



CI/CD pipeline on AWS for Python

26th of October 2020

Introduction

AWS Code services



- Check-in source code such as .py files
- Peer review new code

- Style checkers: coding style (aka PEP8), programming errors, cyclomatic complexity
- Unit tests
- Create Docker images and AWS Lambda deployment packages

- Integration tests
- Load testing
- UI tests
- Security testing

- Deployment to production environments
- Monitor code in production

AWS Code services



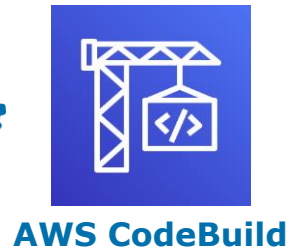
- Check-in source code such as .py files
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- Style checkers: coding style (aka PEP8), programming errors, cyclomatic complexity
- Unit tests
- Create Docker images and AWS Lambda deployment packages
- ~~Compile code~~

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- Load testing
- UI tests
- Security testing

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AWS Code services



AWS Code services



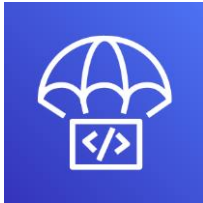
AWS CodeCommit



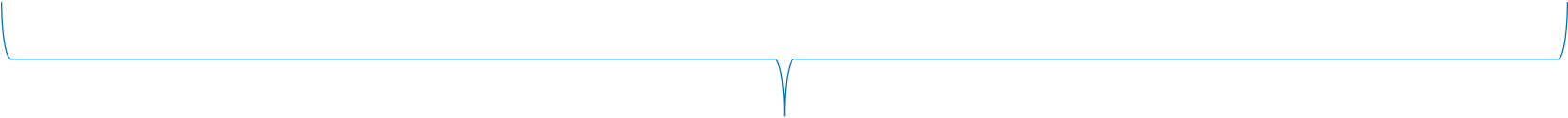
AWS CodeBuild



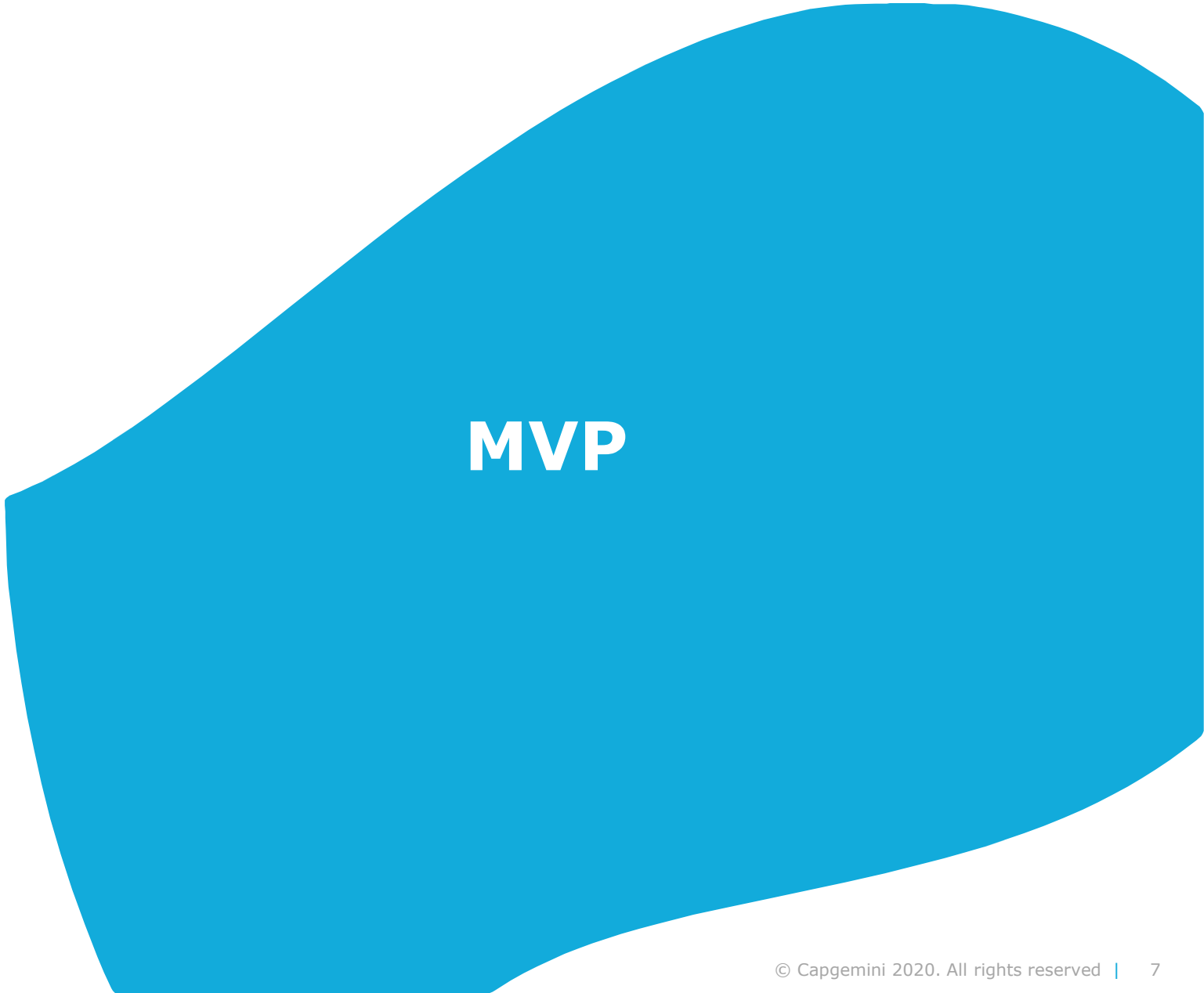
AWS CodeBuild
+
third-party



AWS CodeDeploy

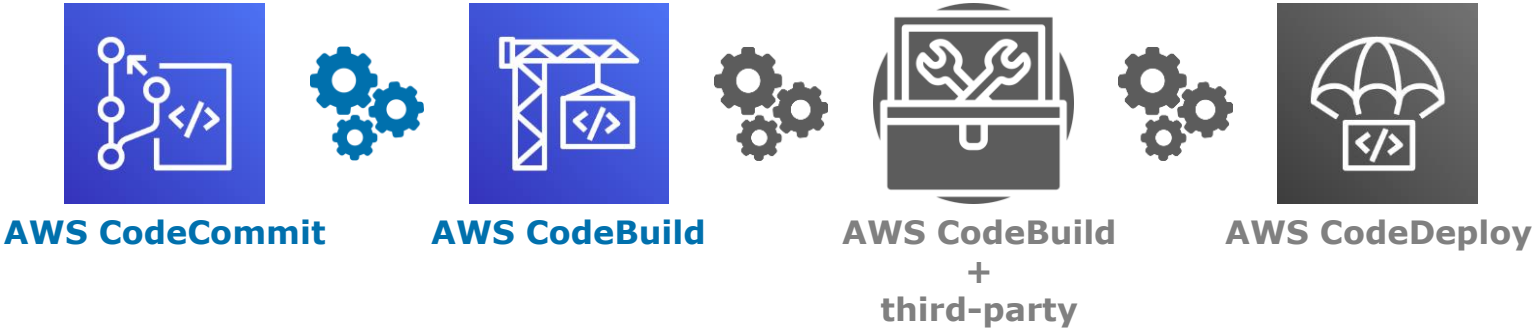


AWS CodePipeline



MVP

AWS Code services. MVP



