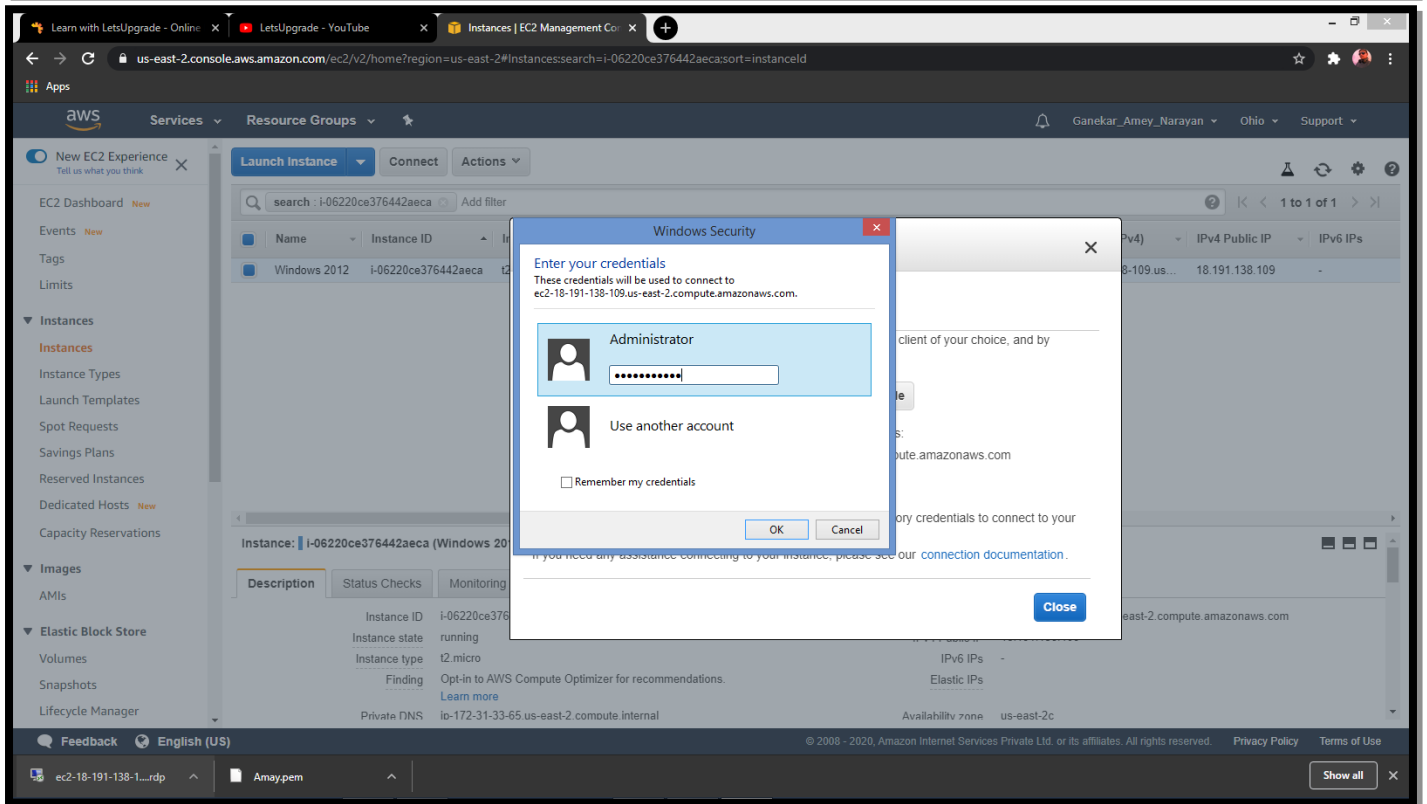
