



Install in EC2 using public AMI



om:

<https://pandorafms.com/manual/!775/>

permanent link:

https://pandorafms.com/manual/!775/en/documentation/pandorafms/technical_reference/08_ami_ec2

2024/03/18 21:03



Install in EC2 using public AMI

We are working on the translation of the Pandora FMS documentation. Sorry for any inconvenience.

Setup a Pandora FMS server from public AMI Image

We have created a new AMI for Pandora FMS on Amazon EC2's 'Community AMI' section. To get this to function you previously must be signed up for Amazon Web Services and have access to the community AMI's in order to correctly deploy this onto your Amazon VM.

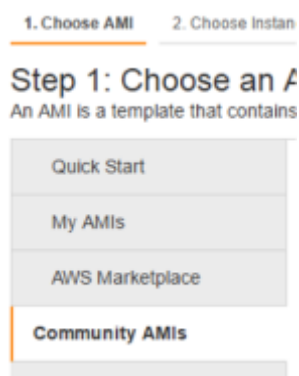
Once our EC2 Dashboard has been accessed we can find the option labeled "Launch Instance"

Create Instance

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

Launch Instance

The first step to launching this image is to select the option marked "Community AMIs"



This'll lead us to a search bar on the top part of our screens, where we will 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.

Quick Start | My AMIs | AWS Marketplace | **Community AMIs**

Search: PandoraFMS

PandoraFMS Opensource 6.0SP1 - ami-ee2d184 Select

PandoraFMS Open Source v6.0SP1 - Open Source Monitoring System for performance and availability.

Root device type: ebs Virtualization type: paravirtual

64-bit

Here we should be able to find the Pandora FMS AMI. By clicking on 'select' we move on to the second step which is 'selecting instance type'. From those that appear on the screen, we'll be able to choose whichever we prefer, according to the load assigned.

<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

Once that has been selected, we move on to step 3: instance details. Here we can leave our default values assigned, if that is what we prefer to do.

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 ⓘ [Launch into Auto Scaling Group](#) ⓘ

Purchasing option ⓘ Request Spot instances

Network ⓘ [Create new VPC](#)

Availability Zone ⓘ

IAM role ⓘ [Create new IAM role](#)

Shutdown behavior ⓘ

Enable termination protection ⓘ Protect against accidental termination

Monitoring ⓘ Enable CloudWatch detailed monitoring
[Additional charges apply.](#)

During step 4 we'll select the storage assigned to the VM we'll be using. The minimum for this is 20GB. Remember: the faster the HDD, 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	20	General Purpose SSD (GP2)	60 / 3000	<input checked="" type="checkbox"/>	Not Encrypted

[Add New Volume](#)

During step 5 we'll configure the name and tags, customizing them to our needs. We then move on to step 6 which is by far the most important one when creating the VM. We'll assign at least these permits to be able to configure our VM's security.

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	N/A	0.0.0.0

Once this is finished we should run the VM with the passkey we've configured for our account to access the devices effortlessly. Once that is completed, the instance should appear on our list as such

	Pandora FMS	i-4b1d67c8	m1.small	us-east-1e	● running	 Initializing	 Loading...	ec2-54-204-98-39.comp...	54.204.98.39
--	-------------	------------	----------	------------	--	--	--	--------------------------	------------------------------

Lastly, we need to open our browser of choice and enter the IP shown on our VM, this should open the Pandora FMS login screen. We may now access the tool by introducing 'pandora' as the default username and password (which can be changed later).



[Go back to Pandora FMS documentation index](#)