

## DAY-4 ASSIGNMENT

The screenshot shows the AWS EC2 Management Dashboard. At the top, there's a banner for the new EC2 console, followed by a sidebar with navigation links like EC2 Dashboard, Instances, Images, and Elastic Block Store. The main area displays a table of resources with zero entries. To the right, there's a panel for account attributes, including supported platforms (VPC), default VPC (vpc-ac56f5c7), and other settings. A 'Explore AWS' section is also present.

Category	Value
Running instances	0
Elastic IPs	0
Dedicated Hosts	0
Snapshots	0
Volumes	0
Load balancers	0
Key pairs	1
Security groups	3
Placement groups	0

NAME:MEGHA MOHAN

The screenshot shows the AWS EC2 Management Console. The left sidebar is collapsed, showing options like New EC2 Experience, EC2 Dashboard, Events, Tags, Limits, Instances (selected), Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, AMIs, and Elastic Block Store. The main content area displays a message: "You do not have any running instances in this region." It includes links for "Getting Started Guide" and "Launch Instance". A large blue "Launch Instance" button is centered. Below it, a message says "Select an instance above". The bottom of the screen shows the standard AWS navigation bar with Feedback, English (US), Privacy Policy, Terms of Use, and a timestamp of 6:24 PM on 23/08/2020.

This screenshot shows the "Launch instance wizard" step 1: Choose an Amazon Machine Image (AMI). The top navigation bar includes Feedback, English (US), Privacy Policy, Terms of Use, Megha Mohan, Ohio, and Support. The main content area has a breadcrumb trail: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance, 4. Add Storage, 5. Add Tags, 6. Configure Security Group, 7. Review. A "Cancel and Exit" link is on the right. A search bar at the top says "Search for an AMI by entering a search term e.g. "Windows"" and "Search by Systems Manager parameter". The "Quick Start" section lists "My AMIs", "AWS Marketplace", and "Community AMIs". A checkbox "Free tier only" is checked. Two AMI options are listed: "Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-07c8bc5c1ce9598c3 (64-bit x86) / ami-09a67037138f86e67 (64-bit Arm)" and "Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-0f4aeaec5b3ce9152 (64-bit x86)". Both options are labeled "Free tier eligible". Each option has a "Select" button and a radio button for "64-bit (x86)" or "64-bit (Arm)". The bottom of the screen shows the standard AWS navigation bar with Feedback, English (US), Privacy Policy, Terms of Use, and a timestamp of 6:27 PM on 23/08/2020.

**Step 2: Choose an Instance Type**

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance types ▾ Current generation ▾ Show/Hide Columns

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

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

**Step 3: Configure Instance Details**

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances: 2 Launch into Auto Scaling Group

You may want to consider launching these instances into an Auto Scaling Group to help you maintain application availability and for easy scaling in the future. [Learn how Auto Scaling can help your application stay healthy and cost effective.](#)

Purchasing option: Request Spot Instances

Network: vpc-ac56f5c7 (default) Create new VPC

Subnet: No preference (default subnet in any Availability Zone) Create new subnet

Auto-assign Public IP: Enable

Placement group: Add instance to placement group

Capacity Reservation: Open

Cancel Previous Review and Launch Next: Add Storage

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This screenshot shows the 'Configure Instance' step of the AWS Launch Instance Wizard. It includes sections for Shutdown behavior (Terminate), Stop - Hibernate behavior (checkbox for enabling hibernation), Enable termination protection (checkbox for protecting against accidental termination), Monitoring (checkbox for CloudWatch monitoring), Tenancy (Shared - Run a shared hardware instance), Elastic Inference (checkbox for adding an inference accelerator), and T2/T3 Unlimited (checkbox for enabling). A 'File systems' section with 'Add file system' and 'Create new file system' buttons is also present.

▼ Advanced Details

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Storage](#)

This screenshot shows the 'Add Storage' step of the AWS Launch Instance Wizard. It displays a table for configuring storage volumes. The first row shows a 'Root' volume with device '/dev/xvda', snapshot 'snap-00a3ac8046ab803ef', size '30 GiB', volume type 'General Purpose SSD (gp2)', IOPS '100 / 3000', throughput 'N/A', 'Delete on Termination' checked, and 'Encryption' set to 'Not Encrypted'. A button for 'Add New Volume' is visible below the table. A note at the bottom states: 'Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. Learn more about free usage tier eligibility and usage restrictions.'