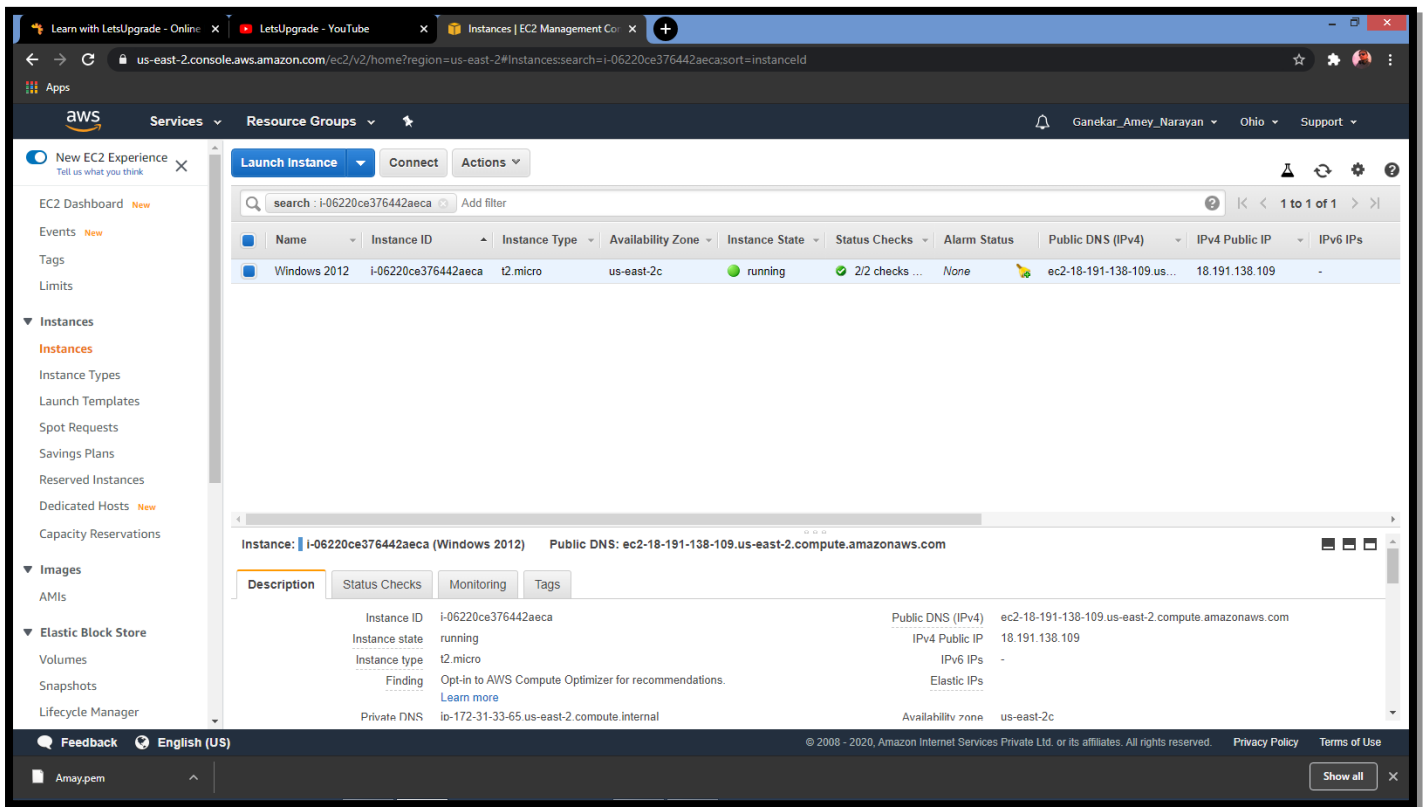
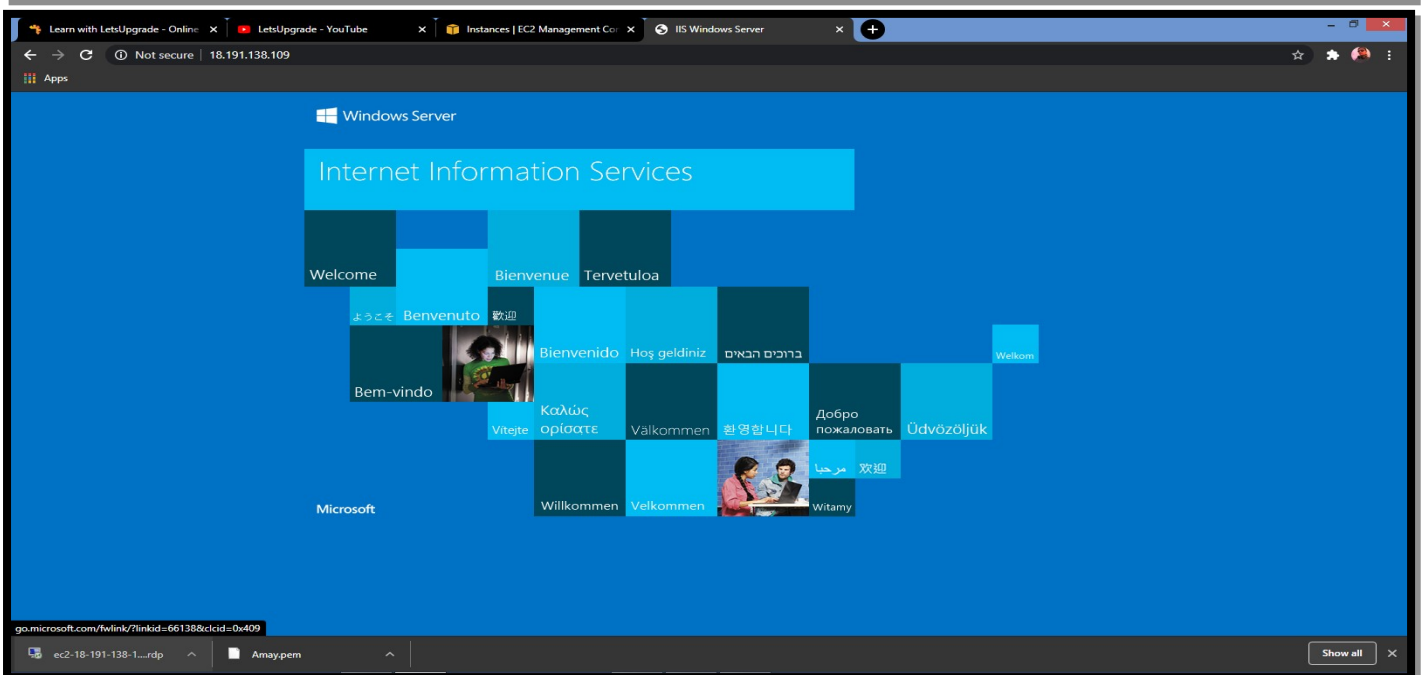
