Creating AWS instance using Packer

**Create AWS account and access key for remote API access:**

1. Create AWS account from Amazon.
2. Go to AWS console

<https://console.aws.amazon.com/iam/home#/users>

1. From **Access Management**, click on **Users** and create a new user.
2. Select **“Access Type”** as Programmatic access.
3. From “Set permissions” page, select “Attach existing policies directly” and select Administrator access.
4. In the next tab, add tags and click on create user. You will now get Access key ID and Secret access key.



**Launch instance from AWS console:**

1. Open Amazon EC2 console <https://console.aws.amazon.com/ec2/>
2. From the navigation bar, select the Region in which to launch your instances. You can select any Region that's available to you, regardless of your location.
3. From the console dashboard, choose Launch Instance.
4. The next page lists all the AMI templates. Select the template for which you want to create an instance. Next to the template you can find AMI id which should be specified in the packer template (source\_ami field). Click on Select.
5. Select the type of instance. That will "instance\_type" in the packer template. ("instance\_type": "t2.micro")
6. Click on “Review & Launch” and then Launch.
7. This instance will be used to create the templates.

**Create a Packer template:**

1. Open Amazon EC2 console <https://console.aws.amazon.com/ec2/>