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Tags](#)

This screenshot shows the 'Review and Launch' step of the AWS Launch Instance Wizard. It displays a summary of the selected options and provides links to 'Cancel', 'Previous', 'Review and Launch', and 'Next: Add Tags'.

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**Step 5: Add Tags**

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.

A copy of a tag can be applied to volumes, instances or both.

Tags will be applied to all instances and volumes. [Learn more](#) about tagging your Amazon EC2 resources.

Key (128 characters maximum) | Value (256 characters maximum) | Instances (1) | Volumes (1)

This resource currently has no tags

Choose the Add tag button or [click to add a Name tag](#).  
Make sure your [IAM policy](#) includes permissions to create tags.

Add Tag (Up to 50 tags maximum)

Cancel Previous Review and Launch Next: Configure Security Group

**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 allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. 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: launch-wizard-3

Description: launch-wizard-3 created 2020-08-23T18:29:25.535+05:30

Type	Protocol	Port Range	Source	Description
All traffic	All	0 - 65535	Anywhere	0.0.0.0/0, ::/0 e.g. SSH for Admin Desktop

Add Rule

**Warning**  
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Cancel Previous Review and Launch

NAME:MEGHA MOHAN

Launch instance wizard | EC2 Manager

Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 7: Review Instance Launch

AMI Details

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-07c8bc5c1ce9598c3

Free tier eligible

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras.

Root Device Type: ebs Virtualization type: hvm

Instance Type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate

Security Groups

Security group name: launch-wizard-3  
Description: launch-wizard-3 created 2020-08-23T18:29:25.535+05:30

Type Protocol Port Range Source Description

Cancel Previous Launch

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Launch instance wizard | EC2 Manager

Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 7: Review Instance Launch

AMI Details

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t2.micro	Variable	1	1	EBS only	-	Low to Moderate

Security Groups

Security group name: launch-wizard-3  
Description: launch-wizard-3 created 2020-08-23T18:29:25.535+05:30

Type Protocol Port Range Source Description

Select an existing key pair or create a new key pair

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about [removing existing key pairs from a public AMI](#).

Choose an existing key pair: letsupgrade

Select a key pair: letsupgrade

I acknowledge that I have access to the selected private key file (letsupgrade.pem), and that without this file, I won't be able to log into my instance.

Cancel Launch Instances

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The screenshot shows the AWS Launch Instance Wizard interface. At the top, there's a green header bar with the title "Launch instance wizard | EC2 Management Console". Below it is a dark blue navigation bar with the AWS logo, "Services", "Resource Groups", and other navigation links. On the right side of the navigation bar, there are user profile icons for "Megha Mohan" and "Paused".

## Launch Status

**Your instances are now launching**  
The following instance launches have been initiated: i-06e32db92e45ac40d, i-0942ad2a67c3693b3 [View launch log](#)

**Get notified of estimated charges**  
Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

**How to connect to your instances**  
Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.  
Click [View Instances](#) to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

**Here are some helpful resources to get you started**

- How to connect to your Linux instance
- Amazon EC2: User Guide
- Learn about AWS Free Usage Tier
- Amazon EC2: Discussion Forum

While your instances are launching you can also

The screenshot shows the AWS EC2 Instances page. At the top, there's a green header bar with the title "Instances | EC2 Management Console". Below it is a dark blue navigation bar with the AWS logo, "Services", "Resource Groups", and other navigation links. On the right side of the navigation bar, there are user profile icons for "Megha Mohan" and "Paused".

The main content area shows a table of instances:

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
linux1	i-06e32db92e45ac40d	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-52-14-249-153.us...
linux2	i-0942ad2a67c3693b3	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-19-74-194.us-ea...

Below the table, there's a message: "Select an instance above".

On the left sidebar, there are several navigation categories:
 

- New EC2 Experience (Tell us what you think)
- EC2 Dashboard (New)
- Events (New)
- Tags
- Limits
- Instances (selected)
- Instances Types
- Launch Templates
- Spot Requests
- Savings Plans
- Reserved Instances
- Dedicated Hosts (New)
- Capacity Reservations
- Images
- AMIs
- Elastic Block Store

At the bottom, there's a feedback section with "Feedback" and "English (US)" buttons, along with a standard Windows taskbar.

