

Telefónica VDC 4.0

Disaster Recovery as a Service (DRaaS)

Where Connectivity & Cloud combine to transform your business.

VDC Cloud Service enables holistic resources management on Telefónica's EU, LATAM and USA nodes, supported by carrier grade telco networks.

Overview

Despite your company's best efforts, an unforeseen disruption to IT systems, critical data and infrastructures is a very real possibility. Practically every area of the United States is subject to some sort of natural disaster whether it be flood, fire, hurricane or other, and companies shouldn't leave their businesses' well-being to chance.

Unpredicted man-made or natural incidents, or even human error, require special planning that differs from a traditional back-up and High Availability services. In order to prevent significant business interruption, companies of any size should understand what a DRP is, its elements and how to properly for it.

Virtual Data Center

Virtual Data Center (VDC) is a Telefónica Cloud solution, based on VMware that enables customers to deploy virtual data processing infrastructures on a robust, elastic and flexible platform, with maximum security.

This solution integrates natively with the different layers and portals of VDC management, offering a very powerful solution to companies in terms of RTO and level of information retrieval, the RPO in case of contingency.

The functionality of Disaster Recovery as a Service allows the user to replicate the data of their own private cloud over VDC 4.0. In order to guarantee the security of business data, replication is done through private networks.

The solution also allows the user to configure, maintain and monitor the DRaaS VDC service through the Replication Portal, enabling the protection of the virtual environments and the network configuration of the replicated Virtual Machines once they are powered on at the destination.

Containers, DevOps sharing the same management model as Virtual Machines



Packaged Applications, reducing delivery time and effort significantly



Web/App Server



Directory



Database



Big Data

Data Protection at multiple levels. Best-of-breed solutions with self-service capabilities



Security



OS Patches & Updates



Back-up



Disaster Recovery

Value-Added Services, differential functionality developed by Telefónica



Monitoring



Autoscaling

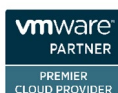


NAS



Cluster Storage

VMware, a well-known and reliable Cloud Provider Platform for enterprise applications



Communications, best cloud connectivity to expand your business without limitations



