

AWS ASSIGNMENT - 2

RUNNING INSTANCES AWS LINUX ONE

Instances | EC2 Management Console

console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:sort=publicip

Services Resource Groups

Mohit Wasnik N. Virginia Support

New EC2 Experience

EC2 Dashboard Events Tags Limits Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Scheduled Instances Capacity Reservations Images AMIs Elastic Block Store Volumes Snapshots Lifecycle Manager

Launch Instance Connect Actions

Filter by tags and attributes or search by keyword

Name	Instance ID	Instance Type	Availability Zone	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP
Linux Two	i-0dd4c848ed9e49a95	t2.micro	us-east-1e	2/2 checks ...	None	ec2-3-94-211-8.compute...	3.94.211.8
Linux One	i-0565db9fd64cb5479	t2.micro	us-east-1e	2/2 checks ...	None	ec2-54-146-68-177.co...	54.146.68.177
	i-0052ba29da917ab...	t2.micro	us-east-1e		None		-
	i-091f032aa2c1e9982	t2.micro	us-east-1e		None		-

Instance: i-0565db9fd64cb5479 (Linux One) Public DNS: ec2-54-146-68-177.compute-1.amazonaws.com

Description

Status Checks

Monitoring

Tags

Instance ID

Instance state

Instance type

Finding

Private DNS

Private IPs

Secondary private IPs

VPC ID

Platform

Platform details

Usage operations

Public DNS (IPv4)

IPv4 Public IP

IPv6 IPs

Elastic IPs

Availability zone

Security groups

Scheduled events

AMI ID

Subnet ID

Network interfaces

IAM role

Instance ID

Instance state

Instance type

Finding

Private DNS

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Public DNS (IPv4)

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Elastic IPs

Availability zone

Security groups

Scheduled events

AMI ID

Subnet ID

Network interfaces

IAM role

Feedback English (US)

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AWS LINUX TWO

Instances | EC2 Management Console

console.aws.amazon.com/ec2/v2/home?region=us-east-1#instances:sort=publicip

aws

Services

Resource Groups

Mohit Wasnik

N. Virginia

Support

New EC2 Experience

EC2 Dashboard

Events

Tags

Limits

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Launch Instance

Connect

Actions

Filter by tags and attributes or search by keyword

Name	Instance ID	Instance Type	Availability Zone	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP
Linux Two	i-0dd4c848ed9e49a95	t2.micro	us-east-1e	2/2 checks ...	None	ec2-3-94-211-8.compute-1.amazonaws.com	3.94.211.8
Linux One	i-0565db9fd64cb5479	t2.micro	us-east-1e	2/2 checks ...	None	ec2-54-146-68-177.compute-1.amazonaws.com	54.146.68.177
	i-0052ba29da917ab...	t2.micro	us-east-1e		None		-
	i-091f032aa2c1e9982	t2.micro	us-east-1e		None		-

Instance: i-0dd4c848ed9e49a95 (Linux Two)

Public DNS: ec2-3-94-211-8.compute-1.amazonaws.com

Description

Status Checks

Monitoring

Tags

Instance ID	i-0dd4c848ed9e49a95	Public DNS (IPv4)	ec2-3-94-211-8.compute-1.amazonaws.com
Instance state	running	IPv4 Public IP	3.94.211.8
Instance type	t2.micro	IPv6 IPs	-
Finding	Opt-in to AWS Compute Optimizer for recommendations. Learn more	Elastic IPs	
Private DNS	ip-172-31-55-213.ec2.internal	Availability zone	us-east-1e
Private IPs	172.31.55.213	Security groups	launch-wizard-9, view inbound rules, view outbound rules
Secondary private IPs		Scheduled events	No scheduled events
VPC ID	vpc-f0ff1c8d	AMI ID	amzn2-ami-hvm-2.0.20200722.0-x86_64-gp2 (ami-02354e95b39ca8dec)
Platform	Amazon Linux	Subnet ID	subnet-ad796393
Platform details	Linux/UNIX	Network interfaces	eth0
Usage statistics	Disruptive		

Feedback

English (US)

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LINUX ONE IN MOBAXTERM

The screenshot displays the MobaXterm 20.3 application window. The top menu bar includes Terminal, Sessions, View, X server, Tools, Games, Settings, Macros, and Help. Below the menu is a toolbar with icons for Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help. The main window shows a terminal session titled '2. LinuxOne'. On the left, a 'Quick connect...' panel is visible, showing a list of sessions and a file explorer for the current session. The terminal output shows the SSH session details, the last login time, and the user's commands to install nginx and reload httpd.