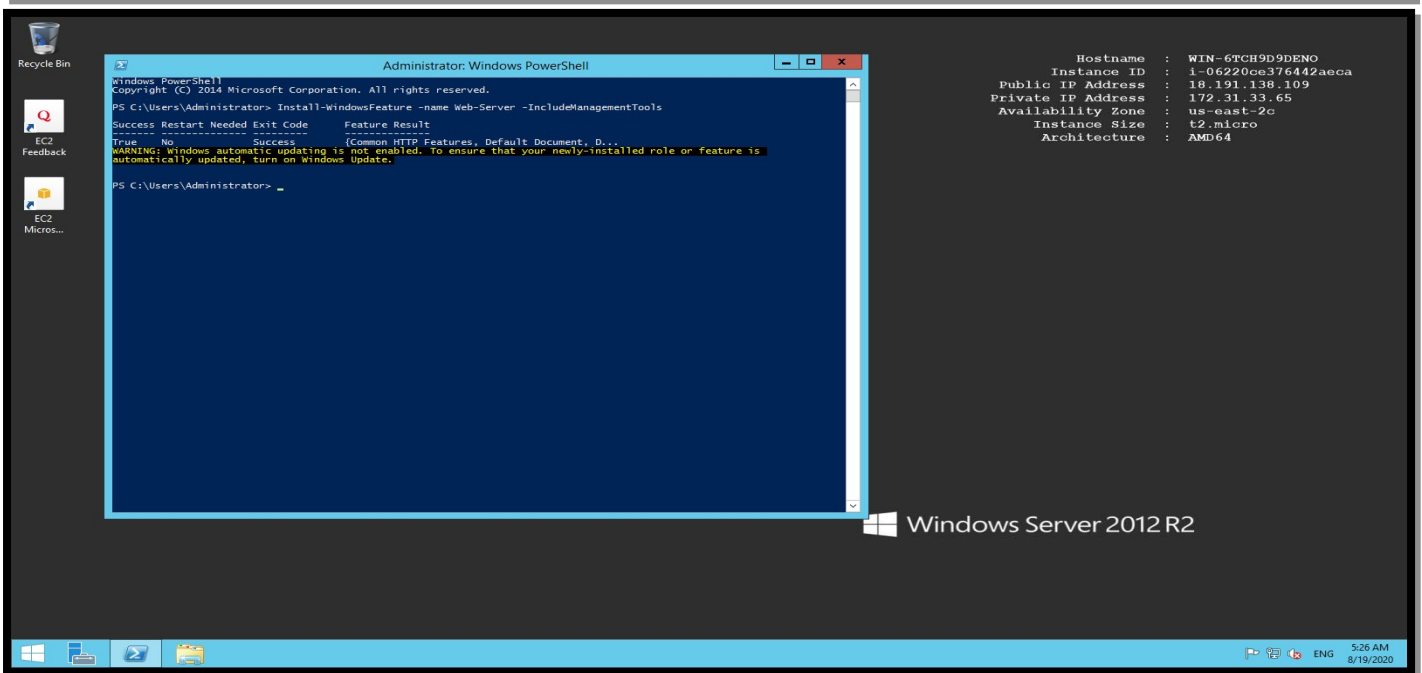
