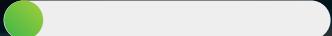
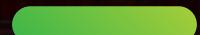




Globant»

BTP

SAP

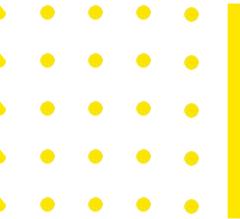


Bootcamp Fiori  
Día 3

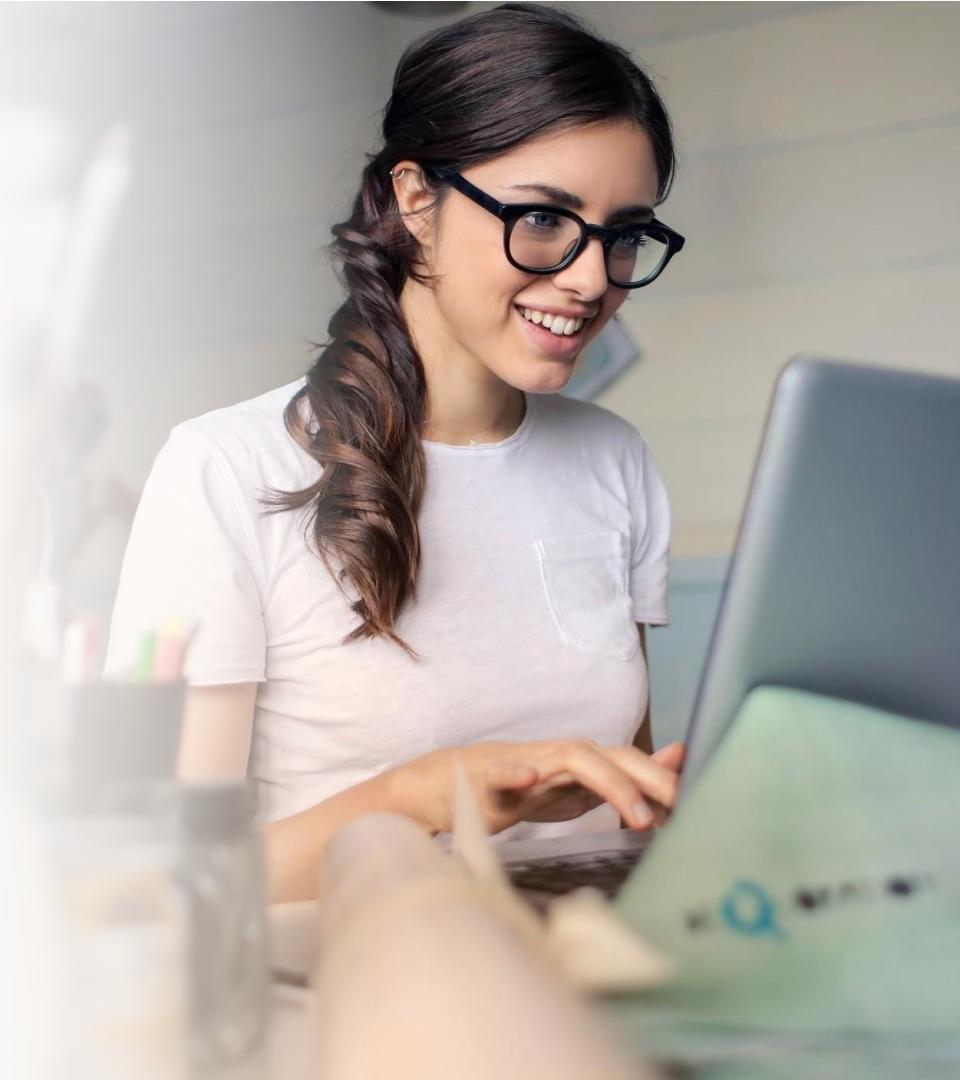
# Agenda

- ¿Que es SAP BTP?
- Computación en la nube
- Arquitectura BTP
- Historia de SAP BTP



