



INFORMATION
TECHNOLOGY
UNIVERSITY

TRACKIFY
AI-Powered Task Management System

AWS Cloud Computing Project
Technical Report

Submitted by:
Muhammad Abdullah Qureshi
BSSE23101-B
&
Shuja Ud Din
BSSE23035-B

Table of Contents

1. Project Proposal

- 1.1. Executive Summary
- 1.2. Introduction
- 1.3. Problem Statement
- 1.4. Aim and Objective

2. Architecture , Design & Implementation

- 2.1. Architectural Diagram
- 2.2. AWS Foundation
- 2.3. MongoDB Atlas & EC2 Deployment
- 2.4. Domain & SSL Configuration
- 2.5. Testing
- 2.6. Load Balancer & Auto Scaling
- 2.7. IAM Roles & Security Manager

List of Figures:

- **Figure 1:** Architectural Diagram
- **Figure 2:** VPC
- **Figure 3:** Subnets
- **Figure 4:** Security Groups
- **Figure 5:** Route Tables
- **Figure 6:** Internet Gateways
- **Figure 7:** Elastic Ip address
- **Figure 8:** Nat Gateway
- **Figure 9:** Mongodb Cluster
- **Figure 10:** Data visualization
- **Figure 11:** EC2 instances
- **Figure 12:** Instance summary
- **Figure 13:** Template summary
- **Figure 14:** launch template details
- **Figure 15:** AMI image
- **Figure 16:** Domain
- **Figure 17:** AWS SSL certificate
- **Figure 18:** deployed code running
- **Figure 19:** folder structure
- **Figure 20:** frontend logs
- **Figure 21:** backend logs
- **Figure 22:** Load balancer
- **Figure 23:** target groups
- **Figure 24:** Auto Scaling

Traceable References

References

1. Amazon Web Services "Amazon EC2 Auto Scaling User Guide"
<https://docs.aws.amazon.com/autoscaling/>
2. MongoDB Atlas "Set up a Network Peering Connection"
<https://www.mongodb.com/docs/atlas/security-vpc-peering/>
3. PM2 Process Manager "Process Management with PM2"
<https://pm2.keymetrics.io/docs/usage/process-management/>

Project Proposal: Trackify – AI-Powered Task Management System

1. Executive Summary

Traditional task management tools operate as passive systems that rely heavily on manual updates and offer limited intelligence. Teams often spend significant time maintaining tasks, reacting to issues, and managing workloads due to a lack of predictive insights and workflow optimization.

Trackify addresses these challenges by integrating AI-driven automation with a cloud-native AWS microservices architecture. The system provides:

- Predictive task suggestions
- Automated planning
- Risk anticipation
- Optimized workflows

The application is deployed on AWS EC2, with load balancing and auto-scaling to ensure high availability and performance. IAM roles secure access, credentials are stored in AWS Secrets Manager, and VPC peering enables secure network connectivity. Task data is managed using MongoDB Atlas, providing scalable and reliable storage.

By combining AI intelligence with cloud infrastructure, Trackify empowers teams to plan efficiently, anticipate project risks, and streamline task management for enhanced productivity.

2. Introduction

Efficient project management is critical for team productivity, but traditional tools often lack intelligence and automation. Teams face challenges such as:

- Manual task updates
- Poor workflow optimization
- Limited ability to anticipate risks

Trackify leverages artificial intelligence and AWS cloud services to overcome these limitations. By providing automated task planning, predictive insights, and secure cloud deployment, Trackify demonstrates a modern approach to project management, enhancing team efficiency and decision-making.

3. Problem Statement

Existing task management systems present several issues:

- Depend heavily on manual updates, causing inefficiencies
- Lack predictive insights for proactive planning
- Do not optimize workflows, leading to wasted time and resources

There is a clear need for a smart, cloud-based task management system that can automate planning, predict potential risks, and improve overall team productivity.