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The screenshot shows the AWS EC2 Management Console with the URL [us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LoadBalancers:sort=loadBalancerName](https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LoadBalancers:sort=loadBalancerName). The left sidebar includes sections for Images, AMIs, Elastic Block Store (Volumes, Snapshots, Lifecycle Manager), Network & Security (Security Groups, Elastic IPs, Placement Groups, Key Pairs), Load Balancing (Load Balancers, Target Groups), and Auto Scaling (Launch Configurations, Auto Scaling Groups). The main content area displays a search bar and a message stating "You do not have any load balancers in this region." A "Create Load Balancer" button is visible at the top right of the main content area.

The screenshot shows the "Select load balancer type" wizard with the URL [us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#SelectCreateELBWizard](https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#SelectCreateELBWizard). It displays three options: Application Load Balancer (HTTP, HTTPS), Network Load Balancer (TCP, TLS, UDP), and Classic Load Balancer (PREVIOUS GENERATION for HTTP, HTTPS, and TCP). Each option has a "Create" button and a "Learn more >" link. A "Cancel" button is located at the bottom right of the wizard.

The screenshot shows the AWS taskbar with various icons for different services like CloudWatch, Lambda, and S3. The status bar indicates the time as 6:33 PM and the date as 23/08/2020. The language is set to English (US).

1. Configure Load Balancer    2. Configure Security Settings    3. Configure Security Groups    4. Configure Routing    5. Register Targets    6. Review

## Step 1: Configure Load Balancer

### Basic Configuration

To configure your load balancer, provide a name, select a scheme, specify one or more listeners, and select a network. The default configuration is an Internet-facing load balancer in the selected network with a listener that receives HTTP traffic on port 80.

Name	<input type="text" value="LetsUpgradeelb"/>
Scheme	<input checked="" type="radio"/> internet-facing <input type="radio"/> internal
IP address type	<input type="text" value="ipv4"/>

### Listeners

A listener is a process that checks for connection requests, using the protocol and port that you configured.

Load Balancer Protocol	Load Balancer Port
HTTP	80
<a href="#">Add Listener</a>	
<a href="#">Cancel</a> <a href="#">Next: Configure Security Settings</a>	

1. Configure Load Balancer    2. Configure Security Settings    3. Configure Security Groups    4. Configure Routing    5. Register Targets    6. Review

## Step 1: Configure Load Balancer

### Availability Zones

Specify the Availability Zones to enable for your load balancer. The load balancer routes traffic to the targets in these Availability Zones only. You can specify only one subnet per Availability Zone. You must specify subnets from at least two Availability Zones to increase the availability of your load balancer.

VPC	<input type="text" value="vpc-ac56f5c7 (172.31.0.0/16) (default)"/>
Availability Zones	<input checked="" type="checkbox"/> us-east-2a <input type="text" value="subnet-1188427a"/> IPv4 address <input type="text" value="Assigned by AWS"/>
	<input checked="" type="checkbox"/> us-east-2b <input type="text" value="subnet-286f6f52"/> IPv4 address <input type="text" value="Assigned by AWS"/>
	<input type="checkbox"/> us-east-2c <input type="text" value="subnet-fab8d0b6"/>

### Add-on services

Additional AWS services can be integrated with this load balancer at launch when you enable them below. You can also add these and other services after your load balancer is created by reviewing the "Integrated Services" tab for the selected load balancer.

[Cancel](#) [Next: Configure Security Settings](#)

1. Configure Load Balancer   2. Configure Security Settings   3. Configure Security Groups   4. Configure Routing   5. Register Targets   6. Review

## Step 2: Configure Security Settings

**⚠ Improve your load balancer's security. Your load balancer is not using any secure listener.**  
If your traffic to the load balancer needs to be secure, use the HTTPS protocol for your front-end connection. You can go back to the first step to add/configure secure listeners under [Basic Configuration](#) section. You can also continue with current settings.

[Cancel](#) [Previous](#) [Next: Configure Security Groups](#)

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1. Configure Load Balancer   2. Configure Security Settings   3. Configure Security Groups   4. Configure Routing   5. Register Targets   6. Review

**Step 3: Configure Security Groups**  
A security group is a set of firewall rules that control the traffic to your load balancer. On this page, you can add rules to allow specific traffic to reach your load balancer. First, decide whether to create a new security group or select an existing one.

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

Security group name:   
Description:

Type	Protocol	Port Range	Source
All traffic	All	0 - 65535	Anywhere 0.0.0.0/:/0

[Add Rule](#)

[Cancel](#) [Previous](#) [Next: Configure Routing](#)

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**Step 4: Configure Routing**

Your load balancer routes requests to the targets in this target group using the protocol and port that you specify, and performs health checks on the targets using these health check settings. Note that each target group can be associated with only one load balancer.

