



# 1 R studio Server on a linux instance

First create a linux instance. Use the following table for the inbound rule of the instance. Only my Public IP address has access to the instance.

Port	Protocol	Source
22	TCP custom rule	myIPadress
8787	TCP custom rule	myIPadress

For the outbound rule, all traffic on all ports is allowed:

Port	Protocol	Source
All	All	0.0.0/0

After the instance choice and the inbound and outbound rule, we launch the instance and can connect to it with the commmand:

`ssh -i "mykeypairslinux.pem" ec2-user@ec2-63-33-64-18.eu-west-1.compute.amazonaws.com`

## 1.1 Installing Rstudio on a linux instance

Then we run the following command to install Rstudio server.

`#!/bin/bash`

`# install R`

`yum install -y R`

`# install RStudio-Server 1.0.153 (2018-05-12)`

`wget https://download2.rstudio.org/rstudio-server-rhel-1.1.463-x86_64.rpm`

`sudo yum install rstudio-server-rhel-1.1.463-x86_64.rpm`

`rm rstudio-server-rhel-1.0.153-x86_64.rpm`

At the end of the installation, you can check if it is correctly installed:

`sudo rstudio-server verify-installation`

## 2 Connect to the server

use: `sudo useradd:username`

`sudo passwd username`

enter the new password twice Enter the public IP adress of the linux instance  
in a web browser:

`http://<server-ip>:8787`