

The screenshot shows the AWS CloudFront console home page. The top navigation bar includes links for Project ideas, Jaswanth M, Federating, AWS Skill, Inbox (6,45), Jaswanth2, Amazon A, AWS Skill, Cloud Que, and Console Help. The URL is us-east-1.console.aws.amazon.com/console/home?region=us-east-1#. The main content area features a sidebar with 'Services' (Features, Knowledge articles, Marketplace, Blog posts, Events, Tutorials) and 'CloudFront' (Virtual Servers in the Cloud). Below this are sections for 'Top features' (Dashboard, Launch templates, Instances, Spot Instance requests, Savings plans), 'Security Lake' (Automatically centralize all your security data with a few clicks), and 'Elastic Container Registry' (Fully-managed Docker container registry : Share and deploy container software, pub...). A 'Features' section includes 'Direct Connect gateways' (Direct Connect feature) and 'Declarative policies for EC2' (AWS Organizations feature). A 'Were these results helpful?' poll is present. On the right, there's a 'Create application' button, a 'Find applications' search bar, and a 'Cost breakdown' section. The bottom navigation bar includes CloudShell, Feedback, and various browser tabs.

The screenshot shows the AWS Auto Scaling Groups console home page. The top navigation bar includes links for Project ideas, Jaswanth M, Federating, AWS Skill, Inbox (6,45), Jaswanth2, Amazon A, AWS Skill, Cloud Que, and Console Help. The URL is us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AutoScalingGroups:id=TravelAgencyWebServers:view=details. The main content area features a sidebar with 'EC2' (Auto Scaling groups, Auto Scaling, Auto Scaling Groups, Load Balancing, Network & Security, Auto Scaling, Auto Scaling Groups, Settings) and 'Amazon VPC' (Elastic Block Store, Volumes, Snapshots, Lifecycle Manager, Security Groups, Elastic IPs, Placement Groups, Key Pairs, Network Interfaces). The main panel displays 'Auto Scaling groups (1/1)' with 'Info' and 'Actions' tabs. A table lists one group: 'TravelAgencyWebServers' (Launch template/configuration: TravelAgencyTemplate-40cb28c0 | Version 1, Instances: 1, Status: -). Below this is a detailed view for the 'TravelAgencyWebServers' group, showing 'Capacity overview' (Desired capacity: 1, Scaling limits (Min - Max): 1 - 1, Desired capacity type: Units (number of instances), Status: -), 'Date created' (2025-11-22T09:44:44Z), and an 'Edit' button. The bottom navigation bar includes CloudShell, Feedback, and various browser tabs.

Screenshot of the AWS Cloud Console showing the Auto Scaling groups page.

The URL is us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AutoScalingGroups:id=TravelAgencyWebServers;view=details

The page displays the "Auto Scaling groups (1/1) Info" section. A single Auto Scaling group named "TravelAgencyWebServers" is listed. The launch template is "TravelAgencyTemplate-40cb28c0" and the version is 1. The group has a desired capacity of 1, with 1 instance running in us-east-1a1.

The "Network" section shows the availability zone as "use1-az1 (us-east-1a)" and the subnet ID as "subnet-012268f13c0f773f". The "Availability Zone distribution" is set to "Balanced best effort".

The "Instance type requirements" section indicates adherence to the launch template's purchase option and instance type.

The navigation sidebar on the left includes sections for Elastic Block Store, Network & Security, Load Balancing, and Auto Scaling (selected). The bottom of the screen shows the Windows taskbar with various pinned icons.

Screenshot of the AWS Cloud Console showing the Auto Scaling group details page.

The URL is us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AutoScalingGroups:id=TravelAgencyWebServers;view=instanceManagement

The page displays the "Auto Scaling group: TravelAgencyWebServers" section. The "Instance management" tab is selected. It shows one instance named "i-03d049196843942a8" which is "InService" and running on an "t3.micro" instance type. The instance is associated with the "TravelAgencyTemplate-40cb28c0" launch template and is located in the "use1-az1 (us-east-1a)" availability zone. The instance is marked as "Healthy".

The "Details" tab is also visible, showing the launch template, instance type, and other configuration details.

The navigation sidebar on the left includes sections for Elastic Block Store, Network & Security, Load Balancing, and Auto Scaling (selected). The bottom of the screen shows the Windows taskbar with various pinned icons.

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1>EditAutoScalingGroupId=TravelAgencyWebServers

aws Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabUser-tsz5zg8xnBDzinoVJcSjw/98ea6b70...