**Target group**

**Target group**: New target group

**Name**: newtarget

**Target type**: Instance

**Protocol**: HTTP

**Port**: 80

**Health checks**

**Protocol**: HTTP

**Path**: /

**Buttons**: Cancel, Previous, Next: Register Targets

**Step 5: Register Targets**

Register targets with your target group. If you register a target in an enabled Availability Zone, the load balancer starts routing requests to the targets as soon as the registration process completes and the target passes the initial health checks.

**Registered targets**

To deregister instances, select one or more registered instances and then click Remove.

Remove	Instance	Name	Port	State	Security groups	Zone
<input type="checkbox"/>	i-06e32db92e45ac40d	linux1	80	running	launch-wizard-3	us-east-2b
<input type="checkbox"/>	i-0942ad2a67c3693b3	linux2	80	running	launch-wizard-3	us-east-2b

**Instances**

To register additional instances, select one or more running instances, specify a port, and then click Add. The default port is the port specified for the target group. If the instance is already registered on the specified port, you must specify a different port.

**Add to registered** on port 80

**Search Instances**

**Buttons**: Cancel, Previous, Next: Review

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This screenshot shows the 'Create Load Balancer' wizard at Step 6: Review. The page displays the configuration details for a new application load balancer:

- Load balancer:** Name: LetsUpgradeelb, Scheme: internet-facing, Listeners: Port:80 - Protocol:HTTP, IP address type: ipv4, VPC: vpc-ac56f5c7, Subnets: subnet-1188427a, subnet-286f6f52, Tags.
- Security groups:** Security groups: load-balancer-wizard-1.
- Routing:** Target group: New target group, Target group name: newtarget, Port: 80, Target type: instance, Protocol: HTTP.

At the bottom right, there are 'Cancel', 'Previous', and 'Create' buttons.

This screenshot shows the 'Create Load Balancer' wizard at Step 6: Review, focusing on the target group configuration:

- Target group:** New target group, Target group name: newtarget, Port: 80, Target type: instance, Protocol: HTTP, Health check protocol: HTTP, Path: /, Health check port: traffic port, Healthy threshold: 5, Unhealthy threshold: 2, Timeout: 5, Interval: 30, Success codes: 200.
- Targets:** Instances: i-06e32db92e45ac40d (linux1):80, i-0942ad2a67c3693b3 (linux2):80.
- Add-on services:** AWS Global Accelerator: Disabled.

At the bottom right, there are 'Cancel', 'Previous', and 'Create' buttons.

NAME:MEGHA MOHAN

The screenshot shows the AWS Management Console with the URL [us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#V2CreateELBWizard?type=application](https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#V2CreateELBWizard?type=application). The top navigation bar includes 'Services' and 'Resource Groups'. On the right, there's a user profile for 'Megha Mohan' and links for 'Paused', 'Ohio', and 'Support'. The main content area is titled 'Load Balancer Creation Status' and lists several steps with status indicators:

Action	Status
Created security group	Completed
Authorized security groups	Completed
Create Load Balancer	Completed
Create target group	Completed
Add to registered	Completed
Create Listener	In Progress

## Load Balancer Creation Status

Created security group	Completed
Authorized security groups	Completed
Create Load Balancer	Completed
Create target group	Completed
Add to registered	Completed
Create Listener	In Progress

The screenshot shows the AWS Management Console with the same URL and interface as the previous one. A green success message box is displayed:

**Successfully created load balancer**  
Load balancer [LetsUpgradeelb](#) was successfully created.  
Note: It might take a few minutes for your load balancer to be fully set up and ready to route traffic, and for the targets to complete the registration process and pass the initial health checks.