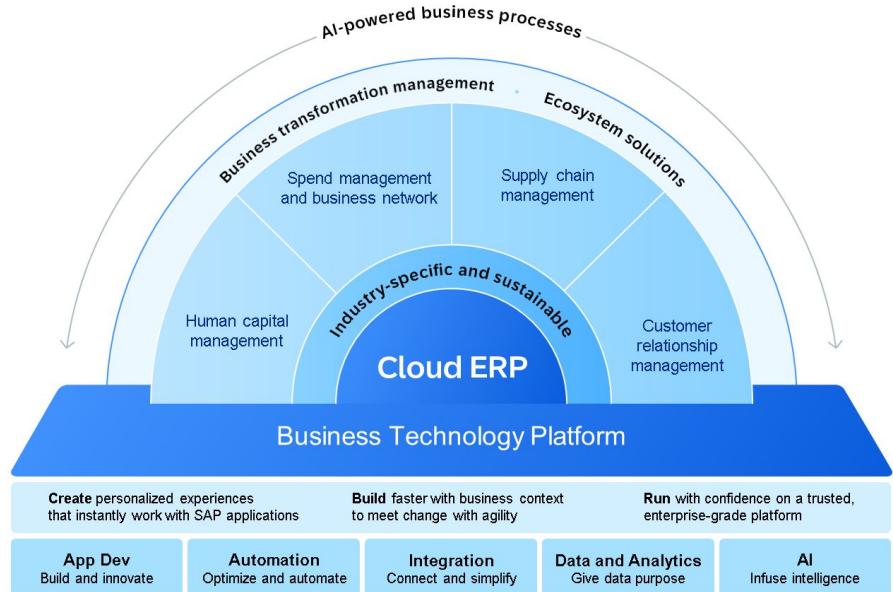


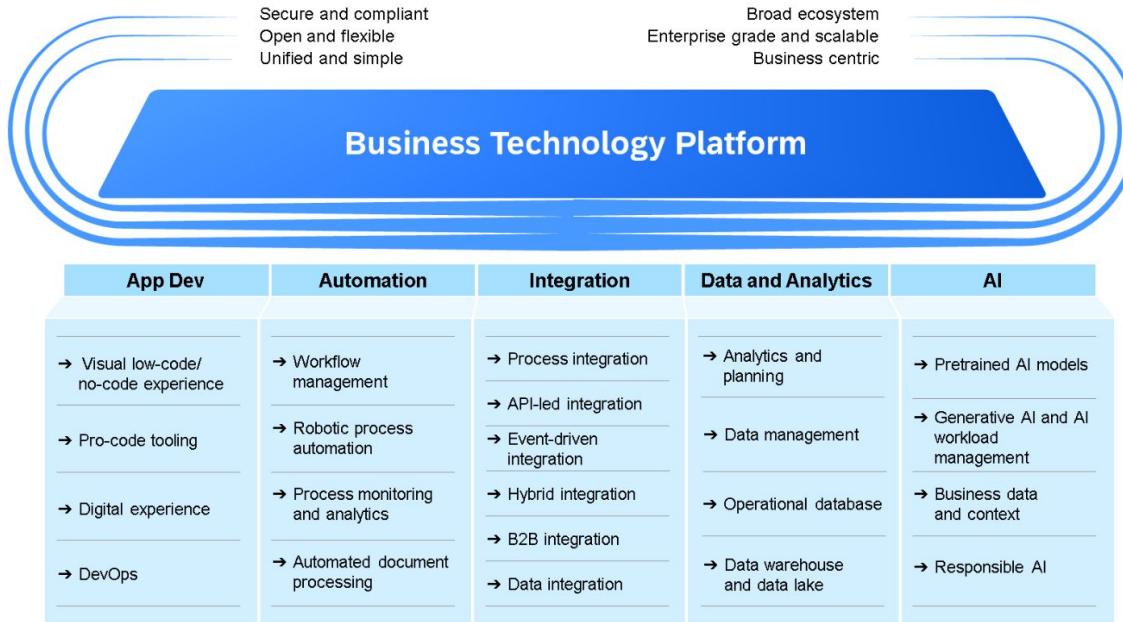
# ¿Qué es BTP?



