

EDB Postgres™ for Cloud Foundry®

Platform-as-a-Service for Enterprise Agility

The trend towards cloud computing is more prominent than ever as a growing number of enterprises seeking state-of-the-art technology and business agility opts for cloud solutions.

With respect to Platform-as-a-Service (PaaS) offerings, Pivotal® has emerged as a leading provider. While new digital businesses started to use Cloud Foundry in its early days, Pivotal's enterprise solution has now been adopted by traditional companies to drive their digital transformation.

Pivotal Cloud Foundry is based on modern container technology and offers an integrated orchestration framework to deploy microservice applications through Apps Manager, Pivotal's self-service console.

EnterpriseDB® (EDB™) has partnered with Pivotal to provide an integration with its Cloud Foundry PaaS solution to facilitate the connection of applications to EDB Postgres databases through Pivotal's service broker architecture. This combined solution of Platform-as-a-Service (PaaS) and Database-as-a-Service (DBaaS) allows developers and quality management engineers to bind applications to a database in a few clicks, making application development with EDB Postgres even easier, reducing software delivery cycle times significantly and allowing digital businesses to thrive.

Developers no longer have to worry about time-consuming infrastructure or database provisioning allowing them to focus on what they like most and do best, their application.

Highlights

Faster time to market

With EDB Postgres' Pivotal integration, developers can now use EDB Postgres as a standard part of the development flow within Pivotal Cloud Foundry. Applications can be attached to dev, test, or production easily, reducing the time to market for new applications. Pivotal Cloud Foundry's container orchestration and versioning also allow developers to automatically deploy code changes into production, thus supporting continuous delivery.

Ease of Use

Pivotal Cloud Foundry provides a self-service management interface to provision applications and databases alike. Developers can bind applications to EDB Postgres without the need for any database administration skills.

Modern technology

Pivotal Cloud Foundry's virtualization is based on flexibly deployable containers enabling a microservices

architecture. It is a platform for agile, repeatable, and consistent provisioning of applications with EDB Postgres as their persistent storage to enable digital businesses to grow.



Pivotal Cloud Foundry®

DevOps

DevOps is a collaboration and communication model that encourages a close working relationship between development and IT operations to support agile application development. EDB is working to bridge the gap between those teams by providing technology that supports DevOps.

EDB Postgres databases can now be integrated in an agile development environment like Pivotal Cloud Foundry

allowing DBAs to provision database instances and developers to create databases within those instances as needed.

IT operations and DBAs will have visibility and control while developers get the flexibility they need for agile development.

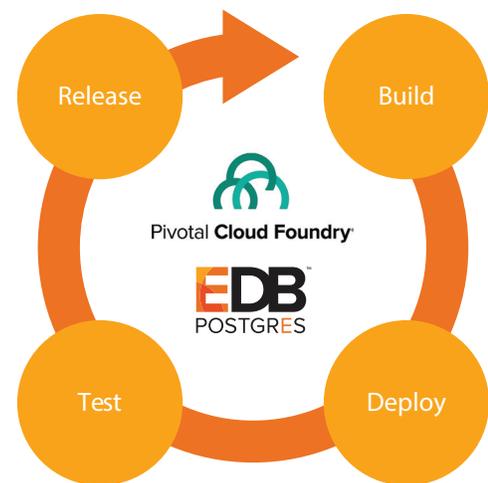
Continuous Deployment

Continuous delivery is a modern application development practice aiming to shorten software delivery cycles to enable enterprises to release software updates more frequently. Being able to update applications as many times as required allows companies to react flexibly to customer expectations and competitor features, or to do A and B testing to study user behavior.

Continuous delivery covers the stages of building, deploying, and testing application code. Continuous deployment takes this a step further by automating the release into production.

Pivotal's approach is based on flexible containers running reusable microservices. Pivotal Cloud Foundry handles container deployment and orchestration and offers EDB Postgres as persistent storage. Developers can now bind their microservices to EDB Postgres databases within a few minutes.

This technology is revolutionizing software development in a way that dictates whether businesses remain competitive in today's digital world.



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