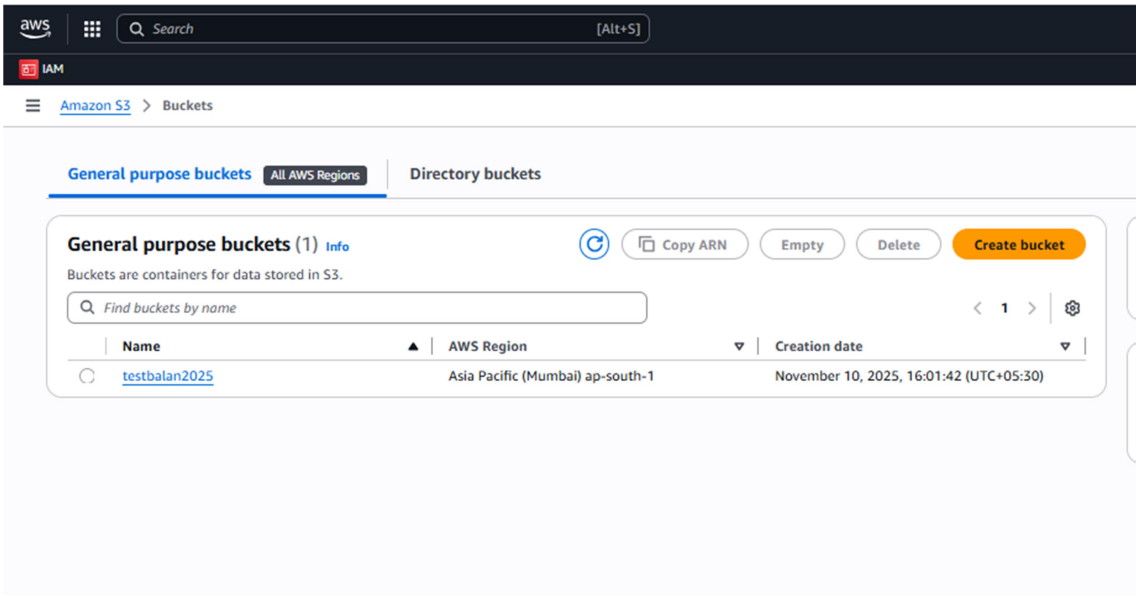
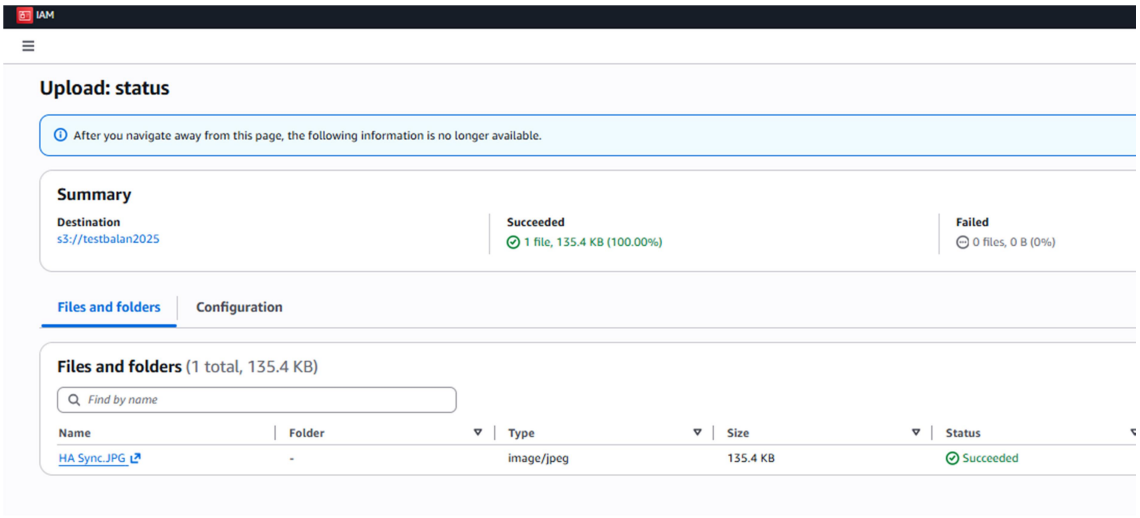
1.Create S3 bucket with No Public Access and upload the files