# SAP BTP

SAP BTP (Business Technology Platform) es una plataforma de tecnología empresarial de SAP que integra bases de datos, análisis, inteligencia artificial, desarrollo de aplicaciones y automatización en la nube. Permite a las empresas extender, integrar y personalizar soluciones SAP y no SAP en un entorno flexible y escalable.



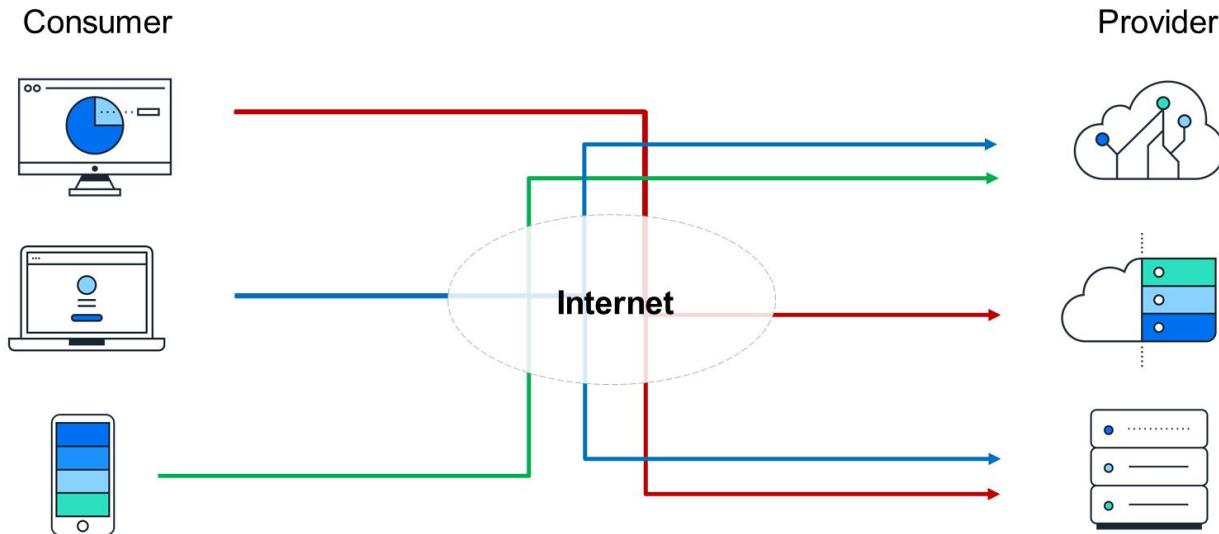


## Pilares

- Desarrollo de aplicaciones: SAP Build Code.
- Automatización: SAP Build Process Automation.
- Integración: SAP Integration Suite.
- Datos y análisis: SAP Analytics Cloud, SAP Datasphere, SAP HANA Cloud y más.
- Inteligencia artificial: SAP AI Business Services y Generative AI Hub.

# Computación en la nube

What is cloud (computing) all about?