EC2 > Auto Scaling groups > TravelAgencyWebServers > Edit

Elastic Block Store

Network & Security

Load Balancing

Auto Scaling

Create and attach new load balancers

New load balancer: TravelAgencyWebServers-1

Load balancer type: Application Load Balancer (HTTP, HTTPS)

Load balancer name: TravelAgencyWebServers-1

Load balancer scheme: Internal

Network mapping: lab/TravelAgencyVpc

Availability Zones and subnets: Select a subnet

CloudShell Feedback

© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

08:36 22-11-2025

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1>EditAutoScalingGroupId=TravelAgencyWebServers

aws Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabUser-tsz5zg8xnBDzinoVJcSjw/98ea6b70...

EC2 > Auto Scaling groups > TravelAgencyWebServers > Edit

Elastic Block Store

Network & Security

Load Balancing

Auto Scaling

network mapping

VPC: lab/TravelAgencyVpc

Availability Zones and subnets: Select a subnet

use1-az1 (us-east-1a): subnet-012268f13c0f773f

use1-az4 (us-east-1c): subnet-0a6590c76be53e388

use1-az2 (us-east-1b): subnet-0896de0e14a92e91a

Listeners and routing

Protocol: HTTP Port: 80

Default routing (forward to): Create a target group

New target group name: TravelAgencyWebServers-1

Tags - optional

CloudShell Feedback

© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

08:40 22-11-2025

ATS match | (1) Jaswant | Federating | AWS Skill | AWS Skill | Cloud Que | Auto Scal | +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AutoScalingGroups:id=TravelAgencyWebServers;view=integrations

aws Search [Alt+S] Account ID: 7349-7944-9836 AWSLabUser-tsz5zgBxnbDzinoVJCSjw/98ea6b70...

EC2 > Auto Scaling groups

Elastic Block Store

Network & Security

Auto Scaling Groups

Load Balancing

Auto Scaling

CloudShell Feedback

Auto Scaling group updated successfully

Auto Scaling groups (1/1) Info Last updated less than a minute ago Launch configurations Launch templates Actions Create Auto Scaling group

Search your Auto Scaling groups

Name Launch template/configuration Instances Status Desired capacity Min Max

TravelAgencyWebServers TravelAgencyTemplate-40cb28c0 Version 1 - 1 1 1 1

Auto Scaling group: TravelAgencyWebServers

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

Load balancing Load balancer target groups Classic Load Balancers Edit

VPC Lattice integration options VPC Lattice target groups Edit

© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 08:41 22-11-2025

The screenshot shows the AWS EC2 Auto Scaling Groups page. A success message at the top says "Auto Scaling group updated successfully". Below it, a table lists one Auto Scaling group: "TravelAgencyWebServers" with "TravelAgencyTemplate-40cb28c0" as the launch configuration, version 1, and desired capacity of 1. The "Integrations" tab is selected. Under "Load balancing", there is one target group "TravelAgencyWebServers-1". Under "VPC Lattice integration options", there are no target groups listed.

ATS match | (1) Jaswant | Federating | AWS Skill | AWS Skill | Cloud Que | Security gr | +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#SecurityGroups:

aws Search [Alt+S] Account ID: 7349-7944-9836 AWSLabUser-tsz5zgBxnbDzinoVJCSjw/98ea6b70...

EC2 > Security Groups

AMI Catalog

Elastic Block Store

Network & Security

Security Groups

Auto Scaling Groups

Load Balancing

Auto Scaling

CloudShell Feedback

Security Groups (4) Info Actions Export security groups to CSV Create security group

Find security groups by attribute or tag

Name	Security group ID	Security group name	VPC ID	Description
-	sg-0175822aa9afe945f	default	vpc-00b40a93a7f216649	default VPC security
-	sg-04eb8b48f20a19e6	default	vpc-0c959cca67b4ef986	default VPC security
-	sg-04381a2edfbcb4b916	TravelAgencyWebServer	vpc-00b40a93a7f216649	Security Group used
-	sg-0690b790220a9bc99	GuardDutyManagedSecurityGroup-vpc-...	vpc-00b40a93a7f216649	Associated with VPC

Select a security group

© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 08:43 22-11-2025

The screenshot shows the AWS EC2 Security Groups page. It lists four security groups: "default", "default", "TravelAgencyWebServer", and "GuardDutyManagedSecurityGroup-vpc-...". The "TravelAgencyWebServer" group is highlighted. The "Create security group" button is visible at the top right. The "Select a security group" section is shown below the table.

