prisma
soluciones tecnológicas

Operation and management of microservices

Many organizations took an important step towards the public cloud with virtual machine and platform services, however there are ways to achieve operational efficiency, higher levels of security and continuity of operations by transforming applications and making them compatible with cloud microservices.

What are microservices?

Microservices are a form of architecture for building applications where each core function is grouped and implemented independently. The microservices architecture is distributed and loosely coupled, so an error in one component does not interrupt the entire application. The independent components work together and communicate with well-defined API contracts.

Scale individual subsystems and services based on resource needs without having to scale out the entire application.

Replace or retire individual services without affecting the entire application, improving security and reliability.

Build microservices applications to meet business needs and get to market faster.

Build resilient, highly scalable, and distributed applications to deliver value faster.

Create and deploy microservices with agility

Easily manage new versions, updates, and bug fixes for individual components without the need to redeploy the entire application.

Scale based on business demand

Scale individual subsystems and services based on resource needs without having to scale out the entire application.

Make your applications more resistant

Replace or remove individual services without affecting the entire application. Microservices use models such as circuit interruption to tolerate specific service failures, improving security and reliability.

Find the best approach for your team

Choose your team's preferred implementation method, language, microservices platform, and programming model for each service.

prisma
soluciones tecnológicas