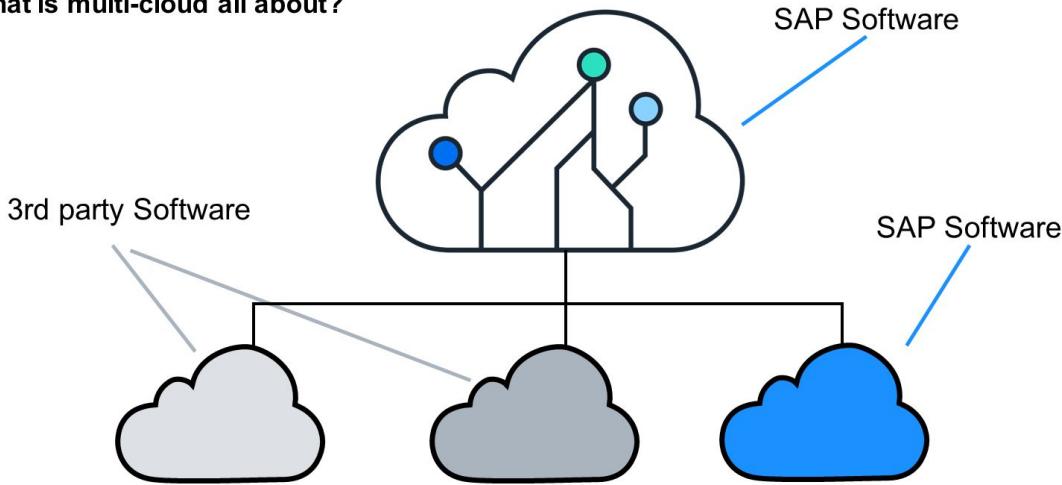


Cloud (computing) is consuming software, platforms and infrastructures on demand from any device via the internet. This can lower your operational costs for computing power or software capabilities.

SAP se está centrándose en la transformación a la nube.

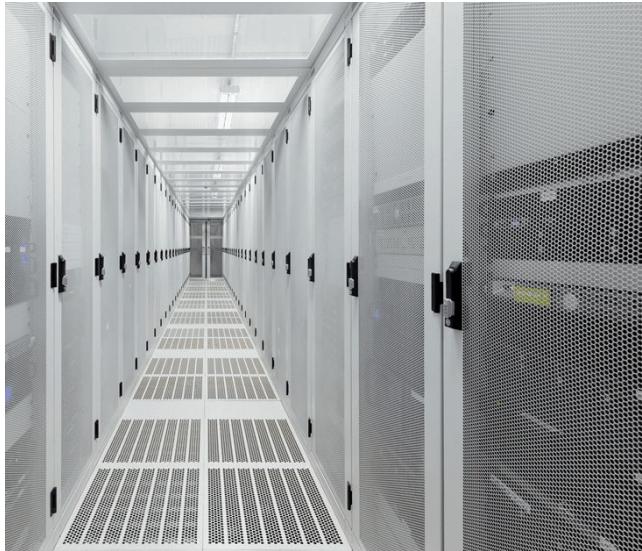
# Multi-cloud

What is multi-cloud all about?



Multi-cloud combines several cloud offerings from multiple providers in one single heterogeneous architecture to improve cloud infrastructure capabilities and cost.

# Hiper Escalador



## A hyperscaler:

- Is a large provider of computing services
- Can provide resources in scale in size of your needs
- Is very flexible due to seemingly endless resources
- Has big resilient data centers in several regions
- Has a very high availability through cluster technology

Los hiperescaladores más conocidos son AWS, Microsoft Azure, Google Cloud Platform y Alibaba Cloud.

# Modelos de servicio implementación

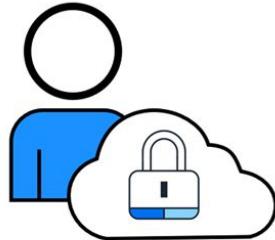
## PUBLIC



**Public Cloud** – a cloud system assigned to many customers. The resources are shared but operative data is separated on application level.

Servicios de correo web, Google Docs, Microsoft Office 365 o SAP Business ByDesign

## PRIVATE



**Private Cloud** – a cloud system assigned to one customer. The resources of a private cloud are not shared. Not accessible for others.

## HYBRID



**Hybrid Cloud** – a mixture of combining private and public cloud solutions to one integrated landscape. It's also possible to integrate on-premise scenarios into cloud scenarios of your choice.

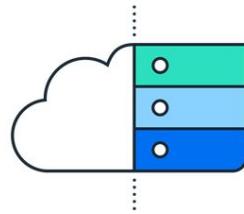
# Modelos de servicio

## IAAS



**Infrastructure as a service –** subscribing to hardware resources based on your demand (for example, network storage, databases, ...)