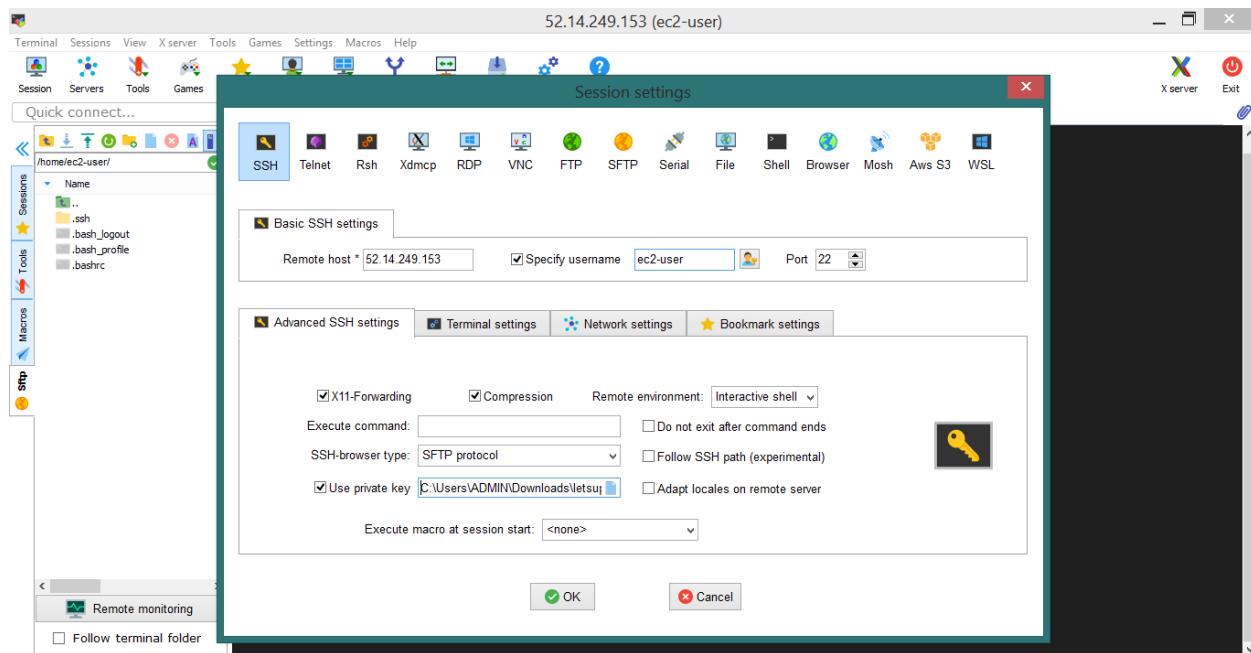
**Suggested next steps**

- Discover other services that you can integrate with your load balancer. Visit the [Integrated services](#) tab within [LetsUpgradeelb](#)
- Consider using AWS Global Accelerator to further improve the availability and performance of your applications. [AWS Global Accelerator console](#)

[Close](#)

The screenshot shows the AWS Management Console with the same URL and interface as the previous ones. The success message box is still present, indicating the load balancer was successfully created.

NAME:MEGHA MOHAN



```
52.14.249.153 (ec2-user)
[ec2-user@ip-172-31-30-39 ec2-user]# sudo yum install httpd
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core
Resolving Dependencies
--> Running transaction check
--> Package httpd.x86_64 0:2.4.43.1.amzn2 will be installed
--> Processing Dependency: httpd-tools = 2.4.43.1.amzn2 for package: httpd-2.4.43.1.amzn2.x86_64
--> Processing Dependency: httpd-filesystem = 2.4.43.1.amzn2 for package: httpd-2.4.43.1.amzn2.x86_64
--> Processing Dependency: system-logos-htpd for package: httpd-2.4.43.1.amzn2.x86_64
--> Processing Dependency: mod_http2 for package: httpd-2.4.43.1.amzn2.x86_64
--> Processing Dependency: httpd-filesystem for package: httpd-2.4.43.1.amzn2.x86_64
--> Processing Dependency: /etc/mime.types for package: httpd-2.4.43.1.amzn2.x86_64
--> Processing Dependency: libaprutil-1.so.0()(64bit) for package: httpd-2.4.43.1.amzn2.x86_64
--> Processing Dependency: libapr-1.so.0()(64bit) for package: httpd-2.4.43.1.amzn2.x86_64
--> Running transaction check
--> Package apr.x86_64 0:1.6.3-3.5.amzn2.0.2 will be installed
--> Package apr-util.x86_64 0:1.6.1.5.amzn2.0.2 will be installed
--> Processing Dependency: apr-util-bdb(x86_64) = 1.6.1.5.amzn2.0.2 for package: apr-util-1.6.1.5.amzn2.0.2.x86_64
--> Package general-logos-htpdsearch.x86_64 0:18.0.0-4.amzn2 will be installed
--> Package httpd-filesystem.x86_64 0:2.4.43.1.amzn2 will be installed
--> Package httpd-tools.x86_64 0:2.4.43.1.amzn2 will be installed
--> Package mailcap_noarch.x86_64 0:2.1.41-2.amzn2 will be installed
--> Package mod_http2.x86_64 0:1.15.3-2.amzn2 will be installed
--> Running transaction check
--> Package apr-util-bdb.x86_64 0:1.6.1.5.amzn2.0.2 will be installed
--> Finished Dependency Resolution
```

