aws Services Resource Groups

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Step 1: Choose an Amazon Machine Image (AMI)

**Type - ami-1e785a7b**

- **SUSE Linux**
  - Free tier eligible
  - SUSE Linux Enterprise Server 12 Service Pack 3 (HVM), EBS General Purpose (SSD) Volume Type. Public Cloud, Advanced Systems Management, Web and Scripting, and Legacy modules enabled.
  - Root device type: ebs
  - Virtualization type: hvm

**64-bit**

**Ubuntu Server 16.04 LTS (HVM), SSD Volume Type - ami-10547475**

- Free tier eligible
  - Ubuntu Server 16.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical (http://www.ubuntu.com/cloud/services).
  - Root device type: ebs
  - Virtualization type: hvm

**64-bit**

[Select button for Ubuntu Server 16.04 LTS (HVM), SSD Volume Type]
## Step 2: Choose an Instance Type

<table>
<thead>
<tr>
<th>Family</th>
<th>Type</th>
<th>vCPUs</th>
<th>Memory (GiB)</th>
<th>Instance Storage (GB)</th>
<th>EBS-Optimized Available</th>
<th>Network Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>General purpose</td>
<td>t2.nano</td>
<td>1</td>
<td>0.5</td>
<td>EBS only</td>
<td>-</td>
<td>Low to Moderate</td>
</tr>
<tr>
<td>General purpose</td>
<td>t2.micro</td>
<td>1</td>
<td>1</td>
<td>EBS only</td>
<td>-</td>
<td>Low to Moderate</td>
</tr>
<tr>
<td>General purpose</td>
<td>t2.small</td>
<td>1</td>
<td>2</td>
<td>EBS only</td>
<td>-</td>
<td>Low to Moderate</td>
</tr>
<tr>
<td>General purpose</td>
<td>t2.medium</td>
<td>2</td>
<td>4</td>
<td>EBS only</td>
<td>-</td>
<td>Low to Moderate</td>
</tr>
<tr>
<td>General purpose</td>
<td>t2.large</td>
<td>2</td>
<td>8</td>
<td>EBS only</td>
<td>-</td>
<td>Low to Moderate</td>
</tr>
</tbody>
</table>
### Step 6: Configure Security Group

**Assign a security group:**
- Create a new security group
- Select an existing security group

**Security group name:**

<table>
<thead>
<tr>
<th>launch-wizard-1</th>
</tr>
</thead>
</table>

**Description:**

launch-wizard-1 created 2017-10-16T14:36:22.909-06:00

<table>
<thead>
<tr>
<th>Type</th>
<th>Protocol</th>
<th>Port Range</th>
<th>Source</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSH</td>
<td>TCP</td>
<td>22</td>
<td>Custom</td>
<td>0.0.0.0/0</td>
</tr>
</tbody>
</table>

[Add Rule]
Select an existing key pair or create a new key pair

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.

**Choose an existing key pair**

Select a key pair

- chancho

☐ I acknowledge that I have access to the selected private key file (chancho.pem), and that without this file, I won't be able to log into my instance.
A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about **removing existing key pairs from a public AMI**.

Create a new key pair

**Key pair name**

encarnacion

---

You have to download the **private key file** (*.pem file) before you can continue. **Store it in a secure and accessible location.** You will not be able to download the file again after it's created.

---

**Cancel**  **Launch Instances**
### EC2 Instances

<table>
<thead>
<tr>
<th>Name</th>
<th>Instance ID</th>
<th>Instance Type</th>
<th>Availability Zone</th>
<th>Instance State</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>i-07615c0b7a16f1880</td>
<td>t2.micro</td>
<td>us-east-2c</td>
<td>running</td>
</tr>
<tr>
<td></td>
<td>i-0aa6e9200a4fd8cd3</td>
<td>t2.nano</td>
<td>us-east-2c</td>
<td>terminated</td>
</tr>
<tr>
<td></td>
<td>i-0f8b95a7a74752eb3</td>
<td>t2.nano</td>
<td>us-east-2c</td>
<td>terminated</td>
</tr>
</tbody>
</table>

Select an instance above.
jfrancom@CIT-SCCT07-1066:~/Downloads$ ssh -i "encarnacion.pem" ubuntu@ec2-13-58-255-155.us-east-2.compute.amazonaws.com
ubuntu@ip-172-31-35-187:~$ echo "A vm on AWS"
A vm on AWS
ubuntu@ip-172-31-35-187:~$