4. Aim & Objectives

Aim:

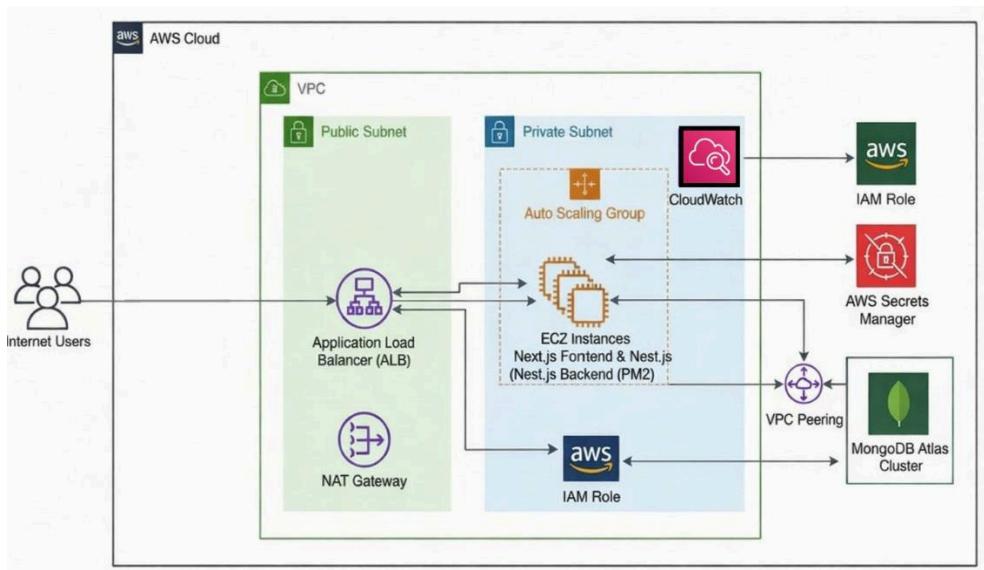
To develop an AI-driven, cloud-native task management system that automates workflows, predicts risks, and enhances team productivity.

Objectives:

1. Develop an AI engine to provide predictive task suggestions and risk anticipation.
2. Deploy a scalable application on AWS using EC2 instances with load balancing and auto-scaling.
3. Secure the system using IAM roles and manage credentials with AWS Secrets Manager.
4. Implement VPC peering for secure network connectivity.
5. Store and manage task data efficiently using MongoDB Atlas.
6. Provide a responsive, user-friendly frontend for task visualization and management.

AWS ARCHITECTURE DESIGN, IMPLEMENTATION STEPS & SCREENSHOTS

1. Architectural Diagram



2. AWS Foundation Architecture(VPC etc)

Screenshot of the AWS VPC dashboard. The left sidebar shows navigation options: 'VPC dashboard', 'Virtual private cloud', 'Your VPCs', 'Security', and 'AWS Global View'. The main area displays 'Your VPCs (2) info' with a table:

Name	VPC ID	State	Encryption c...	Encryption control ...	Block Public...	IPv4
TaskManagement(VPC)	vpc-0ac96cefdfa19b9f1	Available	-	-	Off	10.0.0.0/16
-	ypc-023c40a025819b8ad	Available	-	-	Off	172.0.0.0/16

Below the table, a message says 'Select a VPC above'.

Subnets (10) [Info](#)

Last updated 2 minutes ago

[Actions](#) [Create subnet](#)

<input type="checkbox"/>	Name	Subnet ID	State	VPC	Block Public...	IPv4 CIDR
<input type="checkbox"/>	-	subnet-087d29bcd66ea64bf	Available	vpc-023c40a025819b8ad	Off	172.31.0.0/20
<input type="checkbox"/>	Private Subnet A	subnet-0c25721c4d90865fb	Available	vpc-0ac96cefdfa19b9f1 TaskM...	Off	10.0.11.0/24
<input type="checkbox"/>	-	subnet-07a0d8434b4825a67	Available	vpc-023c40a025819b8ad	Off	172.31.80.0/2
<input type="checkbox"/>	-	subnet-0180561d28b1c90c6	Available	vpc-023c40a025819b8ad	Off	172.31.16.0/2
<input type="checkbox"/>	Private Subnet B	subnet-01587112e5fc17aa6	Available	vpc-0ac96cefdfa19b9f1 TaskM...	Off	10.0.12.0/24
<input type="checkbox"/>	-	subnet-0204f39213b93ae89	Available	vpc-023c40a025819b8ad	Off	172.31.48.0/2
<input type="checkbox"/>	Public Subnet A	subnet-0c0fd854e6ce194d7	Available	vpc-0ac96cefdfa19b9f1 TaskM...	Off	10.0.1.0/24
<input type="checkbox"/>	Public Subnet B	subnet-039d72a1c7aa425a8	Available	vpc-0ac96cefdfa19b9f1 TaskM...	Off	10.0.2.0/24

