Accelerate Cloud Native Application Development on Azure with Choreo

Choreo is a full lifecycle cloud native application development platform to create, deploy, run, and govern APIs, integrations, and microservices on Kubernetes. Built on Microsoft's Azure platform services, Choreo simplifies cloud implementations so enterprise development teams can spend more time building innovative products and less time maintaining the underlying infrastructure - enabling enterprises to get more digital products to market faster and at a lower cost.

Why Choreo?

Customers across the globe are increasingly demanding better and more personalized digital experiences, and enterprises must do this better than their competitors to stay relevant. However, before they build these experiences, enterprises first need an underlying platform in the cloud that becomes the infrastructure upon which they can build all these digital experiences (Gartner calls this practice "Platform Engineering").

Building and maintaining such platforms requires integrating multiple cloud services, and producing APIs from these services, to work well, which is challenging and time-consuming. It not only requires highly skilled cloud developers, which very few enterprises have access to, but it also requires ongoing maintenance. These factors result in enterprises spending more time on managing the platform and less time on building innovative, differentiated digital products that their customers desire.

In the short run, enterprises will see benefits faster if they buy a dedicated internal development platform because they don't have to build it themselves. And in the long run, they will experience a lower total cost of ownership (TCO) because they don't have to spend valuable resources maintaining it. Choreo is WSO2's cloud native internal developer platform (IDevP). The Choreo platform provides enterprises with a range of capabilities that simplifies cloud adoption. It ensures that enterprises can focus on building innovative and awesome digital experiences for their customers - all they need to do is just add developers.

Choreo and Azure

Choreo, built on top of Microsoft Azure and leveraging 30+ Azure services under the hood, including Azure Kubernetes Service (AKS), Azure Key Vault, and Azure DevOps, provides a pre-integrated development platform that simplifies the process of enterprises setting up and running on Azure.

This simplicity can increase developer efficiency, reduce time to market, and enable enterprises to build more in less time. Choreo not only encourages new customers to adopt Azure as their preferred cloud but also helps existing customers build more on Azure and drive Azure Consumption Revenue (ACR).

We estimate that Choreo can generate $3 of ACR for each $1 spent on Choreo, and this can potentially grow to a 10:1 ratio as usage increases.

Features of Choreo

Side-by-side low-code and pro-code graphical interfaces

Public and private API and connector marketplace

E2E DevOps, GitOps, and API Management

Create APIs by consuming existing APIs and services

Automated deployments - automatically create Docker files and K8s configurations

Visual data mapper for integration

Powered by WSO2's open source language, Ballerina, with support for widely used languages including Java, C#, and Python

Key Choreo Use Cases

While Choreo's primary value to an enterprise is as an IDevP on top of which they can build their digital experiences, we understand there can be instances where enterprises have already built (or prefer to build) these platforms themselves. Such enterprises generally look for products that address specific use cases efficiently and cost effectively. We have identified several use cases that Choreo's in-built capabilities address.

1 ## API Management

An API management platform to secure, share, and monitor APIs internally and externally.
Learn more.

2 ## Complex Enterprise Integrations

A developer friendly iPaaS to create, manage and share enterprise-grade integrations and automations.
Learn more.

3 ## Cloud Native Development (Coming soon)

A full lifecycle platform to build, deploy, monitor, and manage cloud native applications.

4 ## DevOps Platform

A DevOps platform to release and manage applications on Kubernetes without compromising on security, reliability, or governance.
Learn more.

https://wso2.com/choreo/