

Steps to install RStudio on AWS Linux AMI

1. Choose t2.micro type for single-user testing

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, E

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only

2. Enable public IP address

Network *i* vpc-1ce0cf7b (default) ▼

Subnet *i* No preference (default subnet in any Availability Zone) ▼

Auto-assign Public IP *i* **Enable** ▼

IAM role *i* None ▼

3. Add user data to automatically configure R at creation of AMI

Advanced Details

User data *i* ☒ As text ☐ As file ☐ Input is already base64 encoded

```
#!/bin/bash
#install R
yum install -y R

#install RStudio-Server 1.0.153 (2017-07-20)
```

User data contains following steps

- Install R-language runtime
- Install R-server
- Add user/password to connect to R-Studio

Details of user data script

```
#!/bin/bash

#install R

yum install -y R

#install RStudio-Server 1.0.153 (2017-07-20)

wget https://download2.rstudio.org/rstudio-server-rhel-1.0.153-x86_64.rpm

yum install -y --nogpgcheck rstudio-server-rhel-1.0.153-x86_64.rpm

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

#add user

useradd walter

echo walter:iloveaws | chpasswd
```

4. Enable port 8787, as we will connect to RStudio from a remote browser using that port

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to a security group. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow traffic on ports 80 and 443. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

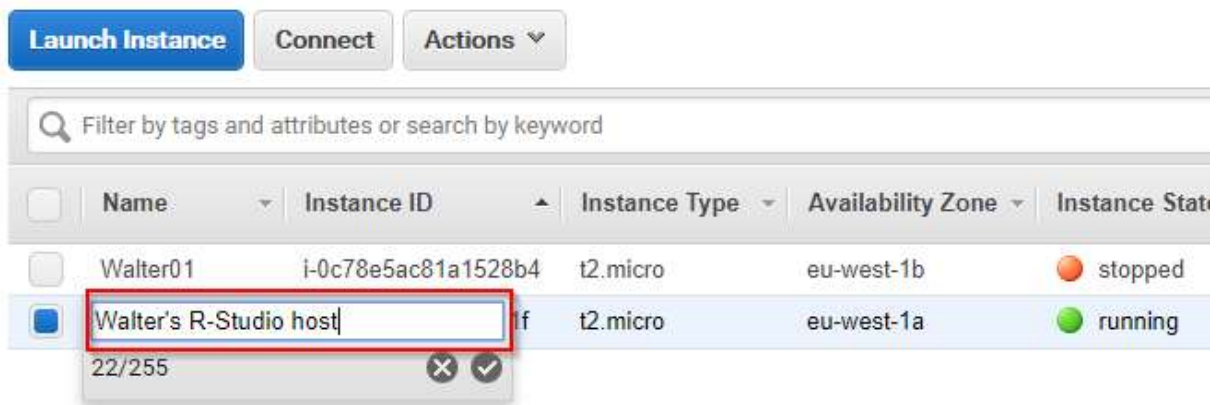
Assign a security group: ☒ Create a **new** security group
☐ Select an **existing** security group

Security group name:

Description:

Type ⓘ	Protocol ⓘ	Port Range ⓘ	Source ⓘ
SSH ▼	TCP	22	Custom ▼ 0.0.0.0/0
Custom TCP F ▼	TCP	8787	Anywhere ▼ 0.0.0.0/0, ::/0

5. Name instance for easy identification

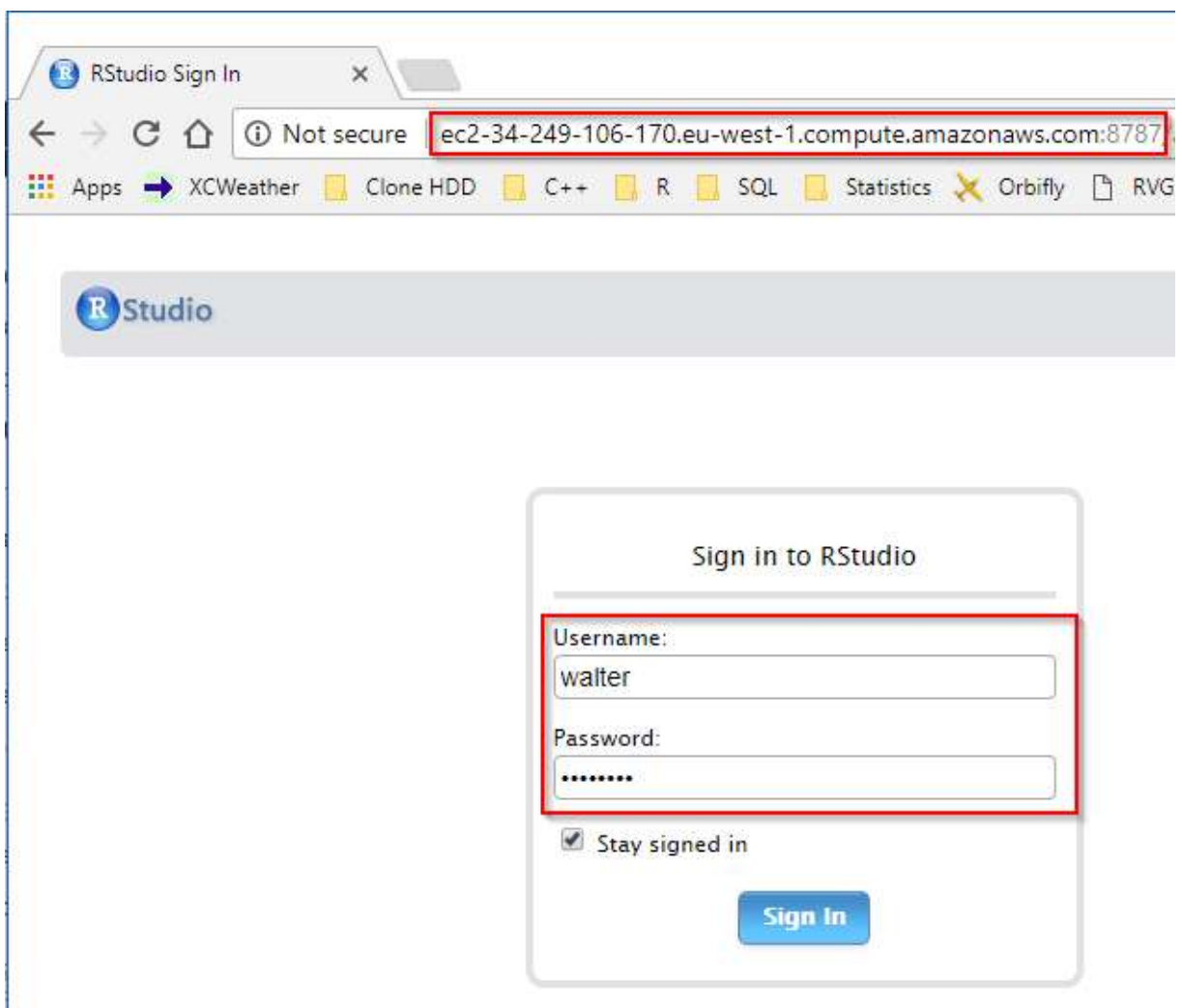


Host public DNS: ec2-34-249-106-170.eu-west-1.compute.amazonaws.com

Host public IP address: 34.249.106.170

6. Connect to RStudio server from local PC browser

Enter credentials defined in user data script.



7. If you see following screen, hurray, you are in! RStudio installation was successful

