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**Instituto Tecnológico de Cancún**

**AWS VPC**  
**INVESTIGACION**

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# AWS VPC

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

It's easy to customize your 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 put your backend systems, such as application servers or databases, on a subnet with private access without Internet access. You can use multiple layers of security, including security groups and network access control lists, to help control access to Amazon EC2 instances on each subnet.