

## How to Host a Static Website on EC2

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Launch an EC2 instance by login into your AWS Account we are using Amazon Linux 2

Name

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An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

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Amazon Machine Image (AMI)

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type  
ami-074dc0a6f6c764218 (64-bit (x86)) / ami-019774e5caffd1685 (64-bit (Arm))  
Virtualization: hvm    ENA enabled: true    Root device type: ebs

Free tier eligible ▼

Description

Create a new key pair to connect to your instance.

▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - required

▼

[Create new key pair](#)

**Allow HTTP Traffic for your instance by enabling the checkbox.**

**Note: - Without HTTP Access your website is not accessible globally.**

**Firewall (security groups)** [Info](#)  
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☒ Create security group ☐ Select existing security group


We'll create a new security group called 'launch-wizard-3' with the following rules:

☒ Allow SSH traffic from  
Helps you connect to your instance 

Anywhere  
0.0.0.0/0

☐ Allow HTTPS traffic from the internet  
To set up an endpoint, for example when creating a web server

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 Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

×

**Now Connect to your Instance.**


**Connect to instance** [Info](#)  
Connect to your instance i-0d5f8bad2c48398db (hello\_world) using any of these options


EC2 Instance Connect

Session Manager

SSH client


EC2 serial console

Instance ID  
 i-0d5f8bad2c48398db (hello\_world)

Public IP address  
 15.206.68.32

User name

Connect using a custom user name, or use the default user name ec2-user for the AMI used to launch the instance.

 **Note:** In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

Cancel

Connect

Now the most important steps.

**Install the Apache Server By using Below Command**

```
yum install -y httpd
```

**Now start the Apache service by using below command**

```
systemctl start httpd
```

**Now to run Apache Service automatically at startup use the below command**

```
systemctl enable httpd
```

**Now to put your html code to the file use below command**

```
echo "<h1>Hello World</h1>" /var/www/html/index.html
```

**Now Access your website with the public IPV4 address.**

**Instance summary for i-0d5f8bad2c48398db (hello\_world)** [Info](#)  
Updated less than a minute ago

Instance ID i-0d5f8bad2c48398db (hello_world)	Public IPv4 address 15.206.68.32   <a href="#">open address</a>
IPv6 address -	Instance state ✔ Running



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