Working with CI/CD Pipelines

Starting with V10.0, Cora SeQuence has been renamed to Cora Orchestration.

Overview

We can use CI/CD with Azure DevOps to:

- Deploy Cora Orchestration workflows
- Customize the Cora Orchestration portal (like customizing logos, color schemes and the portal grid)

You use the following pipelines to deploy Cora Orchestration workflows:

- Unit Package (CI Pipeline): Packages workflows that have been committed to Azure and creates an artifact in the project's Azure repo.
- Processes Release (CD Pipeline): Takes the artifact from the Azure repo and deploys it to the target environments (UAT, Production, as required) as specified in the pipeline.

Setup prerequisites

Before you can use CI/CD for Cora Orchestration projects, the following setup needs to be done:

- Grant access to the Azure portal for the setup process
- Set up the source (Dev) and target (UAT and Production) servers & their Cora Orchestration environments
- Install the required CI/CD pipelines in the Azure portal
- Create user IDs and passwords for the people who needs to access the Azure portal and use the CI/CD

Demos

Watch the following videos to learn how to work with CI/CD pipelines to deploy Cora Orchestration applications:

- Part 1: Introduction to CI/CD with Azure DevOps for Cora Orchestration projects
- Part 2: Deploy a simple workflow using pipelines
- Part 3: Redeploy an updated workflow
- Part 4: Deploy three workflows as cumulative package
- Part 5: Redeploy the cumulative package after updating one of the workflows