

INSTITUTO TECNOLÓGICO DE CANCUN



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Name of course: Fundamentos De Telecomunicaciones

Name of Unit: Sistemas de comunicación

N.º Of Activity: 7

Name Of Activity: Investigacion Of AWS VPC

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What is AWC-VPC?

amazon VPC is a virtual network in the cloud created by amazon VPC that tends to be isolated from the rest of the virtual networks that exist in the AWS.

They use AWS resources within the amazon VPC network and there create Amazon EC2 instances. This is achieved by configuring the network elements such as IP range, subnets, routing tables or gateways.

- Subnet: It is the way that Amazon VPC has to create partitions of the same private network. This subnet acts as a network by itself, with its own routing table for managing the traffic of the instances within the subnet itself.
- Routing table: they are used to redirect traffic within the network correctly. A single routing table can have multiple associated subnets, but a subnet can only have one associated routing table at a time.
- IP Range: The private IP addresses that Amazon VPC provides are not accessible from the Internet, but can be used to communicate between instances within the same private network. Public IP addresses need to first contact a gateway so that they can be accessed from computers connected to the Internet.