## PAAS



**Platform as a service –** subscribing to middleware functionalities on top of your virtual infrastructure. Adapt functions and extend the platform with your custom logic and applications (for example, SAP Business Technology Platform)

## SAAS

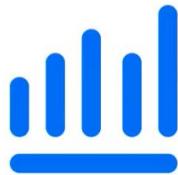


**Software as a service –** subscribing to applications based on your demand. Traditional business software or entertainment media – almost everything today is SAAS (for example, Netflix, SAP Analytics Cloud, SAP S/4HANA Cloud)

## Modelos comerciales



**Pay-as-You-Go (PAYG)** is a fast and easy way to jump start innovation with SAP BTP.\*



**SAP BTP Enterprise Agreement (BTPEA)** allows for the consumption of cloud credits based on actual usage.



**Subscription** lets you choose a fixed set of services for a fixed rate, regardless of actual consumption.

# Arquitectura de SAP BTP

## SAP BTP

### Global Account

Directory A

Subaccount 1

Entitlements

Region

Subaccount 2

Entitlements

Region

Subaccount <X>

Entitlements

Region

Directory B

Directory <X>

Subaccount 3

Entitlements

Region

Subaccount <X>

Entitlements

Region

Subaccount 4

Entitlements

Region

Subaccount <X>

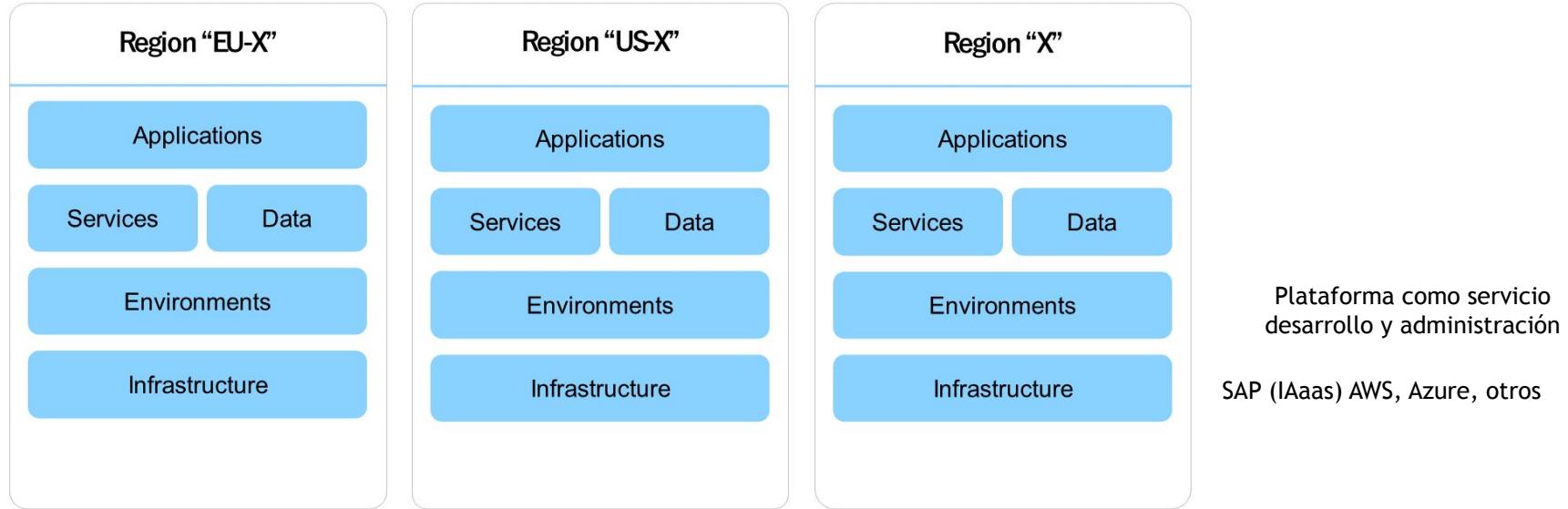
Entitlements

Region

Region

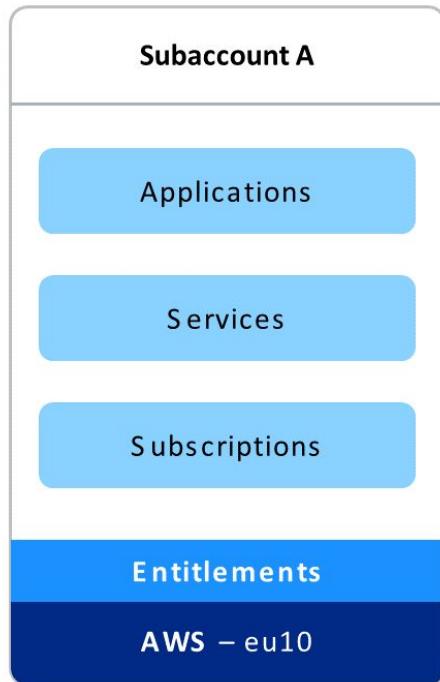
Entitlements

# Regiones



La región se elige en el nivel de subcuenta. La selección de una región depende de muchos factores: por ejemplo, el rendimiento de la aplicación (tiempo de respuesta, latencia) se puede optimizar seleccionando una región cercana al usuario.

# Subcuentas

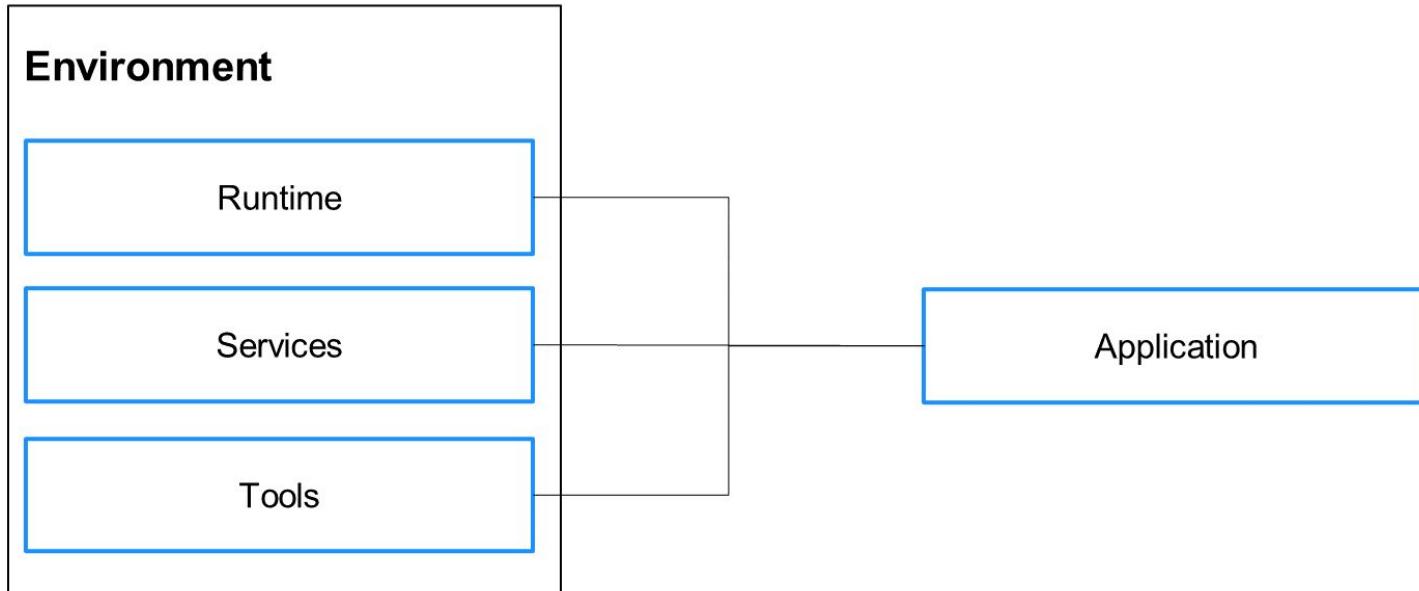


Business **applications** or custom developments running and operating in this subaccount - they can even get bounded to services and subscriptions inside of this subaccount if needed