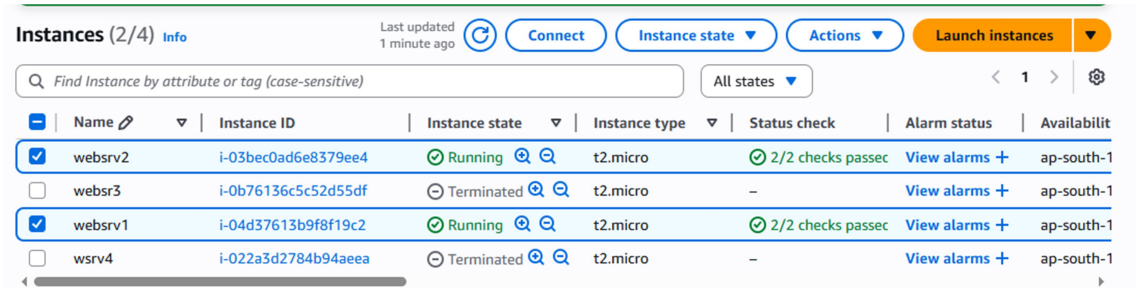


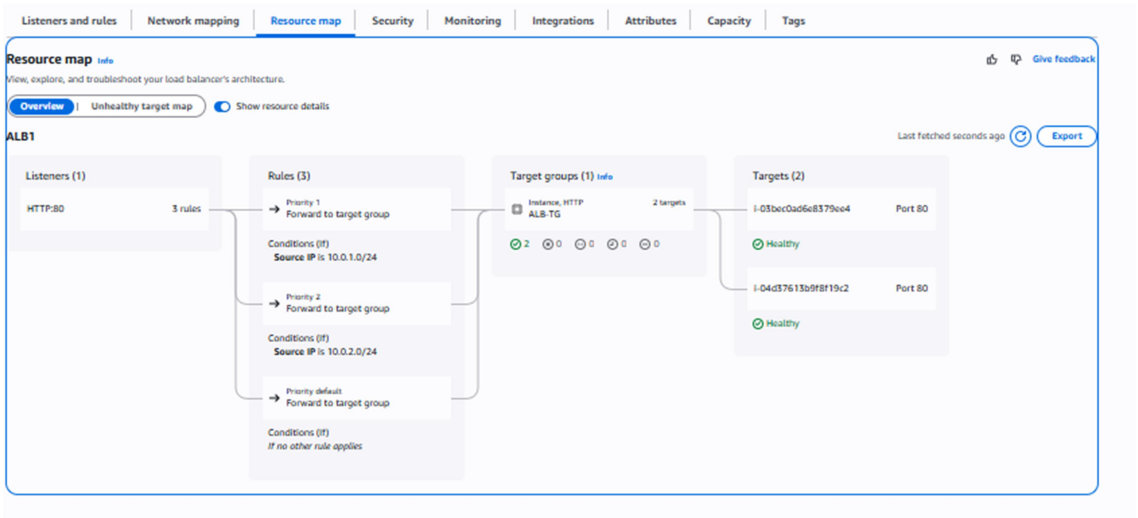


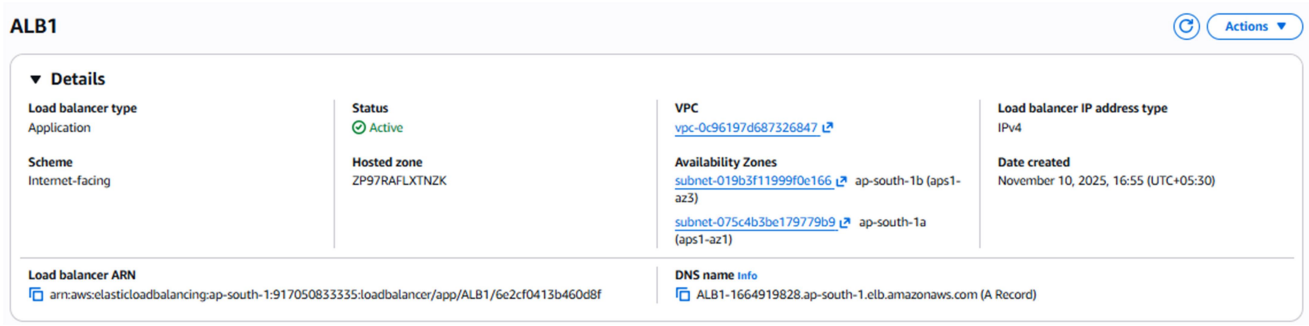
We don't have Cloud watch log functionality to view the logs.

