Elastic Cloud Compute - EC2

Deploy a simple Node.js server and access it from outside!!

Step 1 –

Launch Linux ec2 instance and ssh into it.

Step 2 –

Install Node.js and Github on EC2.

Step 3 –

Code/clone sample server code into your instance

Step 4 –

Start server – access from outside

Launch EC2 instance

https://docs.aws.amazon.com/quickstarts/latest/vmlaunch/step-1-launch-instance.html

Follow the above process to launch a basic ec2 instance

Step 2

Install Node.js

```
curl -o-
https://raw.githubusercontent.com/creationix/nvm/v0.33.11/install.sh | bash
```

Above command installs node version manager (nvm) that we are using to install node on Linux AMI.

```
. ~/.nvm/nvm.sh
```

Above command activates nvm.

```
nvm install 12.18.3
```

Above command specifies which version of the node we would like to install

Check nodejs by running *node –v* command

Install Git

```
sudo yum install git
```

Step 3 –

Code/clone sample server code into your instance

```
git clone https://github.com/PranayShastrula/node-server-sample
```

Step 4 –

Start server

```
node index.js
```

Now, check if your server port is added to Security group attached to your instance.

If not add your port/http to the security group and run the server address in any browser.

Connect to server from browser –

http://<<Ipaddress>>:port//hello