






LAUNCHED AN EC2 INSTANCE, INSTALLED WORDPRESS TO DEPLOY MY BLOG

STEP 1: launch My EC2 Instance


Resources [EC2 Global View](#)  

You are using the following Amazon EC2 resources in the Europe (Stockholm) Region:


Instances (running)	0	Auto Scaling Groups	0	Capacity Reservations	0
Dedicated Hosts	0	Elastic IPs	0	Instances	0
Key pairs	0	Load balancers	0	Placement groups	0
Security groups	1	Snapshots	0	Volumes	0

Launch instance
To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

[Launch instance](#)  [Migrate a server](#) 

Note: Your instances will launch in the Europe (Stockholm) Region

Service health
[AWS Health Dashboard](#) 

Region
Europe (Stockholm)

Status
 This service is operating normally.

Name my Instance

Name and tags [Info](#)


Name

[Add additional tags](#)

Choose my SERVER Type



WordPress Certified by Bitnami and Automattic

By [Bitnami by VMware](#)  | Ver 6.7.1-1-r01 on Debian 12

★★★★☆136 AWS reviews 

Bitnami, the leaders in application packaging, and Automattic, the experts behind WordPress, have teamed up to offer this official WordPress image on AWS Marketplace. WordPress is the world's most popular content management platform. Whether it's for an enterprise or small business website, or a pe...

[Select](#)


Choose my instance type

▼ Instance type [Info](#) | [Get advice](#)

Instance type

t2.micro

Family: t2 1 vCPU 1 GiB Memory Current generation: true

Free tier eligible 

☐ All generations

[Compare instance types](#)

The AMI vendor recommends using a t3a.small instance (or larger) for the best experience with this product.

Generate my Keypair

Create key pair

Key pair name

Key pairs allow you to connect to your instance securely.

mywordpressblog

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

☒ RSA
RSA encrypted private and public key pair

☐ ED25519
ED25519 encrypted private and public key pair

Private key file format

☒ .pem
For use with OpenSSH

☐ .ppk
For use with PuTTY

⚠ When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. [Learn more](#)

Cancel

Create key pair

Set Security Group (Allow SSH)

Additional charges apply when outside of free tier allowance

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 'WordPress Certified by Bitnami and Automattic-6.7.1-1-r01 on Debian 12-AutogenByAWSMP--1' with the following rules:

☒ Allow SSH traffic from
Recommended rule from AMI

Anywhere
0.0.0.0/0

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

☒ Allow HTTP traffic from the internet
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Choose Storage Size

▼ Configure storage

Info

Advanced

1x 30 GiB gp2 Root volume (Not encrypted)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

×

LAUNCH MY INSTANCE

Success

Successfully initiated launch of instance [\(i-01e67db010d287dca\)](#)

► Launch log

Instances (1) Info

Find Instance by attribute or tag (case-sensitive)

All states

Instance ID = i-01e67db010d287dca

Clear filters

< 1 > ⚙

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
<input type="checkbox"/>	vickyswordpressblog	i-01e67db010d287dca	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b	ec2-54-221-101

STEP 2: Connect my instance to my Server

Copy my public ipv4

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

All states

Instance ID = i-01e67db010d287dca

Clear filters

< 1 > ⚙

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
<input checked="" type="checkbox"/>	vickyswordpressblog	i-01e67db010d287dca	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b	ec2-54-221-101

i-01e67db010d287dca (vickyswordpressblog)