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🔗 master 1 branch 0 tags

Go to file

Add file

📄 Code

🔗	Ruslan Korniichuk Add init code for new AWS CodeCommit repo	ca24aa1 on Aug 27	🕒 5 commits
📁	ext/ci_cd_pipeline_init_code_20200827	Add init code for new AWS CodeCommit repo	2 months ago
📁	img	Initial commit	2 months ago
📄	LICENSE	Initial commit	2 months ago
📄	README.md	Update README.md	2 months ago
📄	ci_cd_pipeline.yaml	Initial commit	2 months ago

README.md

ci-cd-pipeline-on-aws-for-python

Name: ci-cd-pipeline-on-aws-for-python

Description: AWS CloudFormation template for CI/CD pipeline on AWS for Python

GitHub: <https://github.com/korniichuk/ci-cd-pipeline-on-aws-for-python>

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About

AWS CloudFormation template for CI/CD pipeline on AWS for Python

🔗 www.korniichuk.com

aws cloudformation
aws-cloudformation cfn ci-cd cicd
pipeline pipelines pipeline-as-code
pipelines-as-code codecommit
codebuild aws-codepipeline
codepipeline python python3
python-3 yaml yml

📖 Readme

📄 Unlicense License

Languages

● Python 100.0%

DEMO

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Ruslan Korniiichuk

Information Technology Architect

Capgemini Poland

ruslan.korniichuk@capgemini.com

+48 791 065 877