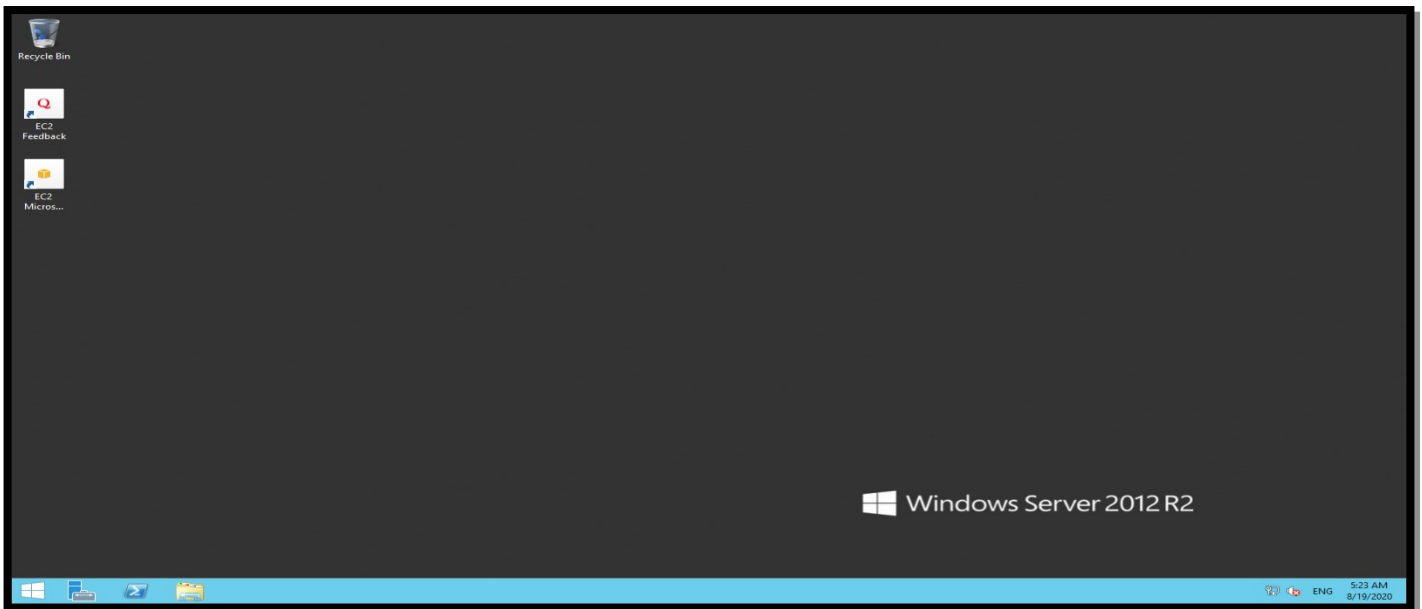


