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CARRERA: INGENIERÍA EN SISTEMAS COMPUTACIONALES

CURSO: FUNDAMENTOS DE TELECOMUNICACIONES

INVESTIGACIÓN AWS VPC

AWS

Amazon web service offers different services to be able to perform them in the cloud, these activities can be storage, instance management, virtual images or mobile application development, among more things. AWS offers many tools and services that different companies have purchased.

More specifically, AWS offers cloud computing that serves for instantiation and maintenance or scaling, also databases that can remain in the cloud, also virtual networking through the cloud, AWS also helps with business applications, also different types of storage, both for files with regular access, infrequent or even as a file, also with business intelligence, management of mobile applications with tools such as Amazon hub, internet of things, tools for developers to store or implement code or also publish software, security and access control, etc.

VPC

The virtual private cloud is in a public cloud that allows you to take advantage of virtualized clouds. Allows you to provision a section on Amazon AWS. You can control aspects of virtual networks such as selecting your own IP address range, creating subnets, and configuring routing tables and network gateways. This brings benefits such as direct connection to the Internet, Internet connection through network address translation, secure connection to the data center of a company in which all traffic coming from and directed to the instances of your VPC can be routed up to The data center of a company, also offers private connection to other VPCs, also connect to Amazon S3 without using the Internet with control buckets, requests, users or groups are allowed through a connection point of the VPC for S3, etc.

VPC has use cases, one case is to host a basic web application and enjoy the benefits of additional layers of privacy and security. Another case is multi-tier web application hosting. Also disaster recovery. Another case is the expansion of the corporate network to the cloud. Another secure connection from cloud applications to your data center. Finally, Inspection of out-of-band and internal traffic. More specifically, AWS offers cloud computing that serves for the creation of instances and maintenance or scaling, also databases that can remain in the cloud, also creating virtual networks through from the cloud, AWS also helps with business applications, also different types of storage, both for files with regular access, infrequent or even as an archive, also with business intelligence, management of mobile applications with tools such as, Amazon hub, internet of things, developer tools to store or implement code or also publish software, security and access control, etc.

Bibliografías

Autor desconocido. (desconocido). Amazon Virtual Private Cloud. 2020, de AWS Sitio web: <https://aws.amazon.com/es/vpc/>

Autor desconocido. (Año desconocido). Amazon Web Services. 2020, de Tic Portal Sitio web: <https://www.ticportal.es/temas/cloud-computing/amazon-web-services>

Autor desconocido. (Año desconocido). AMAZON RED VIRTUAL EN LA NUBE (VPC). 2020, de IBEST-CLOUD Sitio web: <https://www.inbest.cloud/amazon-vpc>