Screenshot of the AWS Cloud Console showing the 'Create security group' wizard.

Basic details

Security group name [Info](#)
TravelAgencyLoadBalancer
Name cannot be edited after creation.

Description info
Allow access to the travel agency load balancer from the internet.

VPC info
vpc-0c959cca67b4ef986

Inbound rules [Info](#)
This security group has no inbound rules.
[Add rule](#)

Outbound rules [Info](#)

Type	Protocol	Port range	Destination	Description - optional
CloudShell	Feedback	Search	CloudWatch Metrics	© 2025, Amazon Web Services, Inc. or its affiliates.
CloudShell	Feedback	Search	CloudWatch Metrics	Privacy Terms Cookie preferences
CloudShell	Feedback	Search	CloudWatch Metrics	0845 IN 22-11-2025

Screenshot of the AWS Cloud Console showing the 'Create security group' wizard.

VPC info
vpc-00b40a93a7f216649 (lab/TravelAgencyVpc)

Inbound rules [Info](#)

Type	Protocol	Port range	Source	Description - optional
HTTP	TCP	80	Anywh...	0.0.0.0/0

[Add rule](#)

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

Outbound rules [Info](#)

Type	Protocol	Port range	Destination	Description - optional
All traffic	All	All	Custom	0.0.0.0/0

[Add rule](#)

⚠ Rules with destination of 0.0.0.0/0 or ::/0 allow your instances to send traffic to any IPv4 or IPv6 address. We recommend setting security group rules to be more restrictive and to only allow traffic to specific known IP.

CloudShell	Feedback	Search	CloudWatch Metrics	© 2025, Amazon Web Services, Inc. or its affiliates.
CloudShell	Feedback	Search	CloudWatch Metrics	Privacy Terms Cookie preferences
CloudShell	Feedback	Search	CloudWatch Metrics	0846 IN 22-11-2025

Screenshot of the AWS Cloud Console showing the creation of a new security group. The URL is us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreateSecurityGroup.

Inbound rules

Type	Protocol	Port range	Source	Description - optional
HTTP	TCP	80	Anywh...	0.0.0.0/0

Outbound rules

Type	Protocol	Port range	Destination	Description - optional
HTTP	TCP	80	Custom	sg-04381a2edfbcb4b916

Tags - optional

No tags associated with the resource.

CloudShell Feedback Search © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 08:48 22-11-2025

Screenshot of the AWS Cloud Console showing the details of a newly created security group named "sg-01729e4a7b8868ec5". The URL is us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#SecurityGroup:groupId=sg-01729e4a7b8868ec5.

Details

Security group name	Security group ID	Description	VPC ID
TravelAgencyLoadBalancer	sg-01729e4a7b8868ec5	Allow access to the travel agency load balancer from the internet.	vpc-00b40a93a7f216649

Inbound rules

Name	Security group rule ID	IP version	Type	Protocol	Port range
-	sgr-04c8c84e70d1cc06	IPv4	HTTP	TCP	80

CloudShell Feedback Search © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 08:49 22-11-2025

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#SecurityGroups:

aws Search [Alt+S] Account ID: 7349-7944-9836 AWSLabsUser-tsz5zg8xBDzinoVJCSjw/98ea6b70... United States (N. Virginia)

EC2 > Security Groups

Security group (sg-01729e4a7b8868ec5 | TravelAgencyLoadBalancer) was created successfully

Details

Security Groups (5) Info

Find security groups by attribute or tag

Name	Security group ID	Security group name	VPC ID	Description
-	sg-0175822aa9afe945f	default	vpc-00b40a93a7f216649	default VPC security
-	sg-04eb8b48f20a19e6	default	vpc-0c059cc0a67bdef986	default VPC security
-	sg-04381a2edfbcb4b916	TravelAgencyWebServer	vpc-00b40a93a7f216649	Security Group used
-	sg-0690b790220a9bc99	GuardDutyManagedSecurityGroup-vpc-...	vpc-00b40a93a7f216649	Associated with VPC
-	sg-01729e4a7b8868ec5	TravelAgencyLoadBalancer	vpc-00b40a93a7f216649	Allow access to the I...

