

How to host the website on the cloud platform from scratch

By Varun Bansal

Open your cloud console whether be it AWS, Azure, GCP etc.

- Login to the console and,
- Create a new EC2, VM or Virtual machine.
- **Don't forget to allow inbound traffic rules for**
 - 1) SSH** port 22
 - 2) HTTP** port 80
- And launch the instance and login to the instance.
- I have used RHEL based Linux (RHEL9, fedora or Centos based OS)
- Run the following commands

1) sudo su –

to login as a root user.

```
[root@ip-10-0-15-136 ~]# sudo su -
```

2) yum update -y

to update the packages

3) yum install httpd -y

to install the Apache webserver on our instance

```
[root@ip-10-0-15-136 ~]#  
[root@ip-10-0-15-136 ~]#  
[root@ip-10-0-15-136 ~]# yum install httpd
```

4) service httpd start

to start the Apache webserver

```
[root@ip-10-0-15-136 ~]#  
[root@ip-10-0-15-136 ~]# service start httpd
```

5) chkconfig httpd on

to check if the webserver service is on or not.

```
[root@ip-10-0-15-136 ~]#  
[root@ip-10-0-15-136 ~]# chkconfig httpd on
```

6) **cd /var/www/html**

go to the directory where all the HTML CSS and JS pages are present

```
[root@ip-10-0-15-136 ~]# cd /var/www/html
[root@ip-10-0-15-136 html]#
```

7) **vi index.html**

open the text editor

```
[root@ip-10-0-15-136 html]# vi index.html
```

8) **press I**

to enter into insertion mode

9) **Enter the following code:**

```
<html>
    <body>
        Hello LnB
    </body>
</html>
```

10) **press esc**

to come out of insertion mode.

11) **Press :wq**

to save and exit the vi text editor.

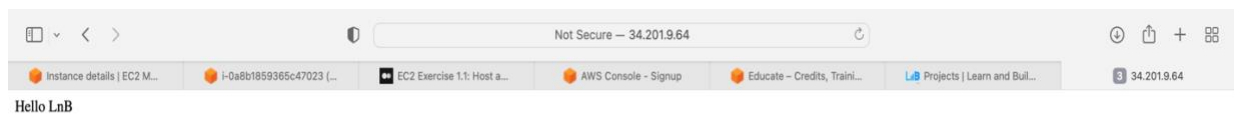
12) **cat index.html**

to see the index.html file.

13) Copy the ip of instance and paste that into web browser

```
[ec2-user@ip-10-0-15-136 ~]$  
[ec2-user@ip-10-0-15-136 ~]$ curl 34.201.9.64
```

14) And your website will be hosted.



Thank You !