

# Azure

**Trabajo de investigación  
Programación Web III - UNLaM  
1C 2023**

21°

Esposito - Oyaregui - Pereira - Piedrabuena



# Contenidos



**01** objetivo

**02** Situación  
Actual

**03** Investigación  
y práctica

**04** Conclusiones



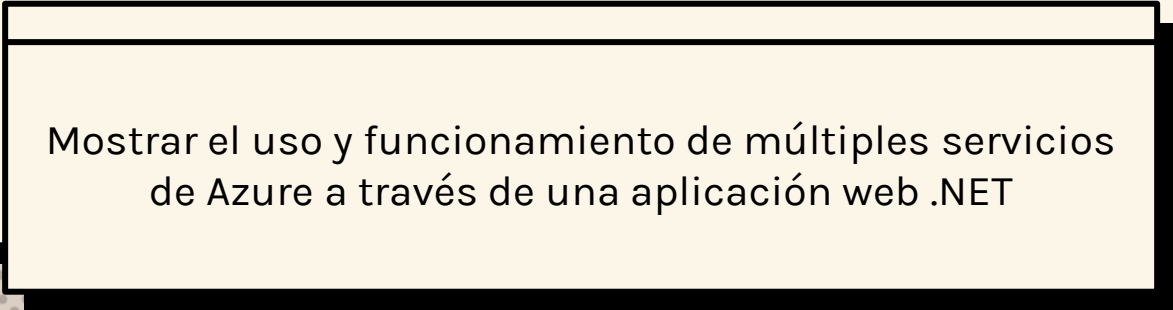
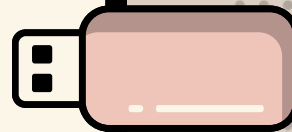
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# Objetivo



Mostrar el uso y funcionamiento de múltiples servicios de Azure a través de una aplicación web .NET



