

NEWS LETTER

WHY USE DEVOPS-IN-A-BOX

Every project needs a CI/CD pipeline to build a quality product and to make the deliverables faster, reliable, and more frequent.

To achieve this, earlier organizations were using Jenkins. As it's hard to maintain and manage, nowadays organizations have started using SaaS-based CI/CD tools. But, each of them is having different syntax, structure, and attributes which impacts the time to build these pipelines.

This is where DevOps-In-A-Box helps you build these pipelines much easier by generating templates for all sorts of cloud-based CI/CD tools such as GitLab CI, GitHub Actions, Azure DevOps, Code Pipeline, etc.



NEW ADDITIONS

- SCCA Application VPC - Secured DOD grade network layer Infrastructure solution template is available for download and usage.
- Solution Infrastructure to create a MongoDB replica set on AWS ec2 for the highly available MongoDB solution.
- Pipeline | pipeline for deployment of frontend using s3 and Cloudfront is now available as AWS Codepipeline too along with gitlab and github.
- Pipeline | code pipeline to deploy docker images to ECS using AWS CodeDeploy.
- Infrastructure solution template to create a Load-based auto-scaling group.

WHAT'S THE DEVOPS-IN-A-BOX?

DevOps-in-a-box is a DevOps accelerator, to help accelerate the DevOps implementations we do for our customers.

SPECIFICALLY, IT ADDS VALUE TO TWO PRIMARY GROUPS OF USERS:

SALES AND MARKETING TEAM - Who uses it for speeding up customers' implementation? This helps in the overall standing where many players in the market claim to have DevOps expertise.

DEVOPS ENGINEERS - Who use it for Pipelines, Infrastructure Solutions as well as Monitoring. You can download it and make changes as required for the customer-specific applications.



HOW TO USE IT?

- Go to <https://appliedaiconsulting.com/devops-in-a-box/>
- Log in with your Applied AI Consulting Gmail account.
- Search for the required pipeline or solution infrastructure.
- Open the pipeline - Select the platform - Download the template - and make the required changes.
- You are ready with your pipeline.

UPCOMING FEATURES: DEVOPS-IN-A-BOX

- For the pipeline section: We are adding a pipeline template for Azure DevOps and working on having Jenkins pipeline code available for existing Pipelines
- For the solution infrastructure section: We are making CFT(Cloud formation template) available in DevOps-in-a-box for existing solution templates.



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