



# Choreo for API Management

A complete platform for enterprise-grade API-first development to create, deploy, run, and manage APIs and services, which integrate perfectly to your development practices with multiple environments. Deploy to the Choreo cloud or to any private cloud within minutes.

Full lifecycle API management? Yes of course, but Choreo is about enterprise-grade API first development.

[Get Started Free](#)

Choreo offers a very promising alternative to traditional API management solutions, eliminating the infrastructure complexity of service creation, deployment, and operations without a steep learning curve.”

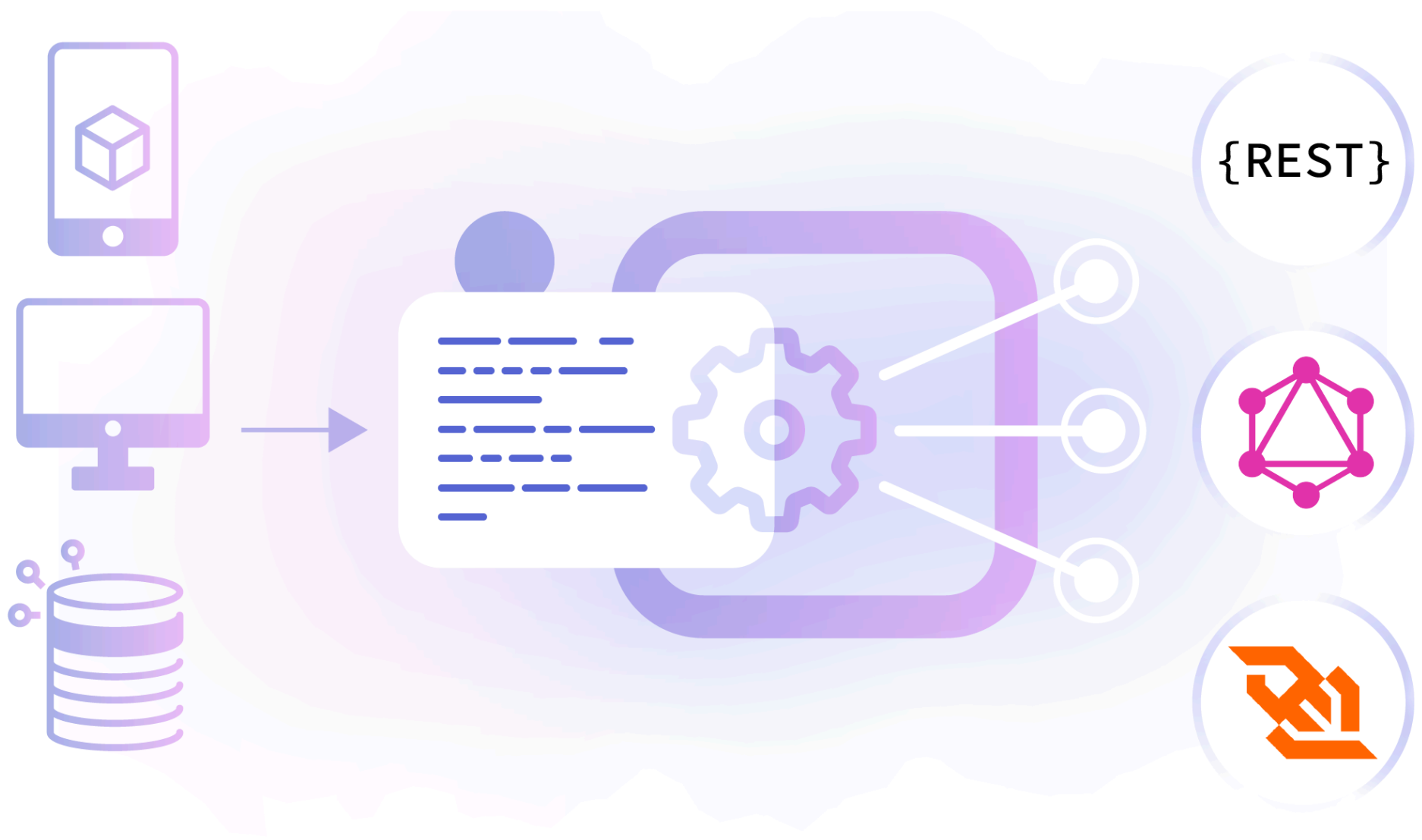
Alexei Balaganski, Lead Analyst, KuppingerCole

[Read Report](#)

## Create Services and APIs, Not Only API Proxies

Start with services written in any language, run them in Choreo or elsewhere, and make them into APIs. Or design new APIs and write proxying rules to existing services.





## Proxy Your Service

Create managed, secured, proxy APIs for your existing private or SaaS backend services.

## Any Architectural Style

Create synchronous, asynchronous, or streaming APIs with REST, GraphQL, WebSocket, Webhooks/WebSub, and SOAP.