PROJECT 1

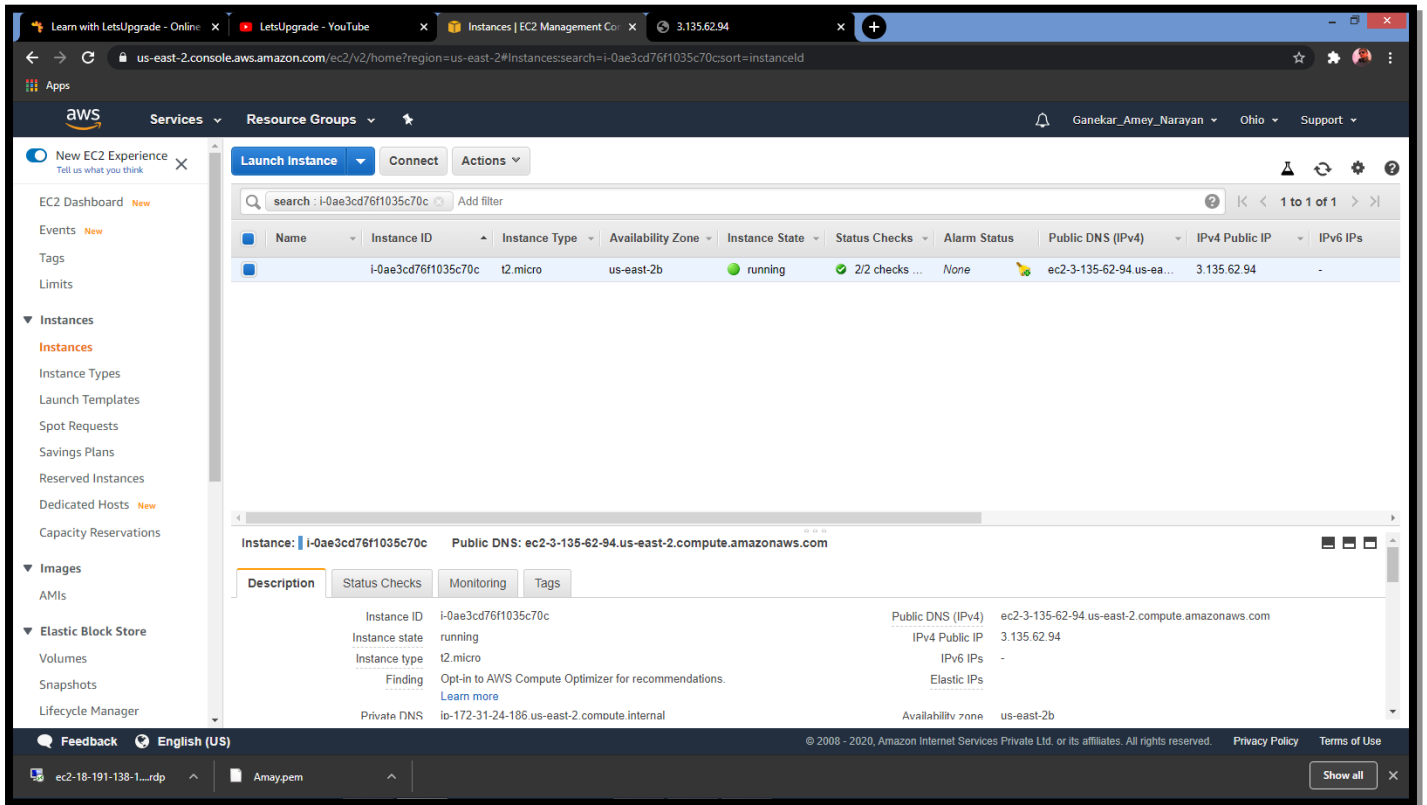
Deploying a web server in Windows instance





