AZURE PIPELINES BEST PRACTICES

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ABSTRACT. This document contains generic recommendations to follow to implement proper and reliable DevOps processes using Azure, Azure Pipelines and Azure DevOps

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1. Introduction

In order to implement reliable and consistent DevOps within a company using Azure, Azure pipelines and Azure DevOps, it is worth to follow set of predefined best practices as follows

- Security first.
- Store pipeline secrets securely.
- Cache build assets.
- Don't repeat yourself.
- Parallel everything, if possible.
- Optional CI/CD jobs run.
- Automate everything, if possible.

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 $[\]label{eq:continuous} \textit{Key words and phrases}. \hspace{0.5cm} \textbf{Software engineering, DevOps, Software release, GitHub flow, GitLab flow, Azure DevOps, Azure pipelines, Semantic versioning, GitVersion, CI/CD .}$

2. Conclusions

Conclusions of your manuscript.

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