Security Groups (4) [Info](#)

[Actions](#) [Export security groups to CSV](#) [Create security group](#)

<input type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description
<input type="checkbox"/>	-	sg-0a65cd8f6ac25988f	TaskManagement-SG	vpc-0ac96cefdfa19b9f1	Defining rule for t...
<input type="checkbox"/>	-	sg-0b1ddb71229c35771	default	vpc-0ac96cefdfa19b9f1	default VPC secur...
<input type="checkbox"/>	-	sg-02519613a384ab241	default	vpc-023c40a025819b8ad	default VPC secur...
<input type="checkbox"/>	-	sg-0bba6a6a4bc0c04f	loadBalancerSG	vpc-0ac96cefdfa19b9f1	using for load bal...

Route tables (5) [Info](#)

Last updated 5 minutes ago

[Actions](#) [Create route table](#)

<input type="checkbox"/>	Name	Route table ID	Explicit subnet associ...	Edge associations	Main	VPC
<input type="checkbox"/>	-	rtb-00f6f9998768747f6	-	-	Yes	vpc-0ac96cefdfa19b9f1 TaskM...
<input type="checkbox"/>	PublicRT	rtb-0b4b510126f2a6162	2 subnets	-	No	vpc-0ac96cefdfa19b9f1 TaskM...
<input type="checkbox"/>	-	rtb-05957de39a3786be9	-	-	Yes	vpc-023c40a025819b8ad
<input type="checkbox"/>	PrivateRT	rtb-07946f2902cb57413	2 subnets	-	No	vpc-0ac96cefdfa19b9f1 TaskM...
<input type="checkbox"/>	-	rtb-08ad41dc73aae1e9a	-	nat-11459a348f4d...	No	vpc-0ac96cefdfa19b9f1 TaskM...

Internet gateways (2) [Info](#)

[Actions](#) [Create internet gateway](#)

<input type="checkbox"/>	Name	Internet gateway ID	State	VPC ID	Owner
<input type="checkbox"/>	TaskManagement(IGW)	igw-07860a5ebb033467f	Attached	vpc-0ac96cefdfa19b9f1 TaskManage...	590183872712
<input type="checkbox"/>	-	igw-0d356933bc5be8909	Attached	vpc-023c40a025819b8ad	590183872712

The image shows two screenshots of AWS management console tables.

Elastic IP addresses (7) Info

Name	Allocated IPv4 address	Type	Allocation ID	Reverse DNS record
-	35.153.242.3	Public IP	eipalloc-0e131249063968b40	-
-	35.153.87.54	Public IP	eipalloc-0f06a013f9cb1dc67	-
TaskManagement	52.45.96.186	Public IP	eipalloc-06956679b125486a6	-
-	54.88.159.114	Public IP	eipalloc-0eccb65bb57e251e0	-

NAT gateways (1) Info

Name	NAT gateway ID	Connectivity...	State	State message	Availability ...	Route table ID
NAT Gateway	nat-11459a348f4de148e	Public	Available	-	Regional	rtb-08ad41dc7...

3. MongoDB Atlas and EC2 Deployment

The image shows the MongoDB Atlas Cluster0 dashboard.

Clusters

Find a database deployment...

Cluster0 (Green dot)

Connect | **View Monitoring** | **Browse Collections** | **...**

FREE

Enhance Your Experience

For production throughput and richer metrics, upgrade to a dedicated cluster now!

Upgrade

R 0 (blue dot) Last 5 hours: 0.2/s

W (orange dot) Last 5 hours: 6.0

Connections 5.0 Last 5 hours: 332.68 B/s

In 15.40 B/s (orange line) Last 5 hours: 332.68 B/s

Out 225.20 B/s (blue line) Last 5 hours: 332.68 B/s

Data Size 112.75 KB / 512.00 MB (0%) Last 14 days: 512.00 MB

VERSION 8.0.17 | **REGION AWS / N. Virginia (us-east-1)** | **TYPE Replica Set - 3 nodes** | **BACKUPS Inactive** | **LINKED APP SERVICES None Linked** | **ATLAS SQL Connect** | **ATLAS SEARCH Create Index**

+ Add Tag

ORGANIZATION
Abdullah's Org - 202...