Details Status and alarms Monitoring Security Networking Storage Tags

▼ Instance summary Info

Instance ID
i-01e67db010d287dca

IPv6 address
-

Public IPv4 address copied

54.221.101.93 | open address

Instance state
Running

Private IPv4 addresses
172.31.22.163

Public IPv4 DNS
ec2-54-221-101-93.compute-1.amazonaws.com | open address

Paste in a new URL window

54.221.101.93/wp-admin

User's blog

Sample Page

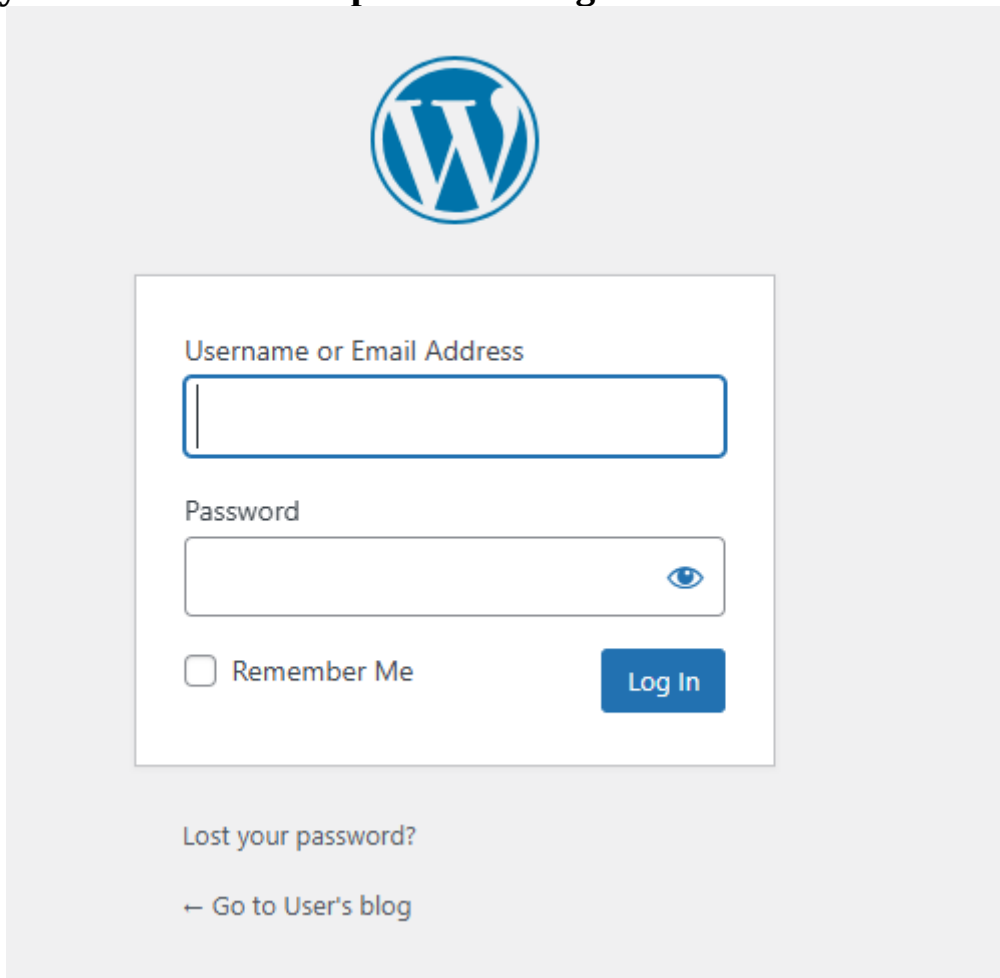
Blog

Hello world!

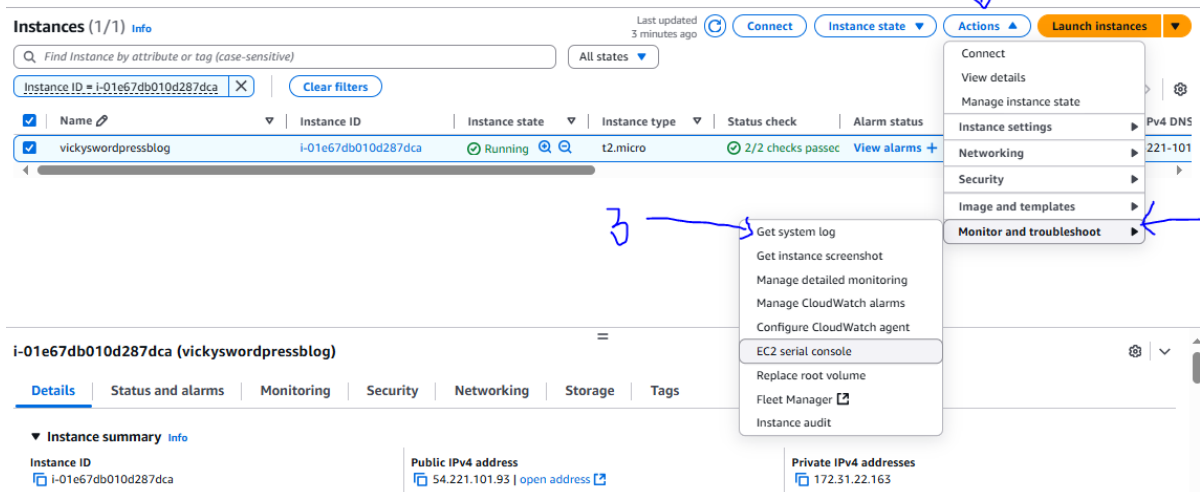
Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

December 10, 2024

My WORDPRESS is up and running !!



