**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 <<repo link>>

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