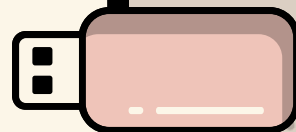
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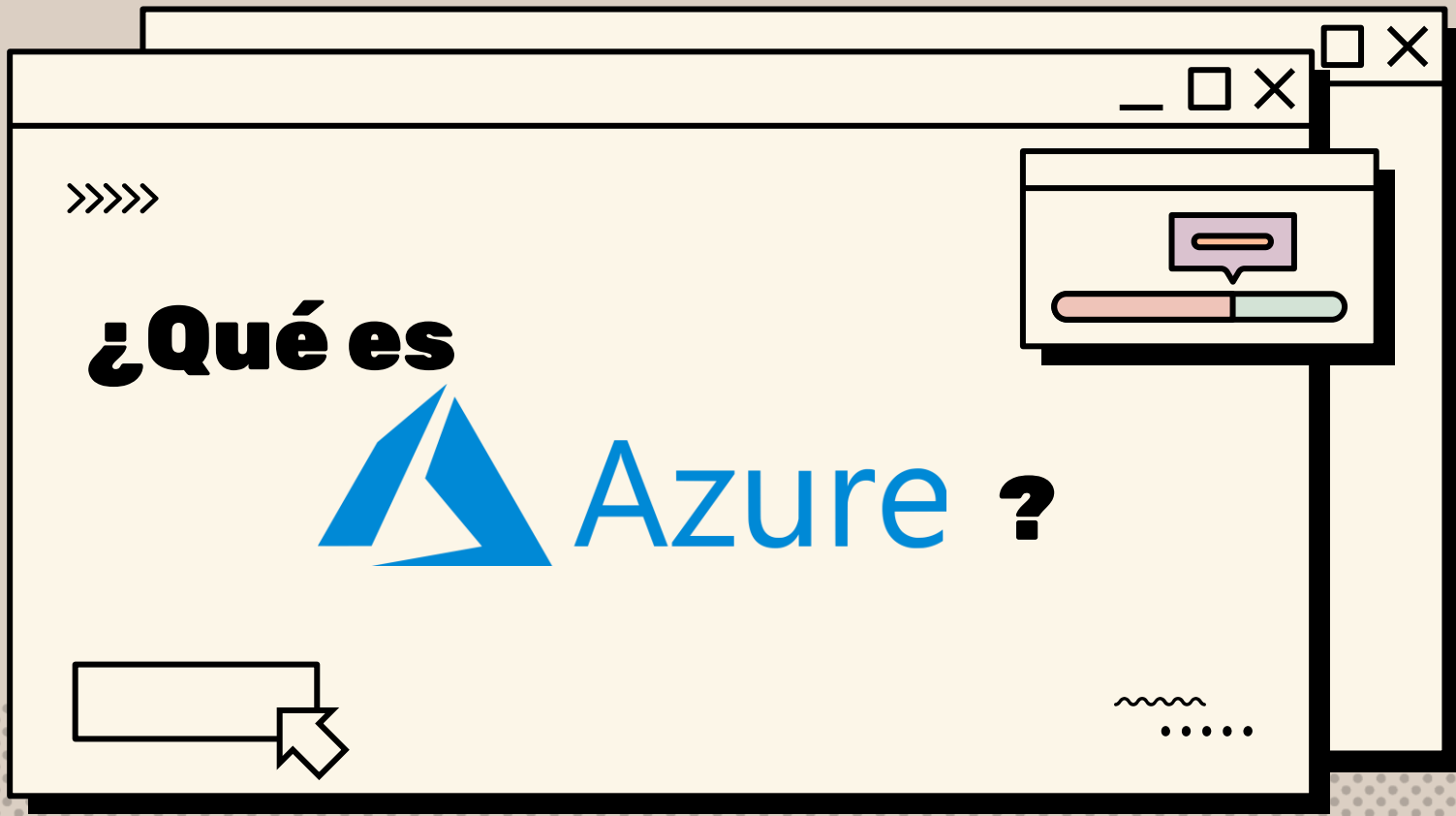
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# Situación Actual





# Servicios de Azure

## DevOps



Container Registry



App Insights



Log Analytics



Automation



Azure Portal



Visual Studio Team Services



Dev Test Labs

## Mobile



App Service - Mobile



Mobile Engagement



Logic Apps



Media Services



Hockey App



API App

## Application



Web Apps



Service Bus



Search



Event Grid



Scheduler



API Management



Event Hub



Queue

## Infra



Virtual Machine Scale Sets



Virtual Machine



App Services



Express Route



CDN



Data Lake



Load Balancer



Application Gateway



Azure DNS



Container Services



Azure Virtual Network



StorSimple



Azure Storage



Functions



Batch



Service Fabric



Cloud Services

## Analytics



Stream Analytics



Machine Learning



Bot Services



HDInsights



Data lake Analytics



Data Catalog

## Database



Azure DB



SQL Data warehouse



Azure Cosmos DB



Azure Cache



Data Factory

## Security



Security Center



Azure Active Directory



Multi factor Authentication



KeyVault



Azure Active Directory Domain Srv



Azure Active Directory B2C



Azure Rights Management



# Categorización de los Servicios



You Manage

Cloud Provider  
Manages

## IaaS

Infrastructure as Service

Data & Access

Applications

Runtime

Operating System

Virtual Machine

Compute

Networking

Storage

## PaaS

Platform as Service

Data & Access

Applications

Runtime

Operating System

Virtual Machine

Compute

Networking

Storage

## SaaS

Software as Service

Data & Access

Applications

Runtime

Operating System

Virtual Machine

Compute

Networking

Storage

03

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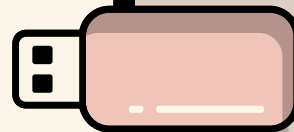
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# Investigación y Práctica

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Aplicación Tu Secr3to





## Tu Secr3to

Mensaje:

Apodo(opcional):

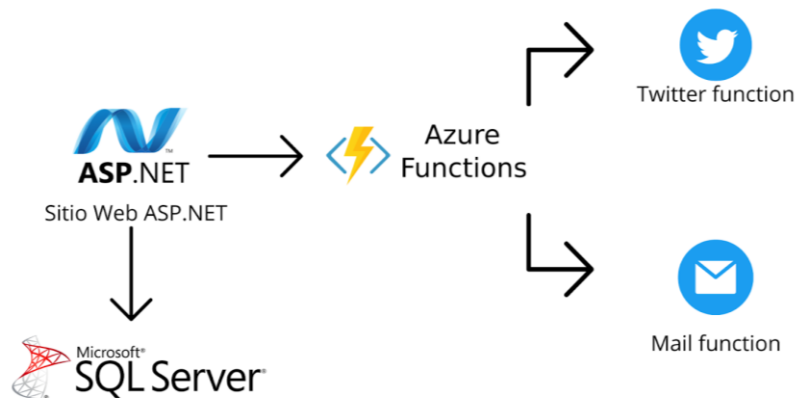
El mensaje anónimo llegará por:

- ☐ Publicar en Twitter
- ☐ Enviar por correo electrónico

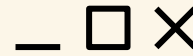
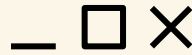
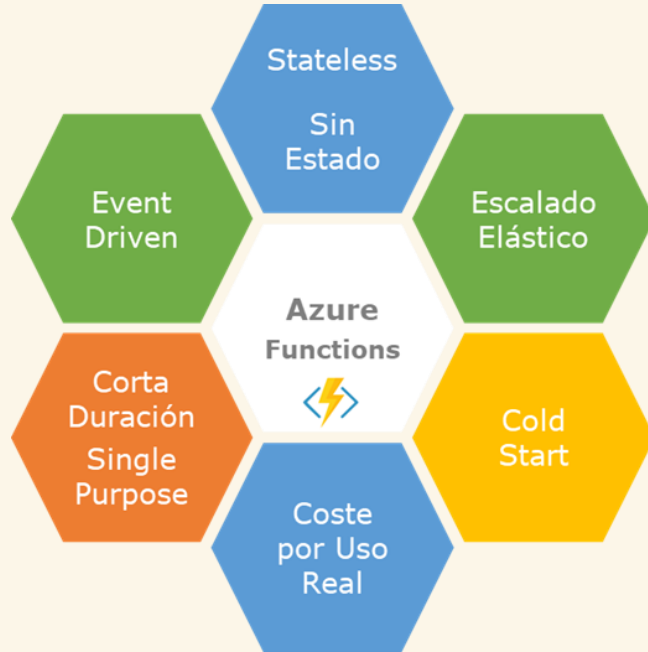
Usuario/E-mail:

Enviar

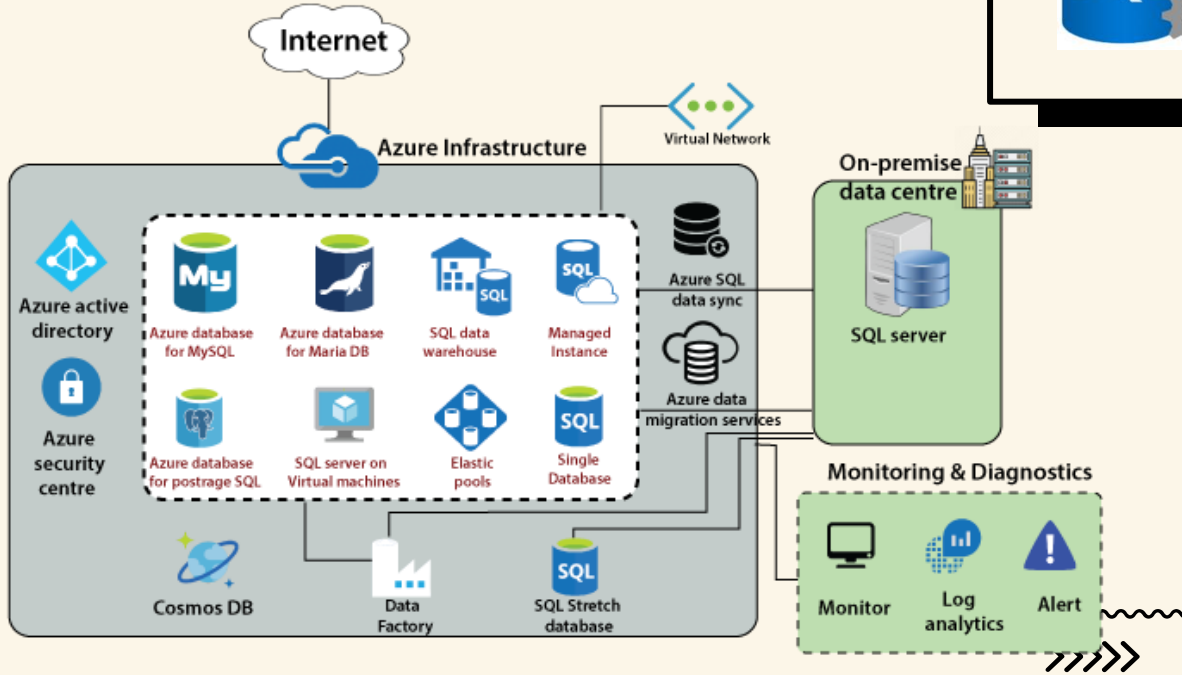
## Arquitectura del proyecto - Tu Secr3to



# Azure Functions



# Azure Databases



Azure SQL  
Database Server



# Azure App Service

Azure App Service



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## WEB APPS

Web apps that scale with your business



## MOBILE APPS

Build Mobile apps for any device



## LOGIC APPS

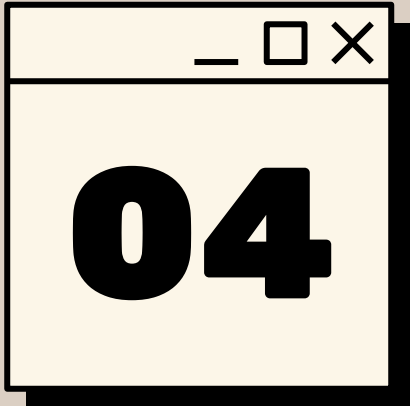
Automate business process across SaaS and on-premises



## API APPS

Easily build and consume APIs in the cloud





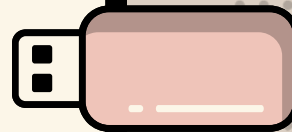
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# Conclusión

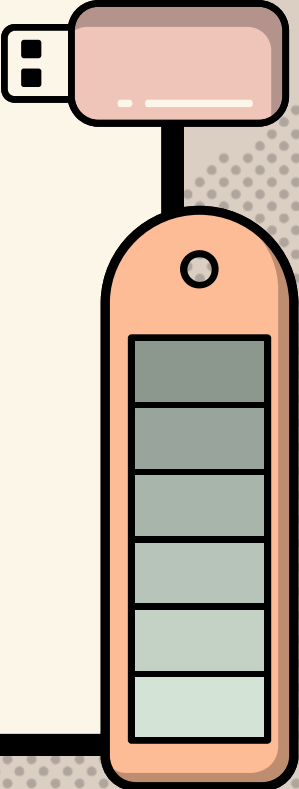


Azure resultó siendo una gran herramienta, tal como lo promociona, para desarrollar y delegarle responsabilidades de infraestructura.





# Gracias! Preguntas?



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Oyaregui Manuel  
Pereira Rodrigo Nicolas  
Piedrabuena Walter Nicolas