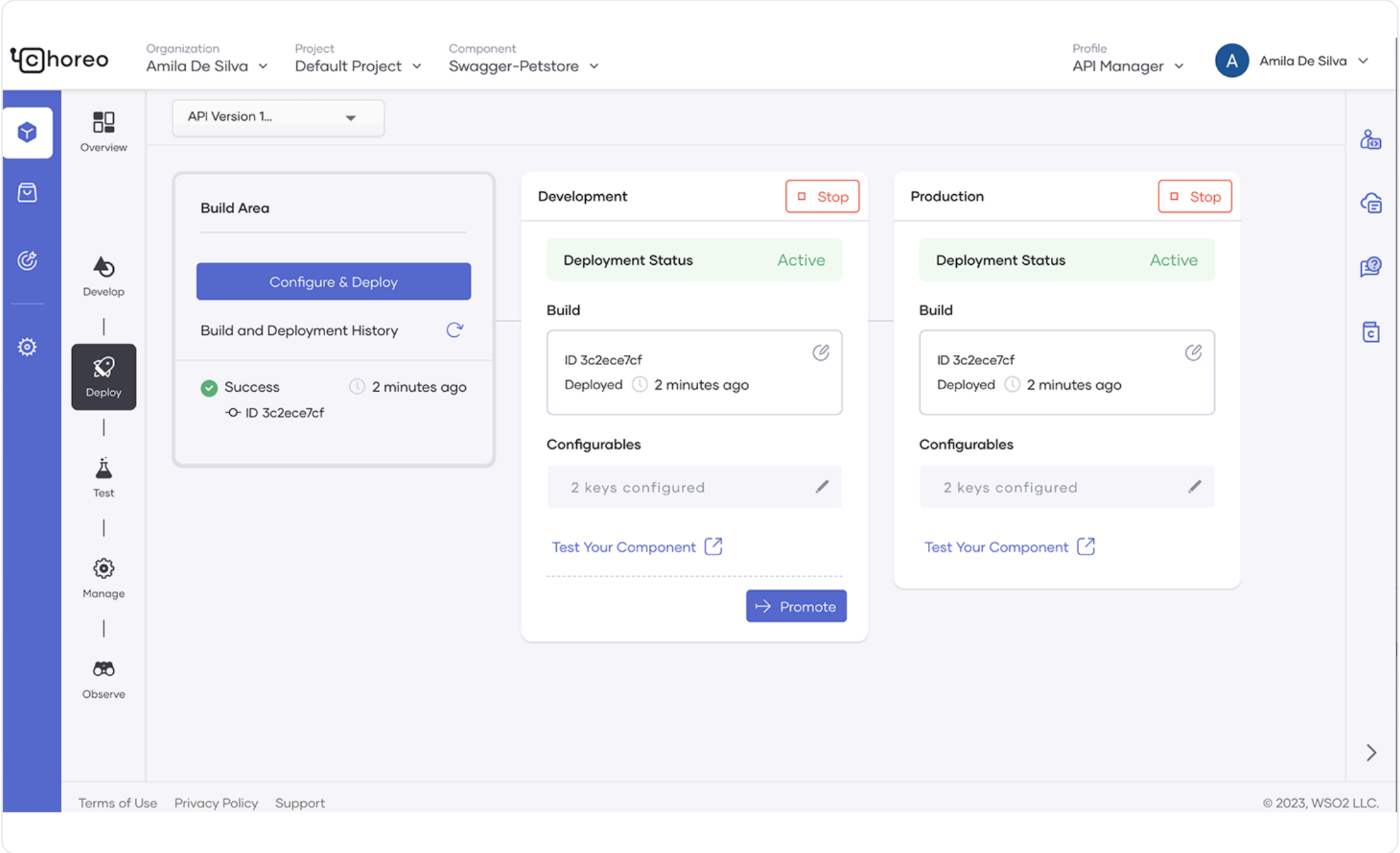
## Implement APIs

Write any kind of APIs using any language with GitHub and Bitbucket integration. Build, test, and deploy to a Kubernetes cluster in a serverless manner.

## Multiple Environments, Clouds, and Regions

Develop APIs the way you want with multiple environments that have secure configuration management deployed in any cloud and any region.





## Multi-Environment CI/CD

Treat any API as code and CI/CD to your heart’s content across multiple deployment environments. Integrate verification, testing, or documentation systems to the build.

## Multi-Cloud and Regions

Deploy your APIs across clouds (Azure, AWS, GCP, your own Kubernetes) in any region of choice.

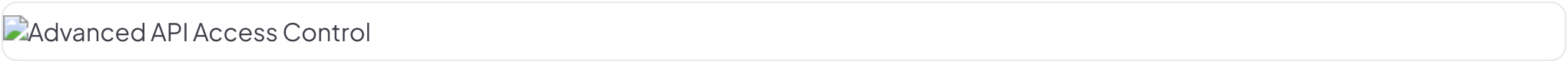
## API Sandbox

Facilitate developer adoption with a sandbox endpoint for your APIs for experimentation.

