkg_resources.html. The pkg_resources package is slated for removal as early as 2025-11-30. Refrain from using this package or pin to Setuptools<81.
import pkg_resources
{- Downloading ..
"Description": "DB backup",
"ManifestId": "794A63199342803CC65036137BC0AB91650DE5D96D813859F7A0DAAC9126034E01",
"PackageSize": 4932205,
"SuperRootId": "D32D4F3397CE6DC253103F5469CC145F284D838F61453543FB09A09D182C804E02",
"Version": "1.0.2026010212-b-41633-e5de9695-saas3"
}
PS C:\>
```

**Important**

If you encounter an authentication error, run a login and follow the prompts. After that, re-run the download command.

```
Failed to update Universal Packages tooling.
Before you can run Azure DevOps commands, you need to run the login command(az login if using AAD/MSA identity else az devops login if using PAT token) to setup credentials. Please see https://aka.ms/azure-devops-cli-auth for more information.
```

10. Make sure that last commit before current release is specified in **Default.Settings**. includes and corresponds to downloaded baseline.

```
Default.Settings.include
245 <!--
246 Last.Commit.Before.Current.Release - ID of last commit before current release. This is commit which is used as a baseline to
247 figure out what files were changed during current release. These files define code tree and AML packages changes, that should
248 be deployed to target server.
249
250 Comments for the default value:
251 CleanInnovator12SP12 - a tag in a version control system that points to the 'baseline' commit
252 -->
253 <property name="Last.Commit.Before.Current.Release" overwrite="false" value="b-41582-35419bf1-SaaS3" />
```

11. Make sure that code tree.zip of clean released Aras Innovator (without customizations) is added to **Machine.Settings**. include

Example:



```
<property name="Path.To.CodeTree.Zip" overwrite="true" value="C:\path\to\CodeTree.zip" />
```

12. Make sure that Path.To.DB.Bacpac environment variable is set to the downloaded bacpac filepath.

Example of PowerShell command to set Path.To.DB.Bacpac:

```
[Environment]::SetEnvironmentVariable('Path.To.DB.Bacpac', 'C:\path\to\DatabaseBackup.bacpac')
```

