

## EC2 IAM ROLE

### EC2 with role

This json code will go in your ec2trustPolicy.json file

```
{
  "Version": "2012-10-17",
  "Statement": {
    "Effect": "Allow",
    "Principal": {"Service": "ec2.amazonaws.com"},
    "Action": "sts:AssumeRole"
  }
}
```

#### Create role:

```
aws iam create-role --role-name EC2AdminCLi --assume-role-
policy-document file://ec2trustPolicy.json
```

#### Attach Policy:

```
aws iam attach-role-policy --role-name EC2AdminCLi --policy-arn
arn:aws:iam::aws:policy/AmazonEC2FullAccess
```

#### Create an Instance Profile required to contain the role:

```
aws iam create-instance-profile --instance-profile-name EC2-EC2-
full-access
```

#### Attach the role to the instance profile:

```
aws iam add-role-to-instance-profile --instance-profile-name
EC2-EC2-full-access --role-name EC2AdminCli
```

Launch an instance with that role:

```
aws ec2 run-instances --image-id ami-6057e21a --instance-type
t2.micro --iam-instance-profile Name=EC2-EC2-full-access
```