WAN2 Cloud



SDWAN



VPN



L2 & L3

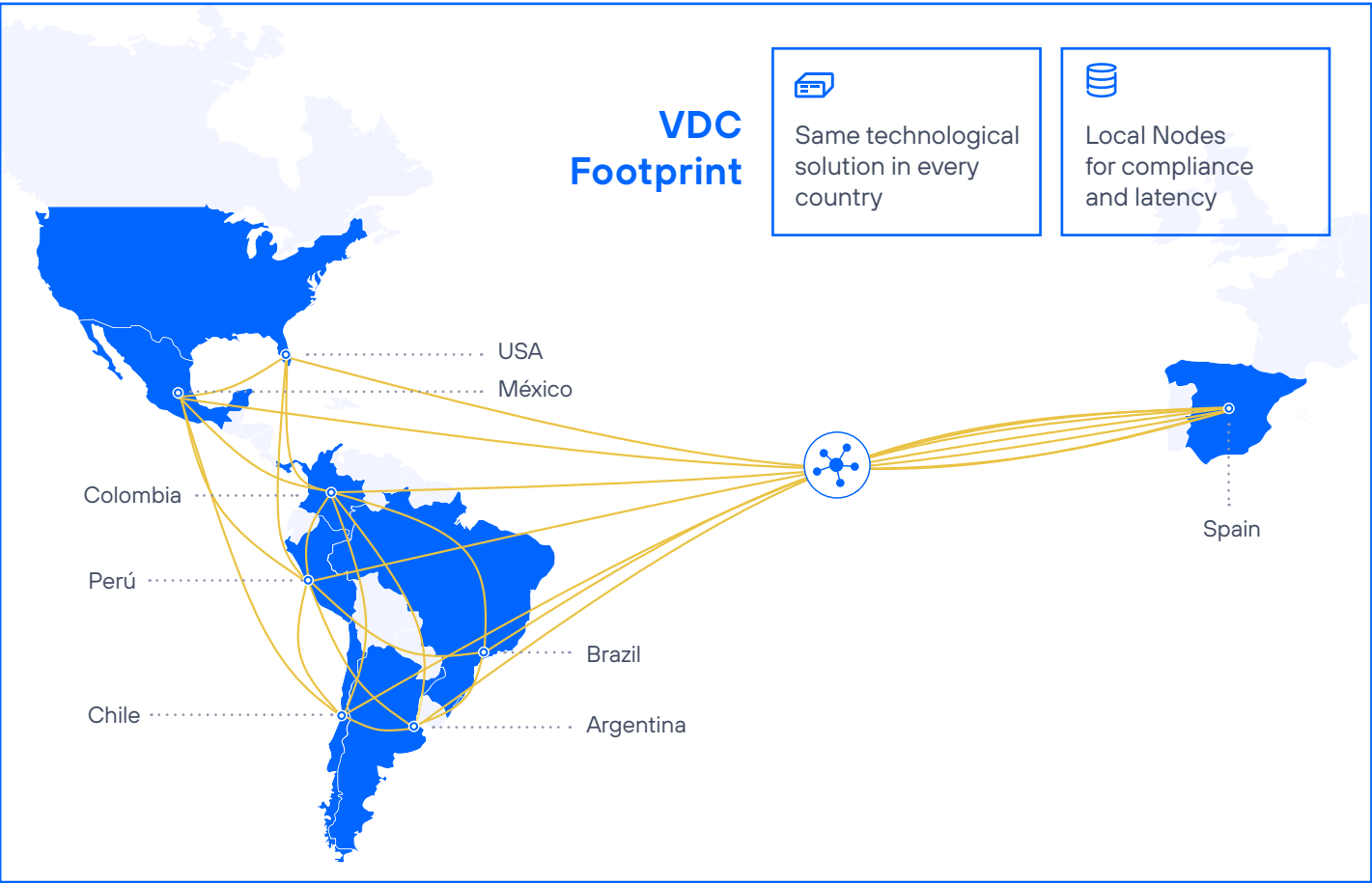
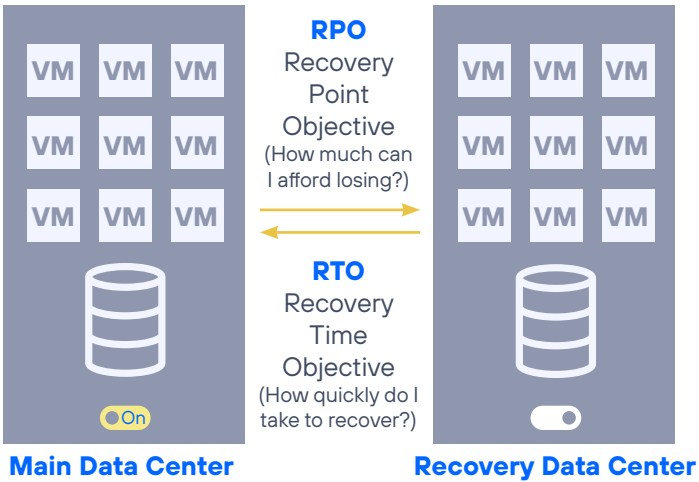
Disaster Recovery as a Service

About DRaaS

Disaster Recovery-as-a-Service (DRaaS) allows enterprises to host the infrastructure of their production environment within their own data center (internally), whilst using a cloud service provider (CSP) as the recovery site and replication target.

The replication and hosting can be hosted on physical or virtual servers, carried out by a third party to provide failover in the event of a man-made or natural disaster.

In this scenario the traditional DR solution is taken to the cloud, maintaining a real-time copy of the virtual platform at the hypervisor level, which offers an advantage over traditional Back-up and Storage Replication services, as little or no downtime is experienced by the organization.



VDC Multi-node Self-service Portal

