



FUNDAMENTOS DE TELECOMUNICACIONES

Investigación AWS VPC



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Amazon Web Services

Amazon Web Services encompasses a large number of services for carrying out different types of activities in the cloud. From storage to instance management, virtual images, mobile application development, etc., the Amazon cloud has been consolidating over the years as one of the largest in the market. However, other emerging markets on these platforms have managed to become worthy rivals, such as Microsoft and its Azure.

What is Amazon Web Services?

Amazon Web Services, also known as AWS, is a set of cloud computing tools and services from Amazon. This service was officially launched in 2006 and by June 2007 AWS already had a user base of approximately 180,000 people. Among the companies that use it are some like Reddit, Foursquare, Pinterest, Netflix, NASA or the CIA, and some Spanish companies like Mapfre, FC Barcelona or Interflora. This is mainly due to the maturity of the service compared to other similar ones and the possibilities offered by the wide range of tools available. In the Cloud Computing Guide, you can find a comparison of all the tools of Amazon Web Services with those of other similar platforms.

Amazon Virtual Private Cloud

Amazon Virtual Private Cloud (Amazon VPC) allows you to provision a logically isolated section of the AWS cloud, where you can launch AWS resources on a virtual network you define. You can control all aspects of the virtual network environment, including selecting your own range of IP addresses, creating subnets, and configuring network routing tables and gateways. You can use both IPv4 and IPv6 on your VPC to access resources and applications securely and easily.

It is easy to customize Amazon VPC network settings. For example, you can create a publicly accessible subnet for web servers that have access to the Internet. You can also place your backend systems, such as application servers or databases, on a subnet with private access without Internet access. You can use several layers of security, including security groups and network access control lists, to help control access to Amazon EC2 instances on each subnet.