



# Pandora FMS installation on EC2



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<https://pandorafms.com/manual/!current/>

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[https://pandorafms.com/manual/!current/en/documentation/pandorafms/technical\\_reference/08\\_ami\\_ec2](https://pandorafms.com/manual/!current/en/documentation/pandorafms/technical_reference/08_ami_ec2)

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## Configuration of a Pandora FMS server from a public AMI image

A new AMI for Pandora FMS has been created in the “Community AMI” section of Amazon EC2. To get this feature, you must be previously registered in Amazon Web Services and have access to the community AMIs, in order to be able to deploy this correctly in your Amazon VM.

Once you accessed the EC2 panel, you will be able to find the option that says Launch Instance.

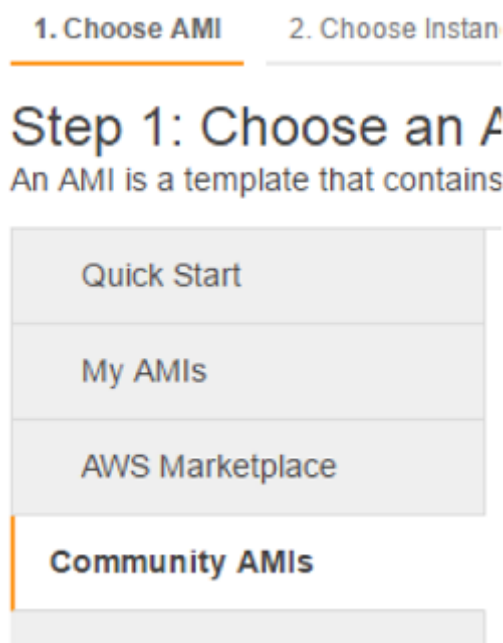
### Create Instance

To start using Amazon EC2 you will want to launch a virtual server, known as an Amazon EC2 instance.

Launch Instance

## Selection of AMI

The first step in launching this image is to select the option marked “Community AMI”.



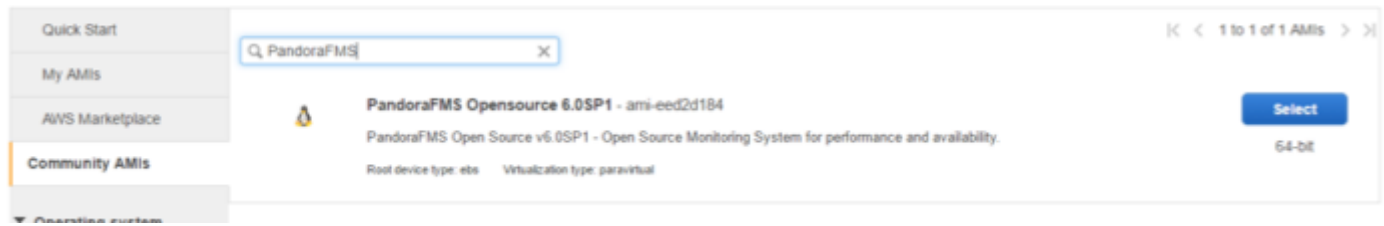
This will lead to a search bar at the top of the screen, where you should search for “Pandora FMS”.

## Step 1: Choose an Amazon Machine Image (AMI)

[Cancel and Exit](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance.

You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.



## Type of instance

When you find the Pandora FMS AMI, click Select, and proceed to the second step, which is “select the type of instance”. From those that appear on the screen, you will be able to choose the one you need according to the assigned load.

<input type="checkbox"/>	General purpose	m3.medium	1	3.75	1 x 4 (SSD)	-	Moderate
<input type="checkbox"/>	General purpose	m3.large	2	7.5	1 x 32 (SSD)	-	Moderate
<input type="checkbox"/>	General purpose	m3.xlarge	4	15	2 x 40 (SSD)	Yes	High
<input type="checkbox"/>	General purpose	m3.2xlarge	8	30	2 x 80 (SSD)	Yes	High
<input type="checkbox"/>	General purpose	m1.small	1	1.7	1 x 160	-	Low
<input type="checkbox"/>	General purpose	m1.medium	1	3.7	1 x 410	-	Moderate
<input type="checkbox"/>	General purpose	m1.large	2	7.5	2 x 420	Yes	Moderate
<input type="checkbox"/>	General purpose	m1.xlarge	4	15	4 x 420	Yes	High

## Instance details

Once it has been selected, proceed to step 3: instance details. Here you may leave the default values assigned.

### Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances	<input type="text" value="1"/>	<a href="#">Launch into Auto Scaling Group</a>
Purchasing option	<input type="checkbox"/> Request Spot instances	
Network	<input type="text" value="Launch into EC2-Classic"/>	<a href="#">Create new VPC</a>
Availability Zone	<input type="text" value="No preference"/>	
IAM role	<input type="text" value="None"/>	<a href="#">Create new IAM role</a>
Shutdown behavior	<input type="text" value="Stop"/>	
Enable termination protection	<input type="checkbox"/> Protect against accidental termination	
Monitoring	<input type="checkbox"/> Enable CloudWatch detailed monitoring	<a href="#">Additional charges apply.</a>

## Virtual machine assignment

During step 4, select the storage allocated to the Virtual Machine to be used. The minimum for that is 20 GB. The faster the storage hardware, the better.

### Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Delete on Termination	Encrypted
Root	/dev/sda	snap-195d401f	<input type="text" value="20"/>	General Purpose SSD (GP2)	60 / 3000	<input checked="" type="checkbox"/>	Not Encrypted

[Add New Volume](#)

## Permits and security

In step 5, the name and labels are configured, customizing them according to the needs. From there we move on to step 6, which is the most important step when creating the VM. At least, these permissions will be assigned to configure the security of the VM:

Type	Protocol	Port Range	Source
SSH	TCP	22	0.0.0.0
HTTP	TCP	80	0.0.0.0
MySQL/Amazon	TCP	3306	0.0.0.0
Custom TCP Rule	TCP	41121	0.0.0.0
All ICMP	All	All	0.0.0.0

Once finished, the VM should be started with the password configured with the account. Once

completed, the instance should be listed as such:



A screenshot of the AWS Management Console showing an EC2 instance. The instance name is 'Pandora FMS', its ID is 'i-4b1d67c8', and it is running in the 'us-east-1' region. The instance is in the 'running' state, with a green dot indicating its status. The console shows the instance is 'Initializing' and 'Loading...'. The public IP address is '54.204.98.39'.

## Login

Execute the preferred browser and enter the IP address that shows our VM, this should open Pandora FMS home screen. Now you will be able to access the tool by entering pandora as username and password by default (being possible to change it later).

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