PROJECT
Task Management

Data Explorer

{} My Queries
Data Modeling

CLUSTERS (1)

- Cluster0
 - admin
 - local
 - test
 - comments
 - tasks
 - users

Cluster0 > test > tasks

Documents 3 Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or [Generate query](#)

[ADD DATA](#) [UPDATE](#) [DELETE](#)

```
_id: ObjectId("6947cec0035939bd0f5e4088")
title: "test 1"
description: "db test"
startDate: 2025-12-21T00:00:00.000+00:00
endDate: 2025-12-25T00:00:00.000+00:00
status: "to-do"
createdBy: "test"
createdAt: 2025-12-25T00:00:00.000+00:00
assignedTo: []
comment: []
uploads: []
updatedAt: 2025-12-25T10:41:04.423+00:00
updatedAt: 2025-12-25T09:59:55.930+00:00
__v: 0
```

EC2

Account ID: 5901-8387-2712
voclabs/user4628169=abdullahqureshionline@gmail.com

Instances (4) [Info](#)

Last updated less than a minute ago

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
<input type="checkbox"/>		i-02987446dae9a9c68	Terminated	t3.small	-	View alarms +	us-east-1b	-
<input type="checkbox"/>		i-05982213fc443a891	Running	t3.small	3/3 checks passed	View alarms +	us-east-1b	-
<input type="checkbox"/>		i-0e300d39578430512	Terminated	t3.small	-	View alarms +	us-east-1b	-
<input type="checkbox"/>	Task Manage...	i-0ba85fe0cf47f9899	Running	t3.small	3/3 checks passed	View alarms +	us-east-1a	-

Instance summary for i-0ba85fe0cf47f9899 (Task Management) [Info](#)

Updated less than a minute ago

Instance ID
[i-0ba85fe0cf47f9899](#)

IPv6 address
-

Hostname type
IP name: ip-10-0-1-52.ec2.internal

Answer private resource DNS name
-

Auto-assigned IP address
-

IAM Role
-

IMDSv2
Required

Public IPv4 address
[52.45.96.186](#) | [open address](#)

Instance state
[Running](#)

Private IP DNS name (IPv4 only)
[ip-10-0-1-52.ec2.internal](#)

Instance type
t3.small

VPC ID
[vpc-0ac96cefdfa19b9f1 \(TaskManagement\(VPC\)\)](#)

Subnet ID
[subnet-0c0fd854e6ce194d7 \(Public Subnet A\)](#)

Instance ARN
[arn:aws:ec2:us-east-1:590183872712:instance/i-0ba85fe0cf47f9899](#)

Private IPv4 addresses
[10.0.1.52](#)

Public DNS
-

Elastic IP addresses
[52.45.96.186 \(TaskManagement\) \[Public IP\]](#)

AWS Compute Optimizer finding
[Opt-in to AWS Compute Optimizer for recommendation s.](#)

| [Learn more](#)

Auto Scaling Group name
-

Managed
false

task-management-template

task-management-template (lt-097e29809c71fc16a)

[Actions](#) [Delete template](#)

Launch template details

Launch template ID lt-097e29809c71fc16a	Launch template name task-management-template	Default version 1	Owner arn:aws:sts::590183872712:assumed-role/voclabs/user4628169=abdullahqureshionline@gmail.com
--	--	--------------------------------------	---

[Details](#) [Versions](#) [Template tags](#)

Launch template version details

Version 1 (Default)	Description initial version	Date created 2025-12-25T11:13:58.000Z	Created by arn:aws:sts::590183872712:assumed-role/voclabs/user4628169=abdullahqureshionline@gmail.com
Instance details	Storage	Resource tags	Network interfaces
AMI ID ami-0b0af13bfd54d1bc8	Instance type t3.small	Availability Zone -	Availability Zone Id -
Key pair name taskManagement	Security groups -	Security group IDs sq-0a65cd8f6ac25988f	
Advanced details			

3bfd54d1bc8

Image summary for ami-0b0af13bfd54d1bc8

[EC2 Image Builder](#) [Actions](#) [Launch instance from AMI](#)

