Implementing pipeline actions

Table of contents

The following guides for common pipeline orchestrators are available to help you get started with implementing your continuous integration/continuous delivery (CI/CD) pipeline.

Note: These guides cover commonly-selected combinations of tools for the different CI/CD pipeline components, but they are intended as examples and are therefore not all-inclusive. If you do not see the specific technology or combination of tools your enterprise has selected, that does not necessarily mean it cannot be part of your IBM Z DevOps solution. For most tools being used on the distributed side, you can integrate it into the pipeline as long as it is compatible with z/OS application development and brings value to your enterprise.

1 Azure Pipelines

- Azure DevOps and IBM Dependency Based Build Integration

2 GitHub Actions

- Using IBM Dependency Based Build (DBB) with Github Actions

3 GitLab CI

- Build a pipeline with GitLab CI, IBM Dependency Based Build, and IBM UrbanCode Deploy
- Integrating IBM z/OS platform in CI/CD pipelines with GitLab

4 Jenkins

- Build a Pipeline with Jenkins, DBB and UCD
- Managing git credentials in Jenkins to access the central git provider
- POC Cookbook – Building a modern pipeline in Mainframe
- Setting up the CI Pipeline Agent on IBM Z as a Started Task