Connect to my Terminal for Sign in details

A screenshot of the AWS Management Console showing the EC2 Instances page. The top bar shows "Instances (1/1)" and "Info". Below the header is a table of instances. The first instance is "vickyswordpressblog" with ID "i-01e67db010d287dca", state "Running", type "t2.micro", and status "2/2 checks passed". A blue arrow points to the "Actions" button in the top right. A dropdown menu is open from the "Actions" button, showing options like "Connect", "View details", "Manage instance state", "Instance settings", "Networking", "Security", "Image and templates", and "Monitor and troubleshoot". A blue arrow points to the "EC2 serial console" option in the dropdown. Below the table, the details for the selected instance "i-01e67db010d287dca (vickyswordpressblog)" are shown. The "Details" tab is active, displaying the "Instance summary" with fields for "Instance ID", "Public IPv4 address", and "Private IPv4 addresses".

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
vickyswordpressblog	i-01e67db010d287dca	Running	t2.micro	2/2 checks passed	View alarms

i-01e67db010d287dca (vickyswordpressblog)

Details | Status and alarms | Monitoring | Security | Networking | Storage | Tags

Instance summary

Instance ID: i-01e67db010d287dca

Public IPv4 address: 54.221.101.93 | open address

Private IPv4 addresses: 172.31.22.163

Getting my Sign in details

Get system log Info

When you experience issues with your EC2 instance, reviewing system logs can help you pinpoint the cause.

System log 🔄 📄 Copy log 📄 Download

Review system log for instance i-01e67db010d287dca as of Tue Dec 10 2024 15:06:24 GMT+0100 (hora estándar de Europa central)

```
[ 12.159466] bitnami[480]: Setting up swapspace version 1, size = 634.8 MiB (665595904 bytes)
[ 12.160979] bitnami[480]: no label, UUID=41e9f7e1-1b27-46ec-be77-fe895d176555
[ 12.295455] Adding 649996k swap on /mnt/.bitnami.swap. Priority:-2 extents:13 across:10010620k ss
[ 12.167346] bitnami[480]: ## 2024-12-10 13:58:15+00:00 ## INFO ## Running /opt/bitnami/var/init/pre-start/030_get_default_passwords...
[00:32m OK [0m] Finished [0;1;39me2scrub_reap.servã@;ine ext4 Metadata Check Snapshots.
[ 12.659523] bitnami[480]: #####
[ 12.660990] bitnami[480]: #
[ 12.663416] bitnami[480]: #      Setting Bitnami application password to 'H3H9oTQr0ab.' #
[ 12.664623] bitnami[480]: #      (the default application username is 'user') #
[ 12.666059] bitnami[480]: #
[ 12.667290] bitnami[480]: #####
[ 12.701728] bitnami[468]: ## 2024-12-10 13:58:16+00:00 ## INFO ## Running first-boot...
[ 13.423040] bitnami[1268]: 2024-12-10T13:58:16.856Z - info: Saving configuration info to disk
[ 13.577930] bitnami[1268]: (node:1267) [DEP0005] DeprecationWarning: Buffer() is deprecated due to security and usability issues. Please use the Buffer.alloc
[ 13.580656] bitnami[1268]: (Use `node --trace-deprecation ...` to show where the warning was created)
[ 14.272116] bitnami[1268]: 2024-12-10T13:58:17.706Z - info: Saving configuration info to disk
[ 14.279093] bitnami[1268]: 2024-12-10T13:58:17.713Z - warn: No peerAddress provided. Skipping hosts file section
[ 14.999053] bitnami[1268]: 2024-12-10T13:58:18.433Z - info: Initializing module gonit
[ 15.000440] bitnami[1268]: 2024-12-10T13:58:18.433Z - info: Initializing module render-template
[ 15.004078] bitnami[1268]: 2024-12-10T13:58:18.436Z - info: Initializing module ini-file
[ 15.005443] bitnami[1268]: 2024-12-10T13:58:18.436Z - info: Initializing module php
[ 15.400664] bitnami[1268]: @[38:5:6mho_@[38:5:5m13:58:18_80_@f0m@[38:5:2mTWE0_@f0m --> Configuring PHP options
```

Start to build my blog website on Wordpress after installing it up on my launched EC2 instance.

The screenshot shows the WordPress Dashboard interface. At the top, there's a 'Welcome to WordPress!' message with a link to 'Learn more about the 6.7.1 version.' Below this, there are three main sections: 'Author rich content with blocks and patterns', 'Customize your entire site with block themes', and 'Switch up your site's look & feel with Styles'. Each section has a brief description and a link to 'Add a new page', 'Open site editor', or 'Edit styles'. At the bottom, there are two widgets: 'Site Health Status' and 'Quick Draft'. The 'Site Health Status' widget shows 'No information yet...' and a link to 'visit the Site Health screen'. The 'Quick Draft' widget has fields for 'Title' and 'Content'.

I successfully launched my EC2 instance, Installed a WORDPRESS Website builder and started with the creation of my personal blog.

I successfully interacted with an EC2 instance in this project by using it launch a website and hosting it directly on the AWS EC2 instance.