AMI ID ami-0b0af13bfd54d1bc8	Image type machine	Platform details Linux/UNIX	Root device type EBS
AMI name task-management-ami	Owner account ID 590183872712	Architecture x86_64	Usage operation RunInstances
Root device name /dev/sda1	Status Available	Source 590183872712/task-management-ami	Virtualization type hvm
Boot mode uefi-preferred	State reason -	Creation date 2025-12-25T10:39:12.000Z	Kernel ID -
Description -	Product codes -	RAM disk ID -	Deprecation time -
Last launched time Sat Jan 03 2026 11:36:16 GMT+0500 (Pakistan Standard Time)	Block devices /dev/sda1=snap-047c82f94d9cd4d9a:8:true:gp3 /dev/sdb=ephemeral0 /dev/sdc=ephemeral1	Deregistration protection Disabled	Allowed image -
Source AMI ID ami-0ecb62995f68bb549	Source AMI Region us-east-1		

4. Domain & SSL Configuration

The screenshot shows the Namecheap domain management interface. The top navigation bar includes links for Contact us, shujadev, Domains (NEW), Hosting, WordPress, Email (NEW), Marketing Tools (NEW), Security (TRY ME), Transfer to Us (NEW), Help Center (NEW), and Account (NEW). On the left, a sidebar lists Dashboard, Expiring / Expired, Domain List (selected), Hosting List, Private Email, and SSL Certificates. The main area displays 'Domains → Details' for 'programpeer.com'. The 'Advanced DNS' tab is active, showing options for DNS TEMPLATES (Choose DNS Template) and HOST RECORDS. The domain name 'programpeer.com' is shown with a green lock icon.

The screenshot shows the AWS Certificate Manager (ACM) interface. The top navigation bar includes links for Search, [Alt+S], United States (N. Virginia), and Account ID: 5901-8387-2712. The left sidebar shows AWS Certificate Manager (ACM) with options for List certificates, Request certificate, Import certificate, and AWS Private CA. The main area displays the certificate details for 'ff385d08-3e02-4a6d-ae31-c82e08a4fa43'. The 'Certificate status' section shows Identifier: ff385d08-3e02-4a6d-ae31-c82e08a4fa43, ARN: arn:aws:acm:us-east-1:590183872712:certificate/ff385d08-3e02-4a6d-ae31-c82e08a4fa43, and Type: Amazon Issued. The 'Status' is Issued. Below this, the 'Domains (2)' section lists two domains: 'programpeer.com' and 'www.programpeer.com', both with Status: Success, Renewal status: -, Type: CNAME, and CNAME name: _4c5cb01706cb11d6977b09d20a64886a.program. There are buttons for 'Create records in Route 53' and 'Export to CSV'.

5. Testing

```
ubuntu@ip-10-0-1-52:~$ ls
task-management
ubuntu@ip-10-0-1-52:~$ cd task-management
ubuntu@ip-10-0-1-52:~/task-management$ ls
backend  frontend
ubuntu@ip-10-0-1-52:~/task-management$ cd backend
ubuntu@ip-10-0-1-52:~/task-management/backend$ cd ..
ubuntu@ip-10-0-1-52:~/task-management$ pm2 ls
```