Service **instances** created and running in this subaccount

Service **subscriptions** and their capabilities accessible in this subaccount

# SAP BTP: Entornos

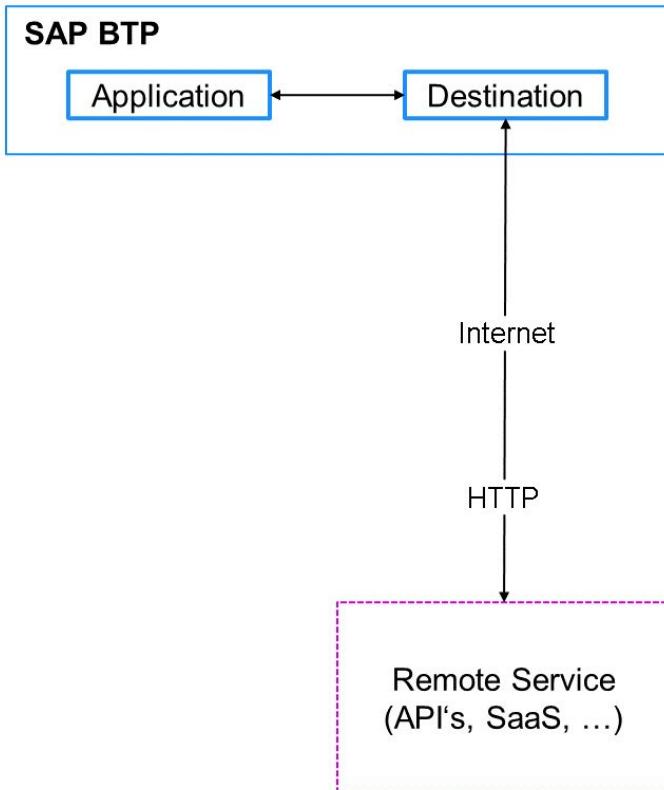


# Entornos

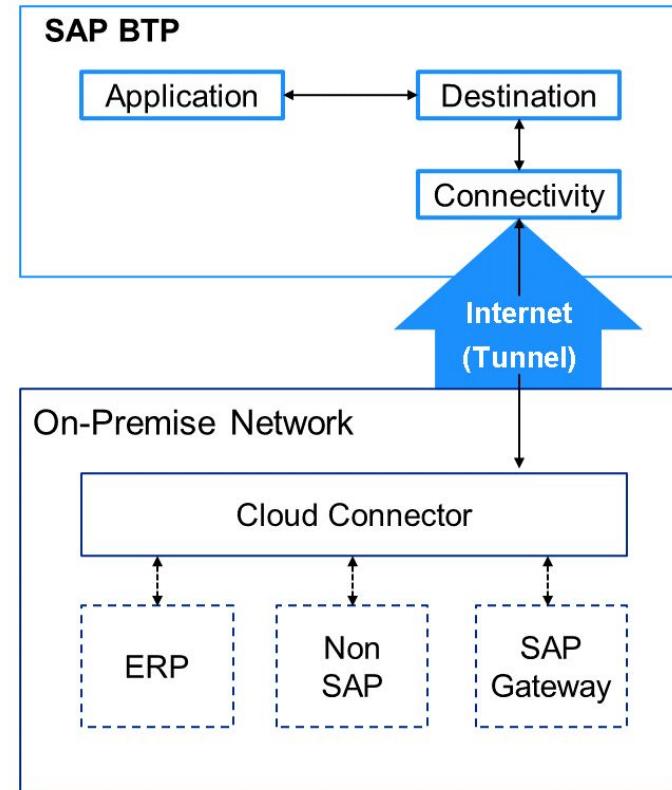
Cloud Native		Cloud Enabled
<p><b>Cloud Foundry</b></p>  <ul style="list-style-type: none"><li>• Cloud runtime<ul style="list-style-type: none"><li>- Development</li><li>- Operation</li></ul></li><li>• Cloud environment<ul style="list-style-type: none"><li>- Deployment</li><li>- Scaling</li></ul></li><li>• Open source project</li><li>• Platform-managed Load balancing, Routing, Health checks, Security Updates</li><li>• Enterprise-grade business applications and services</li></ul>	<p><b>Kyma</b></p>  <ul style="list-style-type: none"><li>• Cloud runtime<ul style="list-style-type: none"><li>- Development</li><li>- Operation</li></ul></li><li>• Based on Kubernetes</li><li>• Open source project</li><li>• Cloud-native development of apps and services</li><li>• Brings built-in managed service mesh</li><li>• Highly scalable, microservice-based apps</li></ul>	<p><b>ABAP Environment</b></p>  <ul style="list-style-type: none"><li>• ABAP runtime<ul style="list-style-type: none"><li>- Development</li><li>- Operation</li></ul></li><li>• ABAP environment<ul style="list-style-type: none"><li>- Deployment</li><li>- Scaling</li></ul></li><li>• SAP project</li><li>• ABAP RESTful programming model</li><li>• Migrate and adapt add-ons to the cloud</li><li>• Enabling ABAP developers to go to the cloud</li><li>• Fully configured applications</li></ul>

