

## PROJECT 2: Deploying a web server in Windows instance (Ubuntu Server 18.04 LTS (HVM))

### 1) Ubuntu Server 18.04 LTS (HVM) ( Main Page) In this page public ip id –15.206.153.92

The screenshot shows the AWS Management Console for the 'ap-south-1' region. The 'Instances' page is active, displaying a list of three EC2 instances. The 'Ubuntu Server 18.04 LTS (HVM)' instance is selected, and its details are shown in the 'Instance summary' section. The instance ID is 'i-095009d74095ed1cf' and the public IPv4 address is '15.206.153.92'. The instance is in a 'Running' state.

Name	Instance ID	Instance state	Instance type	Status check	Alarm Status	Availability
Windows Server	i-07936ed2147025f8c	Terminated	t2.micro	-	No alarms	ap-south-1
Windows IIS Server	i-07eb712243808a085	Running	t2.micro	2/2 checks ...	No alarms	ap-south-1
Ubuntu Server 18.04 LTS (HVM)	i-095009d74095ed1cf	Running	t2.micro	-	No alarms	ap-south-1

**Instance summary for i-095009d74095ed1cf:**

- Instance ID: i-095009d74095ed1cf
- Instance state: Running
- Public IPv4 address: 15.206.153.92 | open address
- Private IPv4 addresses: 172.31.40.151
- Public IPv4 DNS: ec2-15-206-153-92.ap-south-1.compute.amazonaws.com | open address
- Private IPv4 DNS: ip-172-31-40-151.ap-south-1.compute.internal

### 2) Ubuntu Server 18.04 LTS (HVM) in system is under processing.

The screenshot shows the MobaXterm terminal window with the Ubuntu Server 18.04 LTS (HVM) instance. The terminal output shows the installation of Nginx. The steps include unpacking the Nginx package, preparing to unpack the Nginx core, and setting up the Nginx service. The output is as follows:

```
Unpacking libnginx-mod-http-image-filter (1.14.0-0ubuntu1.7) ...
Selecting previously unselected package libnginx-mod-http-xslt-filter.
Preparing to unpack .../13-libnginx-mod-http-xslt-filter_1.14.0-0ubuntu1.7_amd64.deb ...
Unpacking libnginx-mod-http-xslt-filter (1.14.0-0ubuntu1.7) ...
Selecting previously unselected package libnginx-mod-mail.
Preparing to unpack .../14-libnginx-mod-mail_1.14.0-0ubuntu1.7_amd64.deb ...
Unpacking libnginx-mod-mail (1.14.0-0ubuntu1.7) ...
Selecting previously unselected package libnginx-mod-stream.
Preparing to unpack .../15-libnginx-mod-stream_1.14.0-0ubuntu1.7_amd64.deb ...
Unpacking libnginx-mod-stream (1.14.0-0ubuntu1.7) ...
Selecting previously unselected package nginx-core.
Preparing to unpack .../16-nginx-core_1.14.0-0ubuntu1.7_amd64.deb ...
Unpacking nginx-core (1.14.0-0ubuntu1.7) ...
Selecting previously unselected package nginx.
Preparing to unpack .../17-nginx_1.14.0-0ubuntu1.7_all.deb ...
Unpacking nginx (1.14.0-0ubuntu1.7) ...
Setting up libjbig0:amd64 (2.1-3.1build1) ...
Setting up fonts-dejavu-core (2.37-1) ...
Setting up nginx-common (1.14.0-0ubuntu1.7) ...
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /lib/systemd/system/nginx.service.
Setting up libjpeg-turbo8:amd64 (1.5.2-0ubuntu5.18.04.4) ...
Setting up libnginx-mod-mail (1.14.0-0ubuntu1.7) ...
Setting up libxpm4:amd64 (1:3.5.12-1) ...
Setting up libnginx-mod-http-xslt-filter (1.14.0-0ubuntu1.7) ...
Setting up libnginx-mod-http-geoip (1.14.0-0ubuntu1.7) ...
Setting up libwebp6:amd64 (0.6.1-2) ...
Setting up libjpeg8:amd64 (8c-2ubuntu8) ...
Setting up fontconfig-config (2.12.6-0ubuntu2) ...
Setting up libnginx-mod-stream (1.14.0-0ubuntu1.7) ...
Setting up libtiff5:amd64 (4.0.9-5ubuntu0.3) ...
Setting up libfontconfig1:amd64 (2.12.6-0ubuntu2) ...
Setting up libgd3:amd64 (2.2.5-4ubuntu0.4) ...
Setting up libnginx-mod-http-image-filter (1.14.0-0ubuntu1.7) ...
Setting up nginx-core (1.14.0-0ubuntu1.7) ...
Setting up nginx (1.14.0-0ubuntu1.7) ...
Processing triggers for systemd (237-3ubuntu0.42) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
```

**3) Result Final Page ( Ubuntu Server) make sure match the public ip –15.206.153.92 in internet address bar result page.**