id	name	mode	o	status	cpu	memory
0	backend	fork	0	online	0%	99.7mb
1	frontend	fork	0	online	0%	56.9mb

```
ubuntu@ip-10-0-1-52:~/task-management$ |
```

```
ubuntu@ip-10-0-1-52:~/task-management$ cd backend
ubuntu@ip-10-0-1-52:~/task-management/backend$ ls
README.md  eslint.config.mjs  migrate-mongo-config.js  node_modules  package.json  tsconfig.build.json  uploads
dist      exports            nest-cli.json        package-lock.json  src          tsconfig.json
ubuntu@ip-10-0-1-52:~/task-management/backend$ cd ..
ubuntu@ip-10-0-1-52:~/task-management$ cd frontend
-bash: cd: frontend: No such file or directory
ubuntu@ip-10-0-1-52:~/task-management$ cd frontend
ubuntu@ip-10-0-1-52:~/task-management/frontend$ ls
README.md  eslint.config.mjs  next-env.d.ts  next.config.ts  node_modules  package-lock.json  package.json  postcss.config.mjs  public  src  tsconfig.json
ubuntu@ip-10-0-1-52:~/task-management/frontend$ |
```

```
ubuntu@ip-10-0-1-52:~/task-management/frontend$ pm2 logs 1
[TAILING] Tailing last 15 lines for [1] process (change the value with --lines option)
/home/ubuntu/.pm2/logs/frontend-error.log last 15 lines:
/home/ubuntu/.pm2/logs/frontend-out.log last 15 lines:
1|frontend |   - Local:      http://localhost:3000
1|frontend |   - Network:    http://10.0.1.52:3000
1|frontend |
1|frontend |   ✓ Starting...
1|frontend |   ✓ Ready in 806ms
1|frontend |
1|frontend |   > taskmanagement@0.1.0 start
1|frontend |   > next start
1|frontend |
1|frontend |   ▲ Next.js 15.5.2
1|frontend |   - Local:      http://localhost:3000
1|frontend |   - Network:    http://10.0.1.52:3000
1|frontend |
1|frontend |   ✓ Starting...
1|frontend |   ✓ Ready in 1680ms
|
```

```
ubuntu@ip-10-0-1-52:~/task-management/frontend$ pm2 logs 0
[TAILING] Tailing last 15 lines for [0] process (change the value with --lines option)
/home/ubuntu/.pm2/logs/backend-error.log last 15 lines:
/home/ubuntu/.pm2/logs/backend-out.log last 15 lines:
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/task/user, GET} route +1ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/task/:id, PATCH} route +1ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/task/removeUser/:taskId, PATCH} route +0ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/task/addUser/:taskId, PATCH} route +1ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/task/update/:id, PATCH} route +0ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/task/:id, DELETE} route +1ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/task/export-csv/:id, GET} route +0ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/task/images, POST} route +1ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RoutesResolver] C
ommentsController {/comments}: +0ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/comments, POST} route +1ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/comments, GET} route +0ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/comments/:id, GET} route +0ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/comments/:id, PATCH} route +1ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [RouterExplorer] M
apped {/comments/:id, DELETE} route +0ms
0|backend | [Nest] 854 - 01/03/2026, 3:18:23 PM      LOG [NestApplication]
Nest application successfully started +4ms
```

6. Load Balancer & Auto Scaling

task-management-alb

Introducing ALB target optimizer
Target optimizer lets you enforce a maximum number of requests per target using an ALB-provided agent, improving success rates, latency, and efficiency. [Learn more](#)

task-management-alb

Details

Load balancer type	Status	Load balancer IP address type
Application	Active	IPv4
Scheme	Hosted zone	Date created
Internet-facing	Z35SXDOTRQ7X7K	December 25, 2025, 15:51 (UTC+05:00)
Load balancer ARN	DNS name	
arn:aws:elasticloadbalancing:us-east-1:590183872712:loadbalancer/app/task-management-alb/d792fd93998b8632	task-management-alb-551903363.us-east-1.elb.amazonaws.com (A Record)	

aws | Search | [Alt+S] | United States (N. Virginia) | Account ID: 5901-8387-2712 | vclabs/user4628169=abdullahqureshionline@gmail...

EC2 > Target groups > task-management

task-management

Details

Target type	Protocol : Port	Protocol version
Instance	HTTP: 80	HTTP1
IP address type	Load balancer	VPC
IPv4	task-management-alb	vpc-0ac96cefdfa19b9f1
2 Total targets	2 Healthy	0 Unused
	0 Unhealthy	0 Initial
	0 Anomalous	0 Draining

Distribution of targets by Availability Zone (AZ)
Select values in this table to see corresponding filters applied to the Registered targets table below.

aws | Search | [Alt+S] | United States (N. Virginia) | Account ID: 5901-8387-2712 | vclabs/user4628169=abdullahqureshionline@gmail...

EC2 > Auto Scaling groups > Task Management AS

Task Management AS

Task Management AS Capacity overview

Desired capacity	Scaling limits	Desired capacity type	Status
1	1 - 3	Units (number of instances)	-

Date created
Thu Dec 25 2025 16:21:27 GMT+0500 (Pakistan Standard Time)

Details **Integrations** **Automatic scaling** **Instance management** **Instance refresh** **Activity** **Monitoring** **Tags - moved**

Launch template

Launch template	AMI ID	Instance type	Owner
lt-097e29809c71fc16a task-management-template	ami-0b0af13bfd54d1bc8	t3.small	arn:aws:sts::590183872712:assumed-role/vclabs/user4628169=abdullahqureshionline@gmail.com
Version	Security groups	Security group IDs	Create time
Default	-	sg-0a65cd8f6ac25988f	Thu Dec 25 2025 16:13:58 GMT+0500