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```
52.14.249.153 (ec2-user)

Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions Split MultiExec Tunneling Packages Settings Help
X server Exit

Quick connect...
[ 52.14.249.153 (ec2-user) ] x [ 3.19.74.194 (ec2-user) ]
/home/ec2-user/
Total 9.5 MB/s | 1.8 MB 00:00:00
Running transaction check 1/9
Running transaction test 2/9
Transaction test succeeded 3/9
Running transaction 4/9
Installing : apr-1.6.3-5.amzn2.0.2.x86_64 5/9
Installing : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64 6/9
Installing : apr-util-1.6.1-5.amzn2.0.2.x86_64 7/9
Installing : httpd-tools-2.4.43-1.amzn2.x86_64 8/9
Installing : generic-logos-httpd-18.0.0-4.amzn2.noarch 9/9
Installing : mailcap-2.1.41-2.amzn2.noarch 1/9
Installing : httpd-filesystem-2.4.43-1.amzn2.noarch 2/9
Installing : httpd-filesystem-2.4.43-1.amzn2.noarch 3/9
Installing : mod_http2-1.15.3-2.amzn2.x86_64 4/9
Installing : mod_http2-1.15.3-2.amzn2.x86_64 5/9
Installing : apr-2.4.43-1.amzn2.x86_64 6/9
Installing : apr-util-1.6.1-5.amzn2.0.2.x86_64 7/9
Verifying : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64 8/9
Verifying : httpd-2.4.43-1.amzn2.x86_64 9/9
Verifying : mod_http2-1.15.3-2.amzn2.x86_64 1/9
Verifying : httpd-filesystem-2.4.43-1.amzn2.noarch 2/9
Verifying : apr-1.6.3-5.amzn2.0.2.x86_64 3/9
Verifying : mailcap-2.1.41-2.amzn2.noarch 4/9
Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch 5/9
Verifying : httpd-tools-2.4.43-1.amzn2.x86_64 6/9
Verifying : httpd-tools-2.4.43-1.amzn2.x86_64 7/9
Verifying : httpd-filesystem-2.4.43-1.amzn2.noarch 8/9
Verifying : mod_http2-1.15.3-2.amzn2.x86_64 9/9

Installed:
httpd.x86_64 0:2.4.43-1.amzn2

Dependency Installed:
apr.x86_64 0:1.6.3-5.amzn2.0.2      apr-util.x86_64 0:1.6.1-5.amzn2.0.2      apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2
generic-logos-httpd.noarch 0:18.0.0-4.amzn2  httpd-filesystem.noarch 0:2.4.43-1.amzn2  httpd-tools.x86_64 0:2.4.43-1.amzn2

