PetaBytz Azure DevOps Implementation

PetaBytz

Why Azure DevOps

- To outstrip the market competition and stay ahead of the curve, you need to shift from the traditional way to the cloud way using the DevOps strategy. PetaBytz as a DevOps partner assess your ongoing practice; examine the infrastructure and pipelines to choose the best tools for the transformation.

- Azure DevOps provides developer services for allowing teams to plan work, collaborate on code development, and build and deploy applications. Azure DevOps supports a collaborative culture and set of processes that bring together developers, project managers, and contributors to develop software.

- It allows organizations to create and improve products at a faster pace than they can with traditional software development approaches.

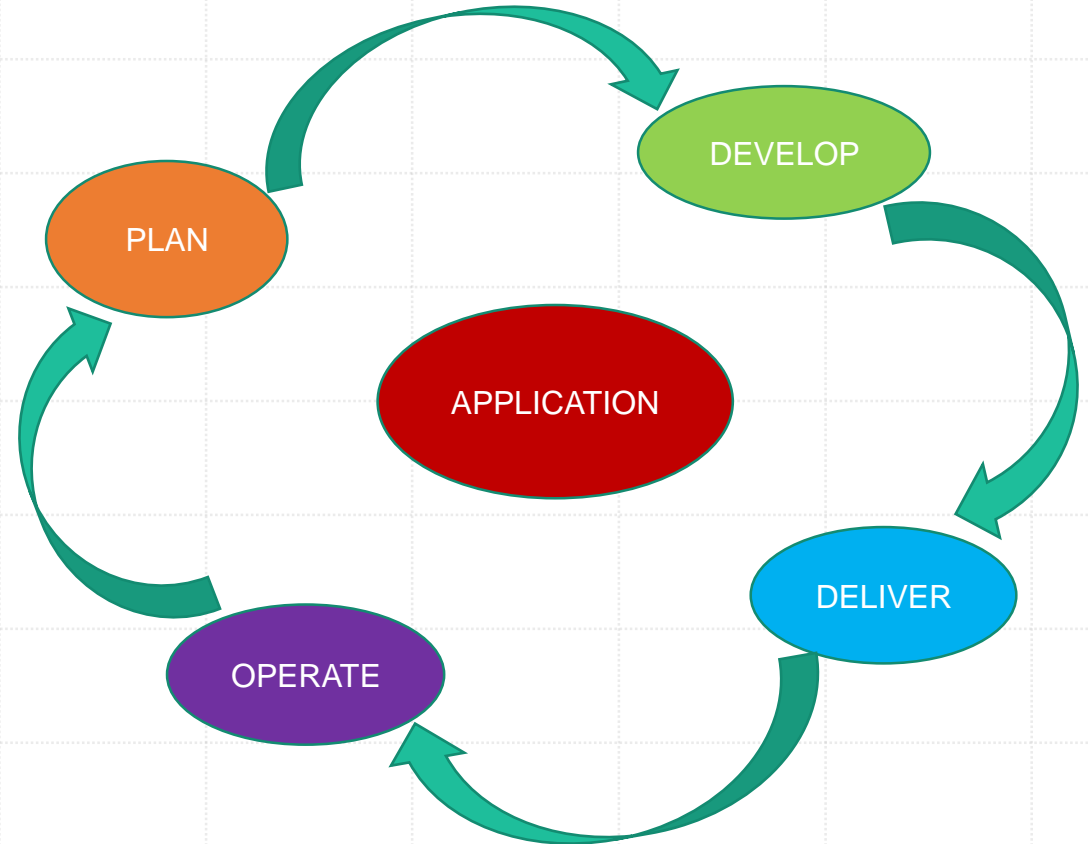# PetaBytz Azure DevOps Implementation Strategy

Azure Boards

Azure Pipelines

Azure Repos

Azure test Plans

Azure Artifacts

PLAN

DEVELOP

APPLICATION

DELIVER

OPERATE

PetaBytz Azure DevOps Implementation Benefits

PetaBytz DevOps teams use a technology stack and tooling functionalities to operate and manage applications. Our DevOps implementation strategy is based on six fundamental factors, which are:

1. Speed

- Through our DevOps model, we ensure faster innovation and speedy execution are key to customer satisfaction and staying ahead of the competition.

2. Rapid Delivery

- Our DevOps implementation involves very frequent delivery cycles (which could be small updates) and a minimum recovery time (in case of any failure) through Continuous Integration practice, thus allowing further and faster innovation.

3. Reliability

- Through DevOps continuous integration and delivery practices, we ensure functional, safe, and quality output, resulting in a positive end-user experience. Overall, our DevOps program ensures the productivity of developers and the reliability of operations.

4. Scale

Our Infrastructure as a code practice helps in the efficient management of all stages of the software product lifecycle (development, testing, and production).

5. Improved Collaboration

PetaBytz DevOps methodology is built on a cultural philosophy that focuses on development and operations working in a collaborative environment, which reduces multiple iterations, inefficiency, and time complexity.

6. Security

Our DevOps model achieves this factor through configuration management techniques and automated compliance policies. Besides, we also work on the concept of DevSecOps, which is a new integration to address the security challenges in DevOps implementation.