

Setting up Amazon EC2 for OpenERP

Step 1

- After creating an EC2 account, login to your account in Amazon Management Console from <http://aws.amazon.com/console/>
- Go to the EC2 tab and Click on Launch Instance

The screenshot displays the Amazon Management Console interface for the Amazon EC2 service. The browser address bar shows the URL <https://console.aws.amazon.com/ec2/home?region=us-east-1>. The page header includes the AWS logo and navigation links for Products, Developers, Community, Support, and Account. The user is logged in as 'Faisal'. The main content area is titled 'Amazon EC2 Console Dashboard' and is divided into several sections:

- Navigation:** A sidebar on the left with a 'Region' dropdown set to 'US East'. It lists various EC2-related categories such as INSTANCES (EC2 Dashboard, Instances, Spot Requests), IMAGES (AMIs, Bundle Tasks), ELASTIC BLOCK STORE (Volumes, Snapshots), and NETWORKING & SECURITY (Security Groups, Placement Groups, Elastic IPs, Load Balancers, Key Pairs).
- Getting Started:** A yellow box containing the text: 'To start using Amazon EC2 you will want to launch a virtual server, known as an Amazon EC2 instance.' Below this text is a prominent 'Launch Instance' button. A note below the button states: 'Note: Your instances will launch in the US East (Virginia) region.'
- Service Health:** A section showing the 'Current Status' of Amazon EC2 (US East - N. Virginia) as 'Service is operating normally'. A 'Details' link is provided to view complete service health details.
- My Resources:** A section titled 'You are using the following Amazon EC2 resources in the US East (Virginia) region:' with a 'Refresh' button. It lists the following resources:
 - 2 Running Instances
 - 2 Elastic IPs
 - 2 EBS Volumes
 - 5 EBS Snapshots
 - 1 Key Pair
 - 2 Security Groups
 - 0 Load Balancers
 - 0 Placement Groups
- Related Links:** A section with links to Documentation, All EC2 Resources, Forums, Feedback, and Report an Issue.

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Step 2

- Search for the AMI “ami-96856dff” from the “My AMIs” tab and Viewing “All Images”. Select this AMI.

The screenshot shows the AWS Management Console interface with the 'Request Instances Wizard' modal open. The wizard is currently in the 'CHOOSE AN AMI' step. The user has selected the 'My AMIs' tab and is viewing 'All Images'. A search filter 'ami-96856dff' is applied, resulting in one AMI being displayed in the table below.

AMI ID	Root Device	Name	Platform	
ami-96856dff	instance-store	mis/fedora-9.apache-2.2.9.manifest.xml	Fedora	Select

Step 3

- Select the Default settings from the next screens in the “Instance Details” step of the wizard.

The screenshot displays the AWS Management Console interface. The main window is titled "Request Instances Wizard" and is currently on the "INSTANCE DETAILS" step. The wizard is divided into five steps: CHOOSE AN AMI, INSTANCE DETAILS, CREATE KEY PAIR, CONFIGURE FIREWALL, and REVIEW. The "INSTANCE DETAILS" step is active, showing the following configuration options:

- Number of Instances:** 1
- Availability Zone:** No Preference
- Instance Type:** Small (m1.small, 1.7 GB)
- Termination Protection:** Prevention against accidental termination.

Below these options, there is a note: "Note, launching a t1.micro instance requires that you select an AMI with an EBS-backed root device." The wizard offers three launch options:

- Launch Instances**
EC2 Instances let you pay for compute capacity by the hour with no long term commitments. This transforms what are commonly large fixed costs into much smaller variable costs.
- Request Spot Instances
- Launch Instances Into Your Virtual Private Cloud

At the bottom of the wizard, there are buttons for "< Back" and "Continue >". The background shows the AWS console navigation pane with the "EC2 Dashboard" selected, and the "Region" set to "US East".

