

To deploy/host your web application on AWS VPC (Virtual Private Cloud), follow these steps:

1. Create an AWS account: If you don't already have an AWS account, create one at <https://aws.amazon.com/>.
2. Create a VPC: Go to the VPC console and create a new VPC. This will be the virtual network where your web application will be deployed. You can configure the VPC to have public and private subnets, and security groups to control traffic to and from your application.
3. Launch an EC2 instance: Launch an Amazon Elastic Compute Cloud (EC2) instance within your VPC. You can choose an Amazon Machine Image (AMI) that has your desired operating system and application server. Once the instance is launched, you can configure security groups to control traffic to and from the instance.
4. Install your web application: Connect to your EC2 instance using SSH and install your web application. This could involve installing any necessary software packages, configuring your web server (e.g., Apache or Nginx), and deploying your application code.
5. Assign an Elastic IP address: To make your web application accessible from the internet, you need to assign an Elastic IP address to your EC2 instance. An Elastic IP address is a static, public IP address that can be associated with an EC2 instance and reassigned if necessary.
6. Update DNS records: Update your domain name system (DNS) records to point to the Elastic IP address of your EC2 instance. This will allow users to access your web application using your domain name.

Alternatively, you can use AWS CloudFormation to automate the creation of your VPC and EC2 instance. AWS CloudFormation is a service that helps you create and manage AWS resources using templates that describe the infrastructure you want to create.

Here are the steps to use AWS CloudFormation to deploy your web application on AWS VPC:

1. Create an AWS account: If you don't already have an AWS account, create one at <https://aws.amazon.com/>.

2. Create a CloudFormation stack: Go to the CloudFormation console and create a new stack. You can use one of the pre-built templates to create your VPC, or create your own template.

3. Launch the stack: Launch your CloudFormation stack, and wait for it to complete. This will create your VPC and launch your EC2 instance.

4. Install your web application: Connect to your EC2 instance using SSH and install your web application. This could involve installing any necessary software packages, configuring your web server (e.g., Apache or Nginx), and deploying your application code.

5. Assign an Elastic IP address: To make your web application accessible from the internet, you need to assign an Elastic IP address to your EC2 instance. An Elastic IP address is a static, public IP address that can be associated with an EC2 instance and reassigned if necessary.

6. Update DNS records: Update your domain name system (DNS) records to point to the Elastic IP address of your EC2 instance. This will allow users to access your web application using your domain name.

AWS VPC gives you full control over your virtual network, and allows you to deploy and manage your web application in a secure and isolated environment.