PROJECT 2

Deploying a web server in Ubuntu instance

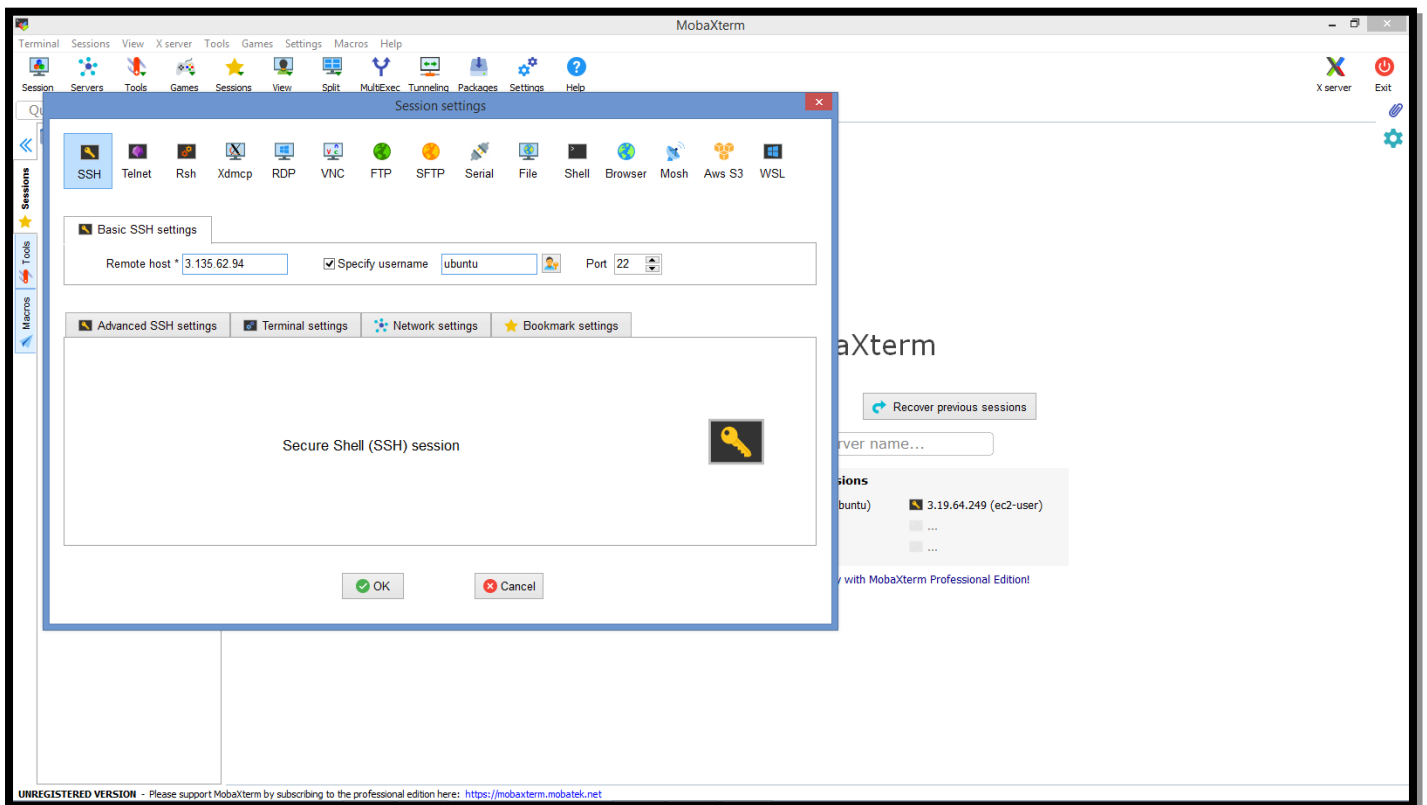


The screenshot displays the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and a user profile. The left sidebar shows a navigation menu with options like 'EC2 Dashboard', 'Events', 'Tags', 'Limits', 'Instances', 'Instance Types', 'Launch Templates', 'Spot Requests', 'Savings Plans', 'Reserved Instances', 'Dedicated Hosts', 'Capacity Reservations', 'Images', 'AMIs', 'Elastic Block Store', 'Volumes', 'Snapshots', and 'Lifecycle Manager'. The main content area shows the 'Instances' page with a search bar and a table of instances. The table has columns for Name, Instance ID, Instance Type, Availability Zone, Instance State, Status Checks, Alarm Status, Public DNS (IPv4), IPv4 Public IP, and IPv6 IPs. One instance is listed: 'i-0ae3cd76f1035c70c' of type 't2.micro' in 'us-east-2b' availability zone, with a state of 'running'. Below the table, the details for this instance are shown, including its Public DNS: 'ec2-3-135-62-94.us-east-2.compute.amazonaws.com' and its IPv4 Public IP: '3.135.62.94'.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 IPs
	i-0ae3cd76f1035c70c	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-135-62-94.us-east-2.compute.amazonaws.com	3.135.62.94	-

