**-> aws configure**

AWS Access Key ID [None]: AKIAQXRT73O24M7PIFGP

AWS Secret Access Key [None]: x0x9XXXXXXXXXXXXXXXXXXXXXXXIWXjIt

Default region name [None]: ap-south-1

Default output format [None]: json

**-> aws ec2 create-key-pair --key-name MyKeyPair**

{

"KeyFingerprint": "27:9b:b6:37:d0:4e:d4:dd:b0:d5:30:8b:ec:5a:5f:b9:d8:42:a5:0d",

"KeyMaterial": "-----BEGIN RSA PRIVATE KEY-----\nMIIEowIBAAKCAQEAjSXecetpGjX2Ro5p7Wt7m4378STB5C6bay10xzb6TyGLi9ec\naBVqcvfFHY3hMgewb040cOnv2vgdrPdCNQ3f//ka236aCrIRT61Iz5YtrO9cU+Xu\nISC6eniBdDKPj88waRdaGDdVA7zUQwroV19S/fXgT9SAINNgmxcfiohCpvtepcrW\nW8HRIOuW4S1mPNPjL6SyDqZUUb1gsEoau0baj9B10d8YQ8hEcMNtQYCfP0r9dwV9\nLkuiSdXu7buFHxxREAmEzFDpzuj3HElJiCx6s0/Ni3EDL46q5upzwTvcjY/NikOT\nf2/0qe93rzwyA1aP3bsV03wZ6sDJfNqthsGh3QIDAQABAoIBAA2E1AJrPrzQ8E6f\ns0uXINasSbY2BBAb2qzwRKAUBvNvThNNymA5tOFgE9QZ07jb/a0be3BZJ6z8WLNJ\nV2EHfC3jKQxe2tgtZ/UOrsubIbLPljM+8YjgvpueUR/U++UVPhjCsNFi81SRUG8/\nazN7INLMKvjabI84T6drFo1JMcEWao6b9WX1mFmSvhFHXDQGBG+CXw09R7+VhanL\nZUHfkTracIrw3/9ItKjwIQxBabms05pUXa8IK5StY5VghqWf8qz49SGmF/OurVrT\nOZ+/lZg1kBVtOpFSmZVLXlfDtW7p0VyZcC5KW3WuETYKgDDjjWlB2LAO8uRFNJ4D\nKU2slCECgYEA+tpipEkmdzLZ2Fg1FFaz3aJU5bBLa3BXdBKmzjy7emsFHG6sQlw7\nfvw45CIXGMs5Yr88iapPdv0w3yV1NKyUN1HYGxqEWuvvQn0ZGRlDcNtzmr0R7Cca\nJpWuVGalaPpZrkUthcH0vN5cNIt1RVFqexCEBR2lIsZWWBfnZnuCUQkCgYEAkAtA\n4TOkWhYTEGMlXcrKerPRy1L2gBzEsh5uRxmSJDcUNrSq59fHVtLCp50B72L1NR56\n2YUiCEW2dzg4xeYMRMXqhr+oCDpElUeFKhJx5Rr74CNFRigYt2IKLVZYFb80+A9C\neejvVvPZIR8jssQfSyIoQ1OwGbfN9cULxpTlwzUCgYEA59NnEdigecw+0tdBxpgS\nBaN9vf9c09+wko6iJTqvMAUzZgFJpNJEEajaksqGed1mHUIKmlcQtTBsN+0QEivj\nlfRHOVUaOESOiu29ghp83xGQFtLge1PvsPTndQyflRK4SnuYBGMo4FrG77BqIjOJ\nqk2rFGc/M5IEPclpiqZd2rECgYBG4VK+voO8VKpy4ObNPXHfaUbuD1f++KkNoQ3Q\n7NNOANBwjvyecz7DCZkBk7AVFRPmXKZFDU8O1QcRqVe+ghI9cUqTnhHYYpvG/VeY\nuVTUUS/qPlDjUe2/p32si5VythEhk5i5lpbXqcyJkOInIHzpotg/MRoxvZGaw6ik\nwjZBlQKBgA5fsY94NFfeXsXIoe27MtjFkBFg3IKnX9vcpbvVXoX5/HDsd70GlxMZ\n0dFGGpUCUhXgf6/ru711wvnvp9uPpaT3MVn6BDzbDetjNaxWxgNW3yYz/z+orrd5\nzC6DXwTtW9ufb5I+fAo8mYlC/wXKzpmoXSpUjMP0t28z5tqCHwdp\n-----END RSA PRIVATE KEY-----",