Select a security group

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 08:49 22-11-2025

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ModifyInboundSecurityGroupRules:securityGroupId=sg-04381a2edfbcb4b916

aws Search [Alt+S] Account ID: 7349-7944-9836 AWSLabsUser-tsz5zg8xBDzinoVJCSjw/98ea6b70... United States (N. Virginia)

EC2 > Security Groups > sg-04381a2edfbcb4b916 - TravelAgencyWebServer > Edit inbound rules

Edit inbound rules Info

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules Info

Security group rule ID	Type <small>Info</small>	Protocol <small>Info</small>	Port range <small>Info</small>	Source <small>Info</small>	Description - optional <small>Info</small>
-	HTTP	TCP	80	Custom	<input type="text" value=""/>

Add rule

HTTP TCP 80 Custom Delete

Save rules

Default inbound rules

Source IP ranges

Security Groups

- default | sg-0175822aa9afe945f
- TravelAgencyWebServer | sg-04381a2edfbcb4b916
- GuardDutyManagedSecurityGroup-vpc-00b40a93a7f216649 | sg-0690b790220a9bc99
- TravelAgencyLoadBalancer | sg-01729e4a7b8868ec5

Prefix lists

- com.amazonaws.us-east-1.dynamodb | pl-02cd2c6b
- com.amazonaws.global.ipv6.cloudfront.origin-facing | pl-02d12e369a4312e03
- com.amazonaws.us-east-1.ipv6.route53-healthchecks | pl-

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 08:51 22-11-2025

Screenshot of the AWS Cloud Console showing the Load Balancers page for the 'TravelAgencyWebServers' load balancer.

The left sidebar shows navigation links for EC2, AMI Catalog, Elastic Block Store, Network & Security, Load Balancing, Auto Scaling, and Settings.

The main content area displays the 'Load balancers (1/1)' section. A table lists one load balancer:

Name	State	Type	Scheme	IP address type	VPC ID	Availability Zones
TravelAgencyWebServer...	Active	application	Internet-facing	IPv4	vpc-00b40a93a7f216649	3 Availability Zones

Below this, the 'Load balancer: TravelAgencyWebServers-1' details page is shown. The 'Security' tab is selected. The 'Security groups (1)' section lists a single security group:

Security Group ID	Name	Description
sg-04381a2edfbcb4b916	TravelAgency...	Security Group used by the Travel Agency Web Servers

The bottom of the screen shows the Windows taskbar with various pinned icons.

Screenshot of the AWS Cloud Console showing the Load Balancer details page for the 'TravelAgencyWebServers-1' load balancer.

The left sidebar shows navigation links for EC2, AMI Catalog, Elastic Block Store, Network & Security, Load Balancing, Auto Scaling, and Settings.

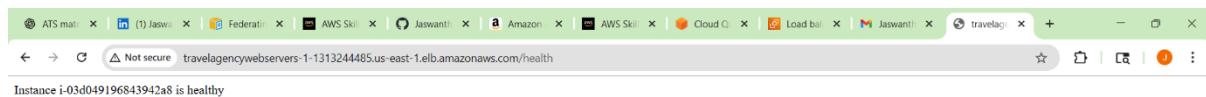
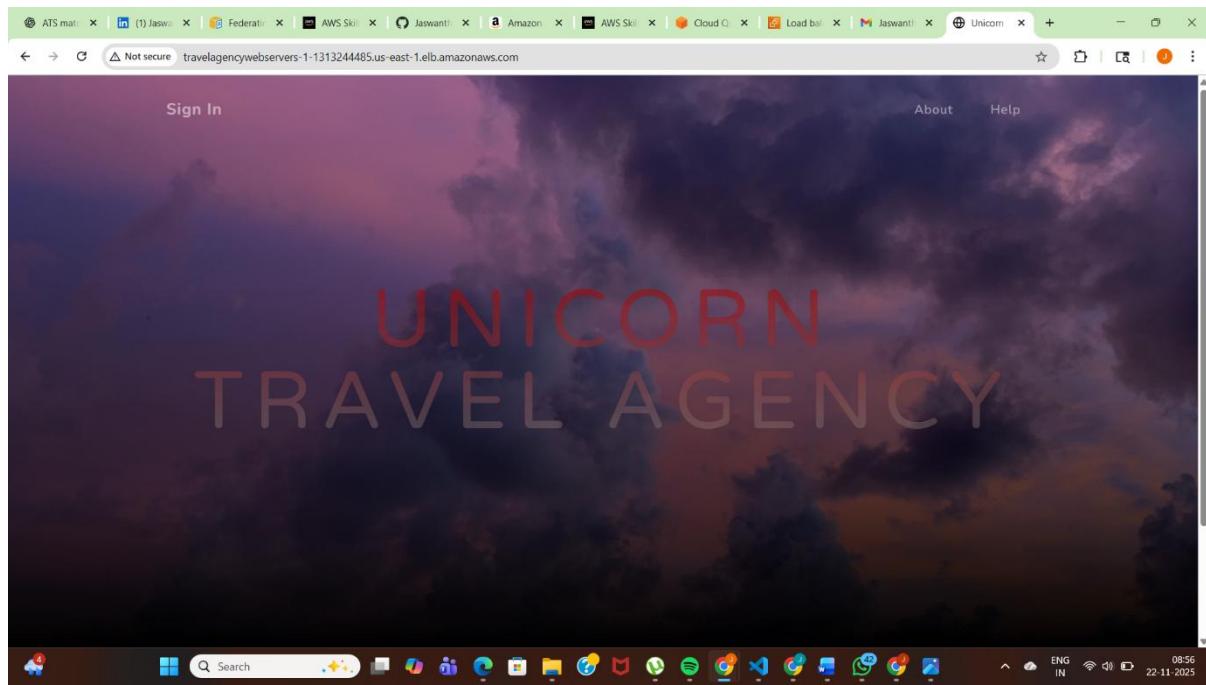
The main content area displays the 'TravelAgencyWebServers-1' load balancer details. The 'Application' section shows:

Hosted zone	ypc-00b40a93a7f216649
Scheme	Internet-facing
Availability Zones	subnet-0896d0e14a92e91a (us-east-1b (use1-az2)) subnet-012268f13c0f773f (us-east-1a (use1-az1)) subnet-0a6590c76be53e388 (us-east-1c (use1-az4))

The 'Listeners and rules' tab is selected. The 'Security' tab is also present. The 'Security groups (1)' section lists a single security group:

Security Group ID	Name	Description
sg-01729a4a7b8868ec5	TravelAgencyL...	Allow access to the travel agency load balancer from the internet.

The bottom of the screen shows the Windows taskbar with various pinned icons.



Screenshot of the AWS CloudWatch Metrics console showing the Metrics Insights page for a specific metric. The page displays a list of metrics with their names, dimensions, and descriptions. The 'Metrics' section shows a histogram of metric values over time. The 'Logs' section shows log events from CloudWatch Logs.

The screenshot shows the AWS CloudWatch Metrics console. At the top, there's a navigation bar with tabs like 'Metrics', 'Logs', 'CloudWatch Metrics Insights', and 'CloudWatch Metrics Insights (Preview)'. Below the navigation, there's a search bar and a date range selector ('From: 2023-11-22 To: 2023-11-22'). The main content area is titled 'Metrics' and shows a table of metrics. One row is selected, showing details like 'Metric Name: /aws/lambda/functions/execute', 'Dimensions: FunctionName=MyFunction', and 'Description: Lambda function execution metrics'. There are also sections for 'Logs' and 'CloudWatch Metrics Insights'.

Screenshot of the AWS CloudWatch Metrics console showing the Metrics Insights page for a specific metric. The page displays a list of metrics with their names, dimensions, and descriptions. The 'Metrics' section shows a histogram of metric values over time. The 'Logs' section shows log events from CloudWatch Logs.

The screenshot shows the AWS CloudWatch Metrics console. At the top, there's a navigation bar with tabs like 'Metrics', 'Logs', 'CloudWatch Metrics Insights', and 'CloudWatch Metrics Insights (Preview)'. Below the navigation, there's a search bar and a date range selector ('From: 2023-11-22 To: 2023-11-22'). The main content area is titled 'Metrics' and shows a table of metrics. One row is selected, showing details like 'Metric Name: /aws/lambda/functions/execute', 'Dimensions: FunctionName=MyFunction', and 'Description: Lambda function execution metrics'. There are also sections for 'Logs' and 'CloudWatch Metrics Insights'.

ATS mat... (1) Jasw... Federat... AWS Sk... Jaswant... a Amazon AWS Sk... Cloud Q... Edit Auto... Jaswant... travelag... - +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1>EditAutoScalingGroupid=TravelAgencyWebServers

aws Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabsUser-tsz5zg8xnBDzinoVicSw/98ea6b70...

EC2 > Auto Scaling groups > TravelAgencyWebServers > Edit

Auto Scaling group updated successfully

Edit TravelAgencyWebServers

Network

For most applications, you can use multiple Availability Zones and let EC2 Auto Scaling balance your instances across the zones. The default VPC and default subnets are suitable for getting started quickly.