# Advanced API Access Control



Give priority to secure APIs with out-of-the-box integration with [Asgardeo](#) as an identity provider (IDP) or connect your own enterprise IDP.



## Built-in IDP

With integration to [Asgardeo](#), you get an IDP by default for your APIs. You no longer have to worry about how to bring in users to use your APIs.

## Bring Your Own IDP

Seamlessly integrate to any IDP of your choice in a few clicks. Choreo can provide authentication and authorization for APIs through any IDP.

## Authn, Authz, Zero-Trust

Configure authentication and authorization to your APIs with OAuth2, APIKey, and more. Enable role-based access control (RBAC) and any other authorization through policies. Propagate trust to backend services to build a zero-trust environment.

# Share and Reuse

Facilitate API-first development with your customized developer portal that allows internal and external developers to discover and consume APIs easily. API developers must control what APIs are consumed to prevent API supply-chain attacks.



## Share

Collaborate with a wider audience, both within your organization and globally. Increase the value of your APIs by sharing them with others.



## Govern

Control who can see which APIs and create subscriptions to them. Observe your API's usage and patterns through API insights.

## Customize

Customize the look and feel of your developer portal by changing it to match your brand. Elevate user experiences and establish trust by configuring a custom domain for your organization's portal.

# Manage APIs in Your Virtual Private Cloud

Keep everything as secure and controlled as you want by keeping all your services and API management for both internal and external APIs within your virtual private cloud (VPC) on Azure, AWS, or GCP.



## API Management In-House

By running Choreo's API management infrastructure in your network, APIs can securely access your enterprise backend services without hassle.

## Fast Response, Low Latency

Get faster responses from your APIs by having them closer to your services in your VPC.

## Guaranteed Security

Keep your APIs within your network and guarantee that only you can access them.



# API Teams as 2-Pizza Teams

Run API projects separately with teams focusing on their own set of APIs independently. Control API exposure as internal to the project, shared within the organization, or shared externally.

 API Teams as 2-Pizza Teams

## Guaranteed Isolation

Each project team’s APIs are network isolated using Kubernetes namespaces and network policies to guarantee that the policies are enforced in every environment.

## Internal and External APIs

Expose APIs internally or externally with just a click of a button. Setting up north-south and east-west APIs no longer requires laborious work. Choreo has already done all of that for you.

## Control the Toppings

Control the services that developers can consume when writing their APIs.

# API-First Applications

Start contract-first, design your multi-service applications using Choreo’s VSCode extension, and implement the services in any language.

 API-First Applications

## Any Type of Service



Write component services in HTTP, REST, GraphQL, gRPC, and more.

## Visualize Network Data

Visualize all data flowing across services and understand their structure. Enables static verification of network interactions.

## Boost Developer Workflow

Experience Choreo's full potential in your local development environment through the Choreo [VS Code extension](#). Unlock an array of project and component management capabilities that streamline your workflow.

# Other API Management Features in Choreo

API security

Consumption limits

API analytics

API documentation  
API ratings and reviews

API lifecycle management

Throughput and latency reports

Policy creation and management



Choreo connects IIIT research institutes across India via one API gateway so that nonprofits can access APIs to applications and services from a central location. IIIT also uses analytics features to monitor API usage and automates API documentation via Choreo."

[Read More](#)

Khoushik Ananth,  
Lead Engineer at IIIT Hyderabad



## WSO2 for Startups

Launch Your Projects Quickly with Our SaaS Products at No Starting Cost

[Apply Now](#)

# Get Started with Choreo

[Get Started Free](#)

[Follow the Tutorial](#)

[Contact Us](#)

### API Management

- [API Manager](#)
- [Choreo for APIM](#)
- [API Platform for Kubernetes](#)

### Integration

- [Micro Integrator](#)
- [Ballerina](#)
- [Choreo for Integration](#)

### IAM

- [Identity Server](#)
- [Asgardeo](#)
- [Private Identity Cloud](#)

### Internal Developer Platform

- [Choreo](#)

### Solutions

- [API Management](#)
- [Integration](#)
- [CIAM](#)
  - [For Consumers \(B2C\)](#)
  - [For B2B SaaS Apps \(B2B\)](#)
  - [For Citizens \(G2C\)](#)

- [Workforce IAM](#)
- [Healthcare](#)
- [Finance](#)
- [Government](#)

ources

Support





- [Documentation](#)
- [Library](#)
- [Research](#)
- [Training and Certification](#)
- [Events](#)

- [Subscription](#)
- [Updates](#)
- [Consulting Services](#)

Company

- [About WSO2](#)
- [Customers](#)
- [Partners](#)
- [Team](#)
- [Careers](#)
- [News](#)
- [Community](#)

Get Updates on Choreo

Enter Your Email Address

☐ I agree to the [WSO2 Data Privacy Policy](#).

Subscribe to the Choreo Newsletter

Follow us



[Learn About Security At WSO2](#) →