"KeyName": "MyKeyPair",

"KeyPairId": "key-0684be976062fd6e4"

}

**-> aws ec2 create-security-group --group-name MySecurityGroup --description "My security group"**

{

"GroupId": "sg-0ef69efcd4eede0ea"

}

**-> aws ec2 run-instances --image-id ami-068d43a544160b7ef --count 1 --instance-type t2.micro --key-name MyKeyPair --security-group-ids sg-0ef69efcd4eede0ea --subnet-id subnet-72d8a43e**

{

"Groups": [],

"Instances": [

{

"AmiLaunchIndex": 0,

"ImageId": "ami-068d43a544160b7ef",

"InstanceId": "i-0fa38e2c84ba22197",

"InstanceType": "t2.micro",

"KeyName": "MyKeyPair",

"LaunchTime": "2021-03-27T10:24:09+00:00",

"Monitoring": {

"State": "disabled"

},

"Placement": {

"AvailabilityZone": "ap-south-1b",

"GroupName": "",

"Tenancy": "default"

},

"PrivateDnsName": "ip-172-31-4-202.ap-south-1.compute.internal",

"PrivateIpAddress": "172.31.4.202",

"ProductCodes": [],

"PublicDnsName": "",

"State": {

"Code": 0,

"Name": "pending"

},

"StateTransitionReason": "",

"SubnetId": "subnet-72d8a43e",

"VpcId": "vpc-4227c629",

"Architecture": "x86\_64",

"BlockDeviceMappings": [],

"ClientToken": "785ded50-aefb-4965-bacc-3700185f3e4f",

"EbsOptimized": false,

"EnaSupport": true,

"Hypervisor": "xen",

"NetworkInterfaces": [

{

"Attachment": {

"AttachTime": "2021-03-27T10:24:09+00:00",

"AttachmentId": "eni-attach-0a40499ba7d050b2c",

"DeleteOnTermination": true,

"DeviceIndex": 0,

"Status": "attaching"

},

"Description": "",

"Groups": [

{

"GroupName": "MySecurityGroup",

"GroupId": "sg-0ef69efcd4eede0ea"

}

],

"Ipv6Addresses": [],

"MacAddress": "0a:80:33:3b:0f:2a",

"NetworkInterfaceId": "eni-0b7f6b7e6a946c7f6",

"OwnerId": "050574908341",

"PrivateDnsName": "ip-172-31-4-202.ap-south-1.compute.internal",

"PrivateIpAddress": "172.31.4.202",

"PrivateIpAddresses": [

{

"Primary": true,

"PrivateDnsName": "ip-172-31-4-202.ap-south-1.compute.internal",

"PrivateIpAddress": "172.31.4.202"

}

],

"SourceDestCheck": true,

"Status": "in-use",

"SubnetId": "subnet-72d8a43e",

"VpcId": "vpc-4227c629",

"InterfaceType": "interface"

}

],

"RootDeviceName": "/dev/xvda",

"RootDeviceType": "ebs",

"SecurityGroups": [

{

"GroupName": "MySecurityGroup",

"GroupId": "sg-0ef69efcd4eede0ea"

}

],

"SourceDestCheck": true,

"StateReason": {

"Code": "pending",

"Message": "pending"

},

"VirtualizationType": "hvm",

"CpuOptions": {

"CoreCount": 1,

"ThreadsPerCore": 1

},

"CapacityReservationSpecification": {

"CapacityReservationPreference": "open"

},

"MetadataOptions": {

"State": "pending",

"HttpTokens": "optional",

"HttpPutResponseHopLimit": 1,

"HttpEndpoint": "enabled"

}

}

],

"OwnerId": "050574908341",

"ReservationId": "r-0b619b26372482b53"

}