# Conectividad

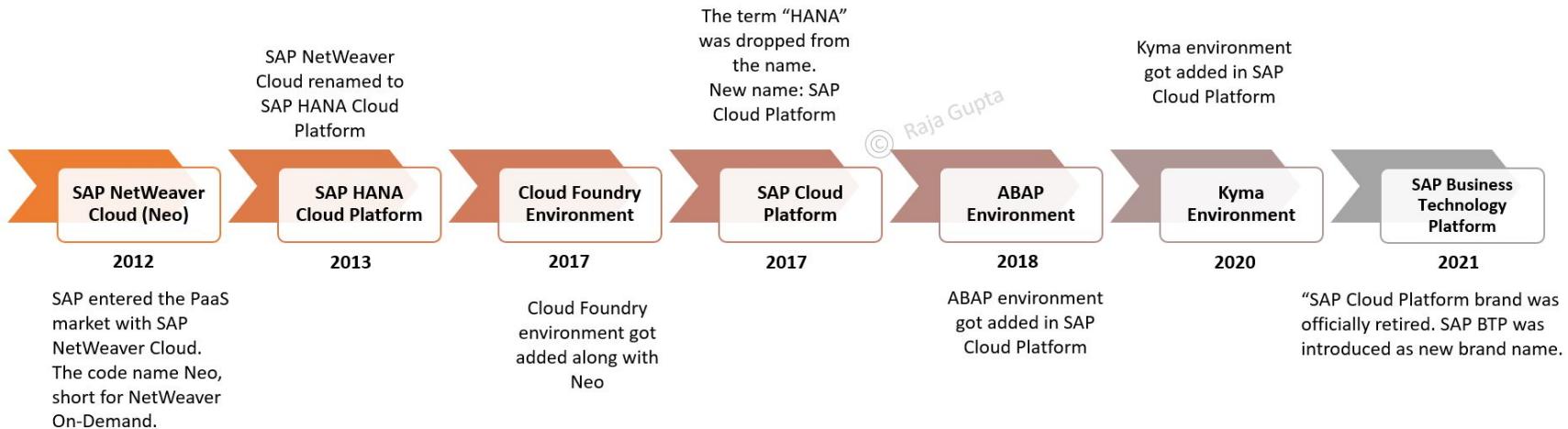
## Internet Connectivity



## Cloud to On-Premise Connectivity



# History of SAP BTP





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# Get an Account on SAP BTP Trial

 Beginner  15 min.  SAP Business Technology Platform, Beginner, Tutorial, Cloud

Sign up for a trial account on SAP BTP.

You will learn

- ✓ How to register on the SAP website
- ✓ How to start your SAP BTP Trial
- ✓ How to navigate to your sub-account and space
- ✓ Where to find information on three important Cloud Foundry areas: Applications, Service Marketplace, and Service Instances



DJ Adams

August 2, 2024

Created by 

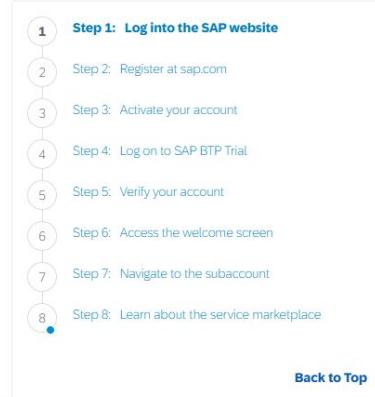
January 13, 2016

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MUCHAS  
**GRACIAS!**