Complete!
[root@ip-172-31-30-39 ec2-user]# cd /var/www/html
[root@ip-172-31-30-39 html]# pwd
/var/www/html
```

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2.14.249.153 (ec2-user)

Terminal Sessions View X server Tools Games Settings Macros Help

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

X server Exit

Quick connect...

Verifying : httpd-tools-2.4.43-1.amzn2.x86\_64

Installed:  
httpd.x86\_64 0:2.4.43-1.amzn2

Dependency Installed:  
apr.x86\_64 0:1.6.3-5.amzn2.0.2  
generic-logos.httpd.noarch 0:18.0.0-4.amzn2  
mailcap.noarch 0:2.1.41-2.amzn2  
bashrc

apr-util.x86\_64 0:1.6.1-5.amzn2.0.2  
httpd-filesystem.noarch 0:2.4.43-1.amzn2  
mod\_http2.x86\_64 0:1.15.9-2.amzn2

apr-util-bdb.x86\_64 0:1.6.1-5.amzn2.0.2  
httpd-tools.x86\_64 0:2.4.43-1.amzn2

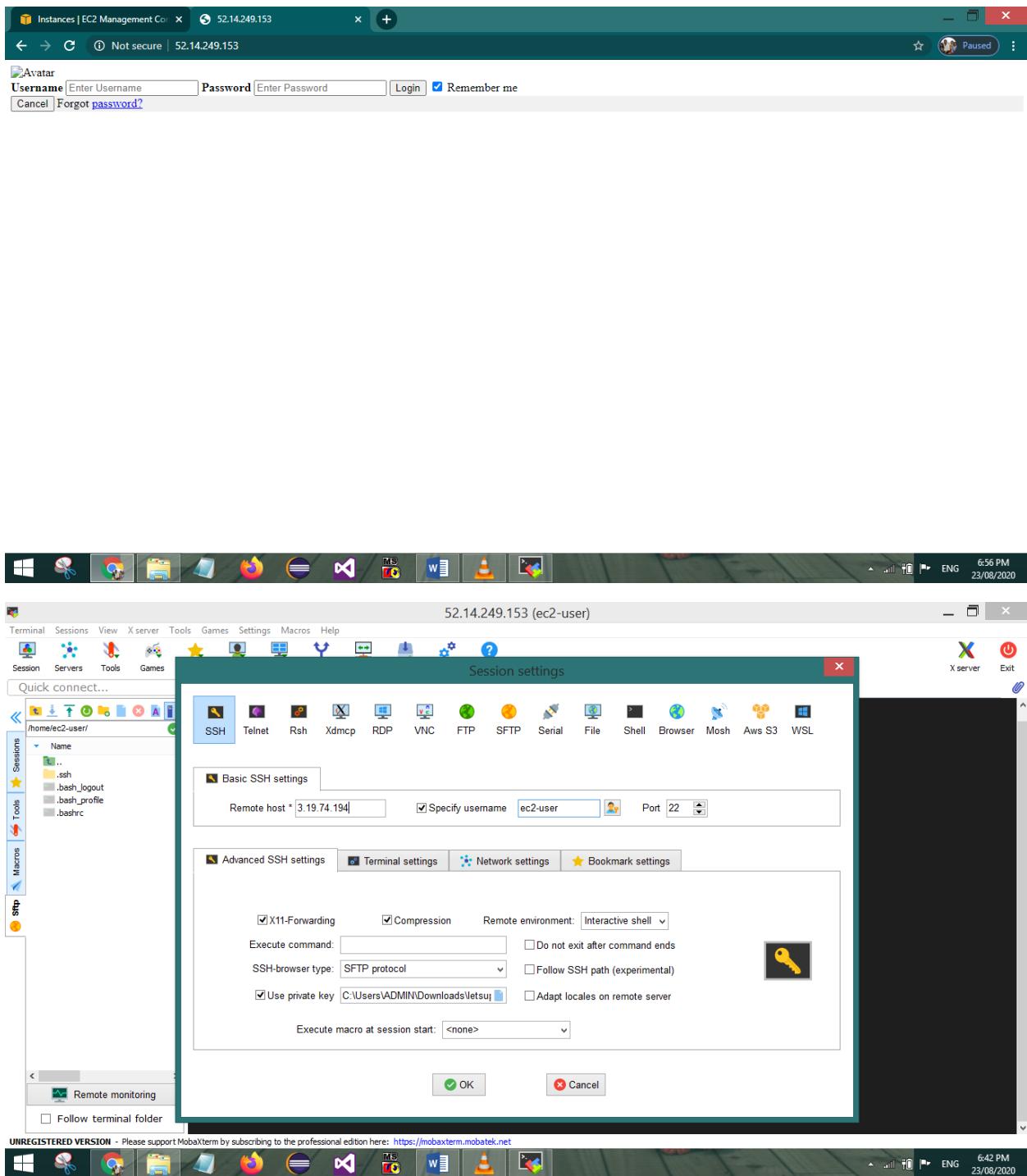
Complete!  
[root@ip-172-31-30-39 ec2-user]# cd /var/www/html  
[root@ip-172-31-30-39 html]# pwd  
/var/www/html  
[root@ip-172-31-30-39 html]# vi index.html  
[root@ip-172-31-30-39 html]# more index.html  
<form action="action\_page.php" method="post">  
<div class="imgcontainer">  
  
</div>  
<div class="container">  
<label for="uname"><b>username</b></label>  
<input type="text" placeholder="Enter Username" name="uname" required>  
<label for="psw"><b>Password</b></label>  
<input type="password" placeholder="Enter\_Password" name="psw" required>  
<button type="submit">Login</button><label>  
<input type="checkbox" checked="checked" name="remember"> Remember me  
</label>  
</div>  
<div class="container" style="background-color:#f1f1f1">  
<button type="button" class="cancelbtn">Cancel</button>  
<span class="psw">Forgot <a href="#">password</a></span>  
</div>  
</form>

[root@ip-172-31-30-39 html]# service httpd start  
Redirecting to /bin/systemctl start httpd.service  
[root@ip-172-31-30-39 html]#

Remote monitoring   
Follow terminal folder

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Terminal Sessions View X server Tools Games Settings Macros Help

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

Quick connect... 2.52.14.249.153 (ec2-user) 3.3.19.74.194 (ec2-user)

Installed:  
httpd-x86\_64 0:2.4.43-1.amzn2  
Dependency Installed:  
apr-x86\_64 0:1.6.3-5.amzn2.0.2  
generic-logos-httdp.noarch 0:18.0.0-4.amzn2  
apr-util-x86\_64 0:1.6.1-5.amzn2.0.2  
httpd-filesystem.noarch 0:2.4.43-1.amzn2  