LinuxOne

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

Quick connect...

2. LinuxOne

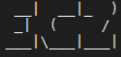
3. LinuxTwo

• MobaXterm 20.3 •
(SSH client, X-server and networking tools)

- SSH session to **ec2-user@54.146.68.177**
- SSH compression : **✓**
- SSH-browser : **✓**
- X11-forwarding : **✗ (disabled or not supported by server)**
- DISPLAY : **192.168.1.5:0.0**

► For more [info](#), ctrl+click on [help](#) or visit our [website](#)

Last login: Sat Aug 22 12:32:04 2020 from **117.206.167.107**

 Amazon Linux 2 AMI

<https://aws.amazon.com/amazon-linux-2/>

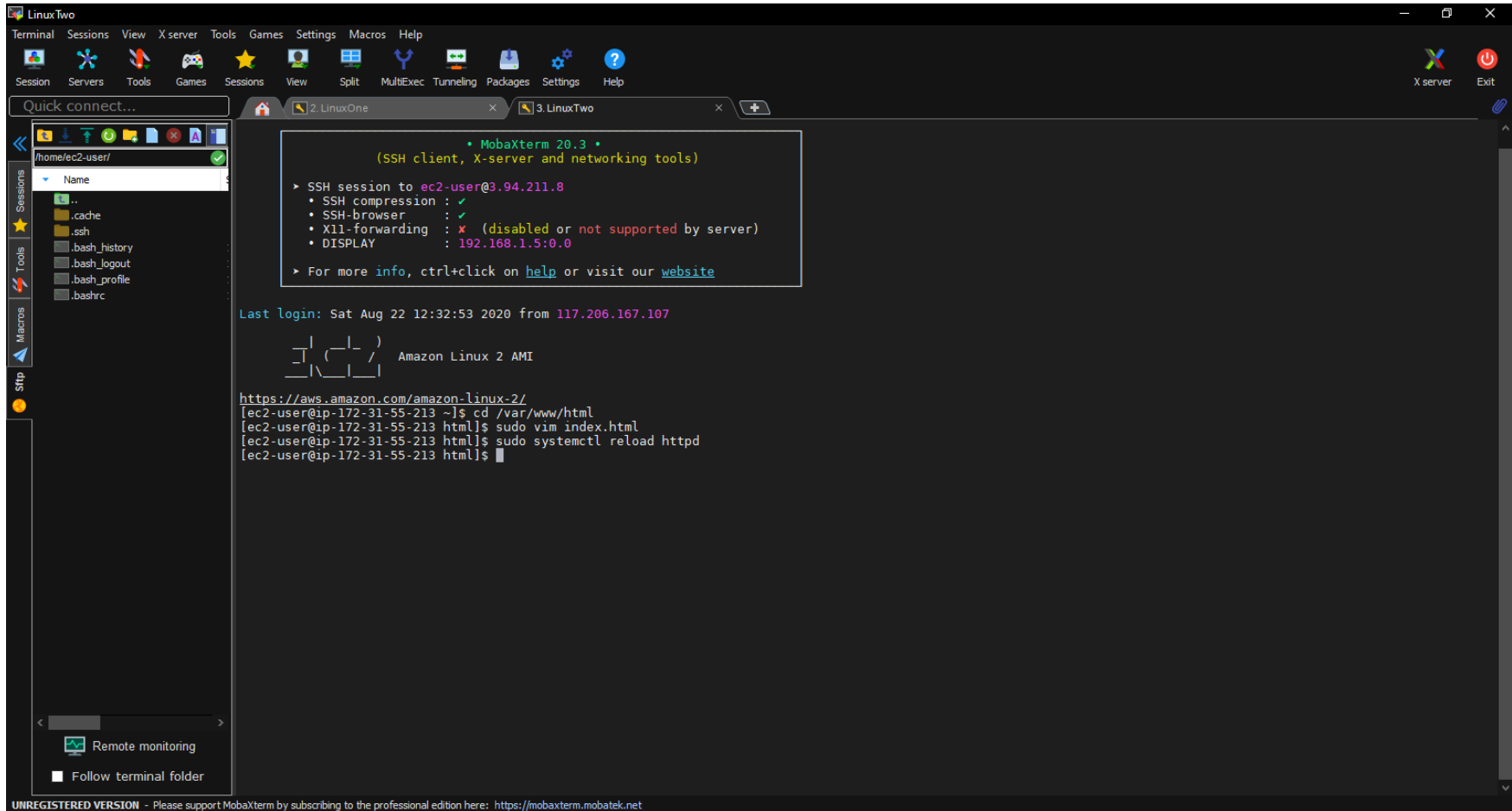
```
[ec2-user@ip-172-31-57-227 ~]$ sudo amazon-linux-extras install nginx1sudo amazon-linux-extras install nginx1
Topic nginx1sudo is not found.
[ec2-user@ip-172-31-57-227 ~]$ sudo vim index.html
[ec2-user@ip-172-31-57-227 ~]$ cd /var/www/html/
[ec2-user@ip-172-31-57-227 html]$ sudo vim index.html
[ec2-user@ip-172-31-57-227 html]$ sudo systemctl reload httpd
[ec2-user@ip-172-31-57-227 html]$
```