Instance: i-0ae3cd76f1035c70c Public DNS: ec2-3-135-62-94.us-east-2.compute.amazonaws.com

Description		Status Checks		Monitoring		Tags	
Instance ID	i-0ae3cd76f1035c70c	Public DNS (IPv4)	ec2-3-135-62-94.us-east-2.compute.amazonaws.com				
Instance state	running	IPv4 Public IP	3.135.62.94				
Instance type	t2.micro	IPv6 IPs	-				
Finding	Opt-in to AWS Compute Optimizer for recommendations. Learn more	Elastic IPs					
Private DNS	ip-172-31-24-186.us-east-2.compute.internal	Availability zone	us-east-2b				



The screenshot shows the MobaXterm application window. The top menu bar includes 'Terminal', 'Sessions', 'View', 'X server', 'Tools', 'Games', 'Settings', 'Macros', and 'Help'. The main window displays a 'Session settings' dialog box for an SSH session. The 'Basic SSH settings' tab is active, showing the 'Remote host' as '3.135.62.94', the 'Specify username' as 'ubuntu', and the 'Port' as '22'. The 'Advanced SSH settings', 'Terminal settings', 'Network settings', and 'Bookmark settings' tabs are also visible. The 'Secure Shell (SSH) session' window is open, showing a key icon. The bottom status bar indicates 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

Session settings

Basic SSH settings

Remote host: 3.135.62.94 ☒ Specify username: ubuntu Port: 22

Advanced SSH settings Terminal settings Network settings Bookmark settings

Secure Shell (SSH) session

OK Cancel

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

```
3.135.62.94 (ubuntu)
Terminal Sessions View X server Tools Games Settings Macros Help
Quick connect...
/home/ubuntu/
Name
..
.cache
.gnupg
.ssh
.bash_history
.bash_logout
.bashrc
.profile
.sudo_as_admin_successful
.xauthority
Remote monitoring
Follow terminal folder
Unpacking libgd3:amd64 (2.2.5-4ubuntu0.4) ...
Selecting previously unselected package nginx-common.
Preparing to unpack ../10-nginx-common_1.14.0-0ubuntu1.7_all.deb ...
Unpacking nginx-common (1.14.0-0ubuntu1.7) ...
Selecting previously unselected package libnginx-mod-http-geoip.
Preparing to unpack ../11-libnginx-mod-http-geoip_1.14.0-0ubuntu1.7_amd64.deb ...
Unpacking libnginx-mod-http-geoip (1.14.0-0ubuntu1.7) ...
Selecting previously unselected package libnginx-mod-http-image-filter.
Preparing to unpack ../12-libnginx-mod-http-image-filter_1.14.0-0ubuntu1.7_amd64.deb ...
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 libgd3:amd64 (2.2.5-4ubuntu0.4) ...
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 libnginx-mod-mail (1.14.0-0ubuntu1.7) ...
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 libjpeg8:amd64 (8c-2ubuntu8) ...
Setting up fontconfig-config (2.12.0-0ubuntu2) ...
Setting up libnginx-mod-stream (1.14.0-0ubuntu1.7) ...
Setting up libtiff5:amd64 (4.0.9-5ubuntu0.3) ...
Setting up libfontconfig1:amd64 (2.12.0-0ubuntu2) ...
Setting up libgd2: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 (237-3ubuntu0.4) ...
Processing triggers for man-db (2.6.3-2ubuntu0.1) ...
Processing triggers for ufw (0.36-0ubuntu0.18.04.1) ...
Processing triggers for ureadahead (0.100.0-21) ...
Processing triggers for libc-bin (2.27-3ubuntu1.2) ...
ubuntu@ip-172-31-24-186:~$
```