mod\_multipart.noarch 0:2.1.41-2.amzn2  
apr-util-bdb.x86\_64 0:1.6.1-5.amzn2.0.2  
httpd-tools.x86\_64 0:2.4.43-1.amzn2  
mod\_http2.x86\_64 0:1.15.3-2.amzn2

Complete!  
[root@ip-172-31-18-15 ec2-user]# cd /var/www/html  
[root@ip-172-31-18-15 html]# pwd  
/var/www/html  
[root@ip-172-31-18-15 html]# vi index.html  
[root@ip-172-31-18-15 html]# more index.html  
<form action="action\_page.php" method="post">  
<div class="imgcontainer">  
  
</div>  
<div class="container">  
<label for="uname"><b>UserId</b></label>  
<input type="text" placeholder="Enter Username" name="uname" required>  
<label for="psw"><b>Passkey</b></label>  
<input type="password" placeholder="Enter Password" name="psw" required>  
<button type="submit">Login</button>  
AWS Essentials | August 2020  
<label>  
<input type="checkbox" checked="checked" name="remember"> Remember me  
</label>  
</div>  
<div class="container" style="background-color:#f1f1f1">  
<button type="button" class="cancelbtn">Cancel</button>  
<span class="psw">Forgot <a href="#">password?</a></span>  
</div>  
</form>  
[root@ip-172-31-18-15 html]# service httpd start  
Redirecting to /bin/systemctl start httpd.service  
[root@ip-172-31-18-15 html]#

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X server Exit

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

Quick connect... 2.52.14.249.153 (ec2-user) 3.3.19.74.194 (ec2-user)

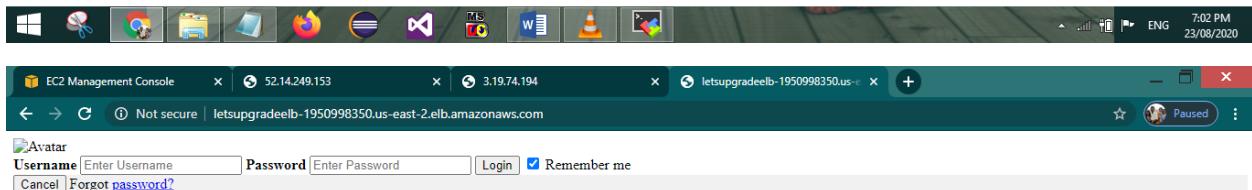
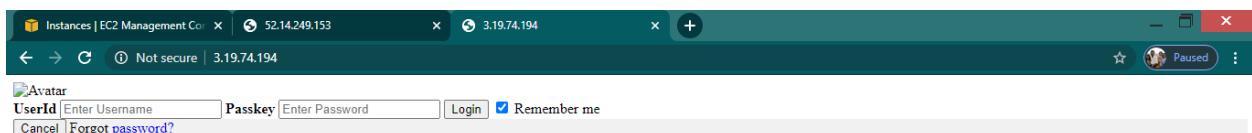
<form action="action\_page.php" method="post">  
<div class="imgcontainer">  
  
</div>  
<div class="container">  
<label for="uname"><b>UserId</b></label>  
<input type="text" placeholder="Enter Username" name="uname" required>  
<label for="psw"><b>Passkey</b></label>  
<input type="password" placeholder="Enter Password" name="psw" required>  
<button type="submit">Login</button>  
AWS Essentials | August 2020  
<label>  
<input type="checkbox" checked="checked" name="remember"> Remember me  
</label>  
</div>  
<div class="container" style="background-color:#f1f1f1">  
<button type="button" class="cancelbtn">Cancel</button>  
<span class="psw">Forgot <a href="#">password?</a></span>  
</div>  
</form>

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X server Exit

NAME:MEGHA MOHAN



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