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ATARC DevOps Working Group Code Repository

ATARC DevSecOps/CICD Pipeline Working Group

February 2022

In late 2020, The DevOps Pillar's DevSecOps/CICD Pipeline Working Group embarked on a mission to create a CI/CD software pattern to assist government organizations getting started with DevSecOps practices[1]. With the release of this post, we are releasing the first iteration of the objective. This work has been a culmination of tremendous effort performed by all of our team members and their contributions. As we move forward, we have created an information repository and made it publicly available for Federal and Industry team members to embark on their first DevOps Journey.

Included in this document are a set of links and videos that outline the work performed with appropriate demonstrations of functionality. Below please find an overview and explanation video, followed by technical demonstrations of the DevSecOps practices. What is presented here is one iteration and pattern to meet the objective. It tends to be the most applicable to how the Federal Government development organizations generally approach DevSecOps within the confines of various policies such as Separation of Duties and other ATO related activities.

Project Links referenced in the videos:
https://gitlab.com/atarc/cicd-public-project
https://gitlab.com/atarc/iac-terraform

The DevSecOps/CICD Pipeline Working Group welcomes any feedback and contributions to the presented approach. We hope that this post and related information provides a simple and elegant blueprint to get started immediately on the DevSecOps journey.

Looking Ahead

As we move forward in 2022, we appreciate involvement from extended Federal and Industry teams to improve upon and iterate the work described here. The Working Group meets fortnightly on Wednesdays and welcomes participation from interested parties.

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[1] ATARC DevOps Working Group Aims to Build Code Repository