Remote monitoring

Follow terminal folder

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

LINUX TWO IN MOBAXTERM



LINUX ONE LOGIN

Instances | EC2 Management Co

54.146.68.177

3.94.211.8

Not secure | 54.146.68.177

ABP

LO

Avatar

LINUXone-USERNAME

Enter Username

Password

Enter Password

Login

☒ Remember me

Cancel

Forgot [password?](#)

LINUX TWO LOGIN

Instances | EC2 Management Console

54.146.68.177

3.94.211.8

←

→

↺

Not secure | 3.94.211.8

☆

ASP

GO

LD

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☰

👤

⋮

Avatar

LINUXtwo-USERNAME

Enter Username

Password

Enter Password

login

☒ Remember me

Cancel

Forgot [password?](#)

LOAD BALANCER

EC2 Management Console

54.146.68.177

3.94.211.8

console.aws.amazon.com/ec2/v2/home?region=us-east-1#LoadBalancers:sort=loadBalancerName

awsServicesResource Groups

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Capacity Reservations

Images

AMIs

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security GroupsNew

Elastic IPsNew

Placement GroupsNew

Key PairsNew

Network Interfaces

Load Balancing

Load Balancers

Target GroupsNew

Auto Scaling

Launch Configurations

Auto Scaling Groups

Create Load BalancerActions

Filter by tags and attributes or search by keyword

	Name	DNS name	State	VPC ID	Availability Zones	Type	Created At
<input checked="" type="checkbox"/>	Batch2day4	Batch2day4-298909294.us-e...	active	vpc-f0ff1c8d	us-east-1a, us-east-1b	application	August 22, 2020 a
<input type="checkbox"/>	NewTrial	NewTrial-1985304547.us-ea...	active	vpc-f0ff1c8d	us-east-1a, us-east-1b	application	August 22, 2020 a

Load balancer: Batch2day4

DescriptionListenersMonitoringIntegrated servicesTags

Basic Configuration

Name

Batch2day4

ARN

arn:aws:elasticloadbalancing:us-east-1:886360641928:loadbalancer/app/Batch2day4/9591712a5d4c9b63

DNS name

Batch2day4-298909294.us-east-1.elb.amazonaws.com(A Record)

State

active

Type

application

Scheme

internet-facing

IP address type

ipv4

Edit IP address type

VPC

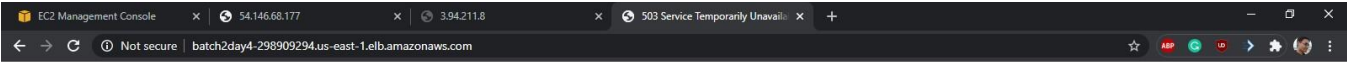
vpc-f0ff1c8d

Feedback

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LOAD BALANCER DNS



503 Service Temporarily Unavailable