Step 4

- Create a new Key Pair, Download it and share it with us, we can then access your instance using this key once it is up & running

The screenshot shows the AWS Management Console interface. A modal dialog titled "Request Instances Wizard" is open, displaying the "CREATE KEY PAIR" step. The wizard has a progress bar with five steps: CHOOSE AN AMI, INSTANCE DETAILS, CREATE KEY PAIR (current), CONFIGURE FIREWALL, and REVIEW. Below the progress bar, there is a paragraph explaining that public/private key pairs allow secure connection to instances and that a key pair should be generated once. The dialog offers three options: "Choose from your existing Key Pairs", "Create a new Key Pair" (selected), and "Proceed without a Key Pair". Under "Create a new Key Pair", there are two numbered steps: "1. Enter a name for your key pair:*" with a text input field and "(e.g., jdoekey)" as a hint, and "2. Click to create your key pair:*" with a "Create & Download your Key Pair" button. A note below the button says: "Save this file in a place you will remember. You can use this key pair to launch other instances in the future or visit the Key Pairs page to create or manage existing ones." At the bottom of the dialog are "Back" and "Continue" buttons. The background shows the AWS console navigation menu with categories like EC2 Dashboard, INSTANCES, IMAGES, ELASTIC BLOCK STORE, and NETWORKING & SECURITY.

Step 5

- Select the “default” Security group (we will configure this later) and select the “Launch” option from the next step.

The screenshot shows the AWS Management Console interface. A modal window titled "Request Instances Wizard" is open, displaying the "CONFIGURE FIREWALL" step. The wizard's progress bar shows five steps: "CHOOSE AN AMI", "INSTANCE DETAILS", "CREATE KEY PAIR", "CONFIGURE FIREWALL" (current), and "REVIEW".

Text in the wizard: "Security groups determine whether a network port is open or blocked on your instances. You may use an existing security group, or we can help you create a new security group to allow access to your instances using the suggested ports below. Add additional ports now or update your security group anytime using the Security Groups page. All changes take effect immediately."

Options in the wizard:

- Choose one or more of your existing Security Groups
- Create a new Security Group

The "Choose one or more of your existing Security Groups" section contains a dropdown menu labeled "Security Groups:" with "basic" and "default" visible. "default" is selected. Below the dropdown, it says "(Selected groups: default)".

Buttons at the bottom of the wizard: "< Back" and "Continue >".

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Step 6

- Allocate a new IP address from the “Elastic IPs” option from the left navigation

The screenshot shows the AWS Management Console interface for the 'Addresses' page in the 'us-east-1' region. The left navigation pane is expanded to show 'Elastic IPs' under the 'Networking & Security' section. The main content area displays a table of two Elastic IP addresses, each associated with an EC2 instance.

Address	Instance ID
	i-77db331b
	i-69200903

0 Addresses selected
Select an address above

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Step 7

- Associate this Elastic IP to the new instance which you created by right-clicking the IP and selecting Associate.

The screenshot shows the AWS Management Console interface for the 'Addresses' page in the US East region. The page displays a table of Elastic IP addresses and their associated instance IDs. A dialog box titled 'Associate Address' is open, prompting the user to select an instance to associate the IP address to. The dialog box contains a dropdown menu with the following options: 'Select an instance', 'i-69200903', and 'i-77db331b'. The 'Yes, Associate' button is highlighted.

Addresses Table:

Address	Instance ID
[Redacted]	i-77db331b
75.101.159.31	
[Redacted]	i-69200903

Associate Address Dialog:

Select the instance to which you wish to associate this IP address to.

Instance:

- Select an instance
- i-69200903
- i-77db331b

Summary:

1 Address selected

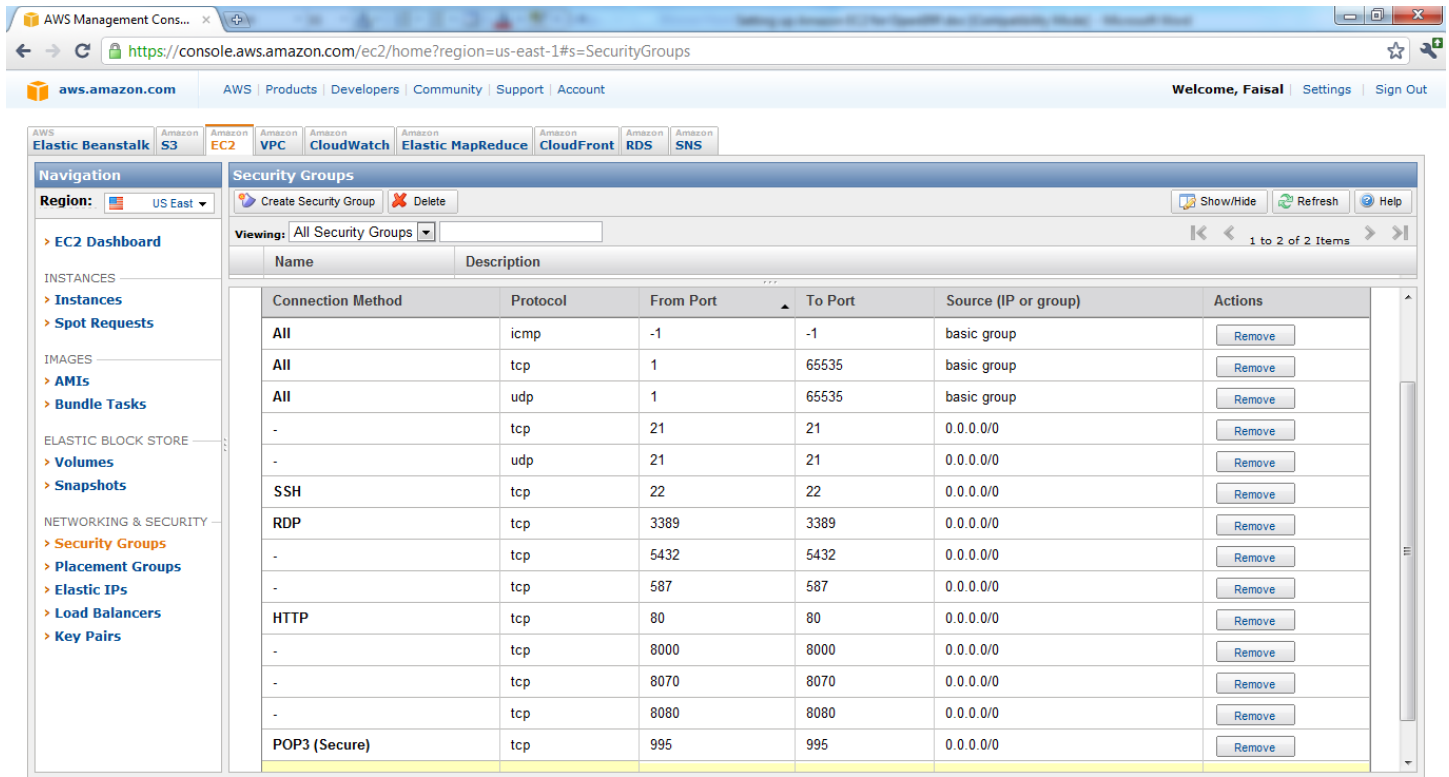
Address: [Redacted]

Address: [Redacted]

Instance ID: -

Step 8

- Go to the Security Group on the left navigation and open some Ports which are required for OpenERP and to be able to send outgoing Email messages.
- The Ports are 8070, 80, 8080, 995, 5432, 25 (SMTP), 587 (Gmail). You can set the Source (IP) to "0.0.0.0/0".



The screenshot shows the AWS Management Console interface for Security Groups in the US East region. The left navigation pane is expanded to show 'Security Groups' under 'NETWORKING & SECURITY'. The main content area displays a table of security groups with the following data:

Name	Description	Connection Method	Protocol	From Port	To Port	Source (IP or group)	Actions
All			icmp	-1	-1	basic group	Remove
All			tcp	1	65535	basic group	Remove
All			udp	1	65535	basic group	Remove
-			tcp	21	21	0.0.0.0/0	Remove
-			udp	21	21	0.0.0.0/0	Remove
SSH			tcp	22	22	0.0.0.0/0	Remove
RDP			tcp	3389	3389	0.0.0.0/0	Remove
-			tcp	5432	5432	0.0.0.0/0	Remove
-			tcp	587	587	0.0.0.0/0	Remove
HTTP			tcp	80	80	0.0.0.0/0	Remove
-			tcp	8000	8000	0.0.0.0/0	Remove
-			tcp	8070	8070	0.0.0.0/0	Remove
-			tcp	8080	8080	0.0.0.0/0	Remove
POP3 (Secure)			tcp	995	995	0.0.0.0/0	Remove