What is Amazon VPC?

Amazon Virtual Private Cloud (Amazon VPC) enables you to launch AWS resources into a virtual network that you've defined. This virtual network closely resembles a traditional network that you'd operate in your own data center, with the benefits of using the scalable infrastructure of AWS.

## Access Amazon VPC

You can create, access, and manage your VPCs using any of the following interfaces:

* **AWS Management Console** — Provides a web interface that you can use to access your VPCs.
* **AWS Command Line Interface (AWS CLI)** — Provides commands for a broad set of AWS services, including Amazon VPC, and is supported on Windows, Mac, and Linux. For more information, see [AWS Command Line Interface](https://aws.amazon.com/cli/).
* **AWS SDKs** — Provides language-specific APIs and takes care of many of the connection details, such as calculating signatures, handling request retries, and error handling. For more information, see [AWS SDKs](http://aws.amazon.com/tools/#SDKs).
* **Query API** — Provides low-level API actions that you call using HTTPS requests. Using the Query API is the most direct way to access Amazon VPC, but it requires that your application handle low-level details such as generating the hash to sign the request, and error handling. For more information, see [Amazon VPC actions](https://docs.aws.amazon.com/AWSEC2/latest/APIReference/OperationList-query-vpc.html) in the Amazon EC2 API Reference.

## Pricing for Amazon VPC

There's no additional charge for using a VPC. There are charges for some VPC components, such as NAT gateways, Reachability Analyzer, and traffic mirroring. For more information, see [Amazon VPC Pricing](http://aws.amazon.com/vpc/pricing/).