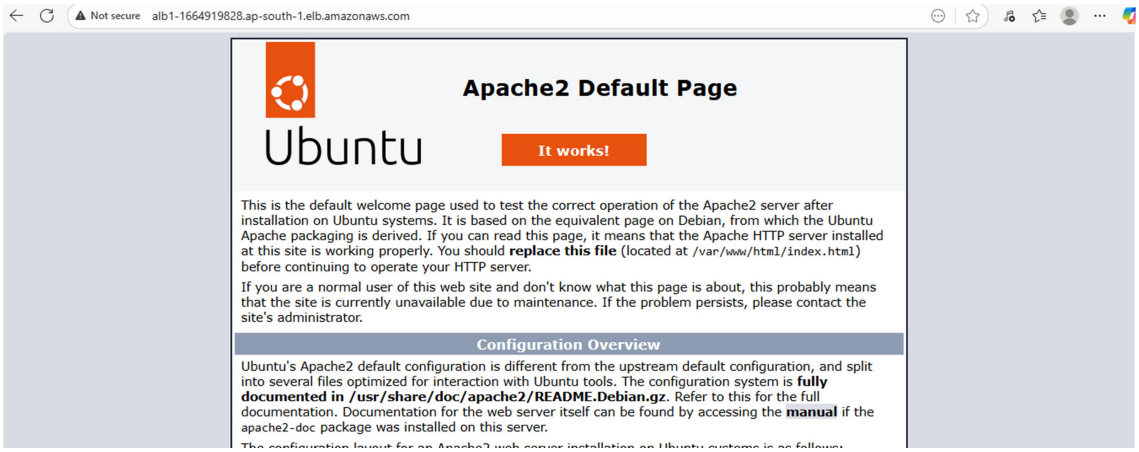
2. Launch two ec2-instances and connect it to a application load balancer, where the output traffic from the server must be an load balancer IP address

2 Ec2- instances launced and connected to Application Loadbalancer.


Instances (2/4) Info
Last updated 1 minute ago
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
1
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availabilit
websrv2 i-03bec0ad6e8379ee4 Running t2.micro 2/2 checks passec View alarms ap-south-1
websr3 i-0b76136c5c52d55df Terminated t2.micro – View alarms ap-south-1
websrv1 i-04d37613b9f8f19c2 Running t2.micro 2/2 checks passec View alarms ap-south-1
wsrv4 i-022a3d2784b94aeea Terminated t2.micro – View alarms ap-south-1


Listeners and rules
Network mapping
Resource map
Security
Monitoring
Integrations
Attributes
Capacity
Tags
Resource map Info
View, explore, and troubleshoot your load balancer's architecture.
Give feedback
Overview
Unhealthy target map
Show resource details
ALB1
Last fetched seconds ago
Export
Listeners (1)
HTTP:80
3 rules
Rules (3)
Priority 1
Forward to target group
Conditions (if)
Source IP is 10.0.1.0/24
Priority 2
Forward to target group
Conditions (if)
Source IP is 10.0.2.0/24
Priority default
Forward to target group
Conditions (if)
If no other rule applies
Target groups (1) Info
Instance, HTTP
ALB-TG
2 targets
Targets (2)
i-03bec0ad6e8379ee4
Port 80
Healthy
i-04d37613b9f8f19c2
Port 80
Healthy


ALB1
Actions
Details
Load balancer type
Application
Status
Active
VPC
vpc-0c96197d687326847
Load balancer IP address type
IPv4
Scheme
Internet-facing
Hosted zone
ZP97RAFLXTNZK
Availability Zones
subnet-019b3f11999f0e166 ap-south-1b (aps1-az3)
subnet-075c4b3be179779b9 ap-south-1a (aps1-az1)
Date created
November 10, 2025, 16:55 (UTC+05:30)
Load balancer ARN
arn:aws:elasticloadbalancing:ap-south-1:917050833335:loadbalancer/app/ALB1/6e2cf0413b460d8f
DNS name Info
ALB1-1664919828.ap-south-1.elb.amazonaws.com (A Record)


Not secure
alb1-1664919828.ap-south-1.elb.amazonaws.com
Apache2 Default Page
Ubuntu
It works!
This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should replace this file (located at /var/www/html/index.html) before continuing to operate your HTTP server.
If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.
Configuration Overview
Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is fully documented in /usr/share/doc/apache2/README.Debian.gz. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the manual if the apache2-doc package was installed on this server.