Availability Zones and subnets

Define which Availability Zones and subnets your Auto Scaling group can use in the chosen VPC.

Select Availability Zones and subnets us-east-1a | subnet-012268f13c0f773f7 (lab/TravelAgencyVpc/PublicSubnet1)

Create a subnet

Availability Zone distribution - new

Auto Scaling automatically balances instances across Availability Zones. If launch failures occur in a zone, select a strategy.

Balanced best effort
If launches fail in one Availability Zone, Auto Scaling will attempt to launch in another healthy Availability Zone.

Balanced only
If launches fail in one Availability Zone, Auto Scaling will continue to attempt to launch in the unhealthy Availability Zone to preserve balanced distribution.

Cancel Update

CloudShell Feedback Search ENG IN 09:07 22-11-2025

ATS mat... (1) Jasw... Federat... AWS Sk... Jaswant... a Amazon AWS Sk... Cloud Q... Instances Jaswant... travelag... - +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#InstancesinstanceState=running

aws Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabsUser-tsz5zg8xnBDzinoVicSw/98ea6b70...

EC2 > Instances

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

Instance state = running All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
TravelAgency...	i-03d049196843942a8	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1a	ec2-3-231-1-2

i-03d049196843942a8 (TravelAgencyWebServers)

Details Status and alarms Monitoring Security Networking Storage Tags

VPC ID: [vpc-00b40a93a7f216649 \(lab/TravelAgencyVpc\)](#) Subnet ID: [subnet-012268f13c0f773f7 \(lab/TravelAgencyVpc/PublicSubnet1\)](#) Availability zone: us-east-1a

Availability zone ID: [use1-az1](#) Outpost ID: -

IP addresses

Public IPv4 address	Private IPv4 addresses	IPv6 addresses
3.231.202.178 open address	10.0.7.70	-

CloudShell Feedback Search ENG IN 09:13 22-11-2025

Screenshot of the AWS Cloud Console showing the EC2 Instances page. A modal dialog titled "Terminate (delete) instance" is open, prompting the user to confirm the deletion of an EBS-backed instance. The instance details shown are:

Instance ID	Termination protection
i-03d049196843942a8 (TravelAgencyWebServers)	Disabled

The "Skip OS shutdown" checkbox is checked. At the bottom right of the modal are "Cancel" and "Terminate (delete)" buttons.

Below the modal, the main EC2 Instances page shows a table of instances. One instance, "TravelAgencyWebServers", is listed with the status "Shutting down". Other columns include Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IPv4. The table has 2 rows and 9 columns.

Screenshot of the AWS Cloud Console showing the EC2 Instances page after the termination process has been initiated. A green success message at the top states: "Successfully initiated termination (deletion) of i-03d049196843942a8".

The main table now shows two terminated instances:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
TravelAgency...	i-0acf5fe744c15da12	Pending	t3.micro	-	View alarms +	us-east-1a	ec2-44-220-7(
TravelAgency...	i-03d049196843942a8	Shutting-d...	t3.micro	-	View alarms +	us-east-1a	ec2-3-231-20-

The table has 8 rows and 8 columns. The "Status check" column contains "-" for both terminated instances. The "Alarm status" column shows "View alarms +" for both instances.

The screenshot shows the AWS EC2 Instances page. The left sidebar lists navigation options: AWS Home, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Capacity Manager (New), Images (AMIs, AMI Catalog), Elastic Block Store (Volumes, Snapshots, Lifecycle Manager), and Network & Security (Security Groups, Elastic IPs, Placement Groups). The main content area displays a success message: "Successfully initiated termination (deletion) of i-03d049196843942a8". Below this, the "Instances (2) Info" section shows a table with two rows. The first row for "TravelAgency..." has an instance ID of i-0acf5fe744c15da12, is in a "Running" state, and is a t3.micro type. The second row for "TravelAgency..." has an instance ID of i-03d049196843942a8, is in a "Terminated" state, and is a t3.micro type. Both instances have "View alarms" links and are in the us-east-1a Availability Zone, with Public IPv4 addresses starting with ec2-44-220-7. A "Select an instance" dropdown is visible at the bottom.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
TravelAgency...	i-0acf5fe744c15da12	Running	t3.micro	Initializing	View alarms	us-east-1a	ec2-44-220-7[...]
TravelAgency...	i-03d049196843942a8	Terminated	t3.micro	-	View alarms	us-east-1a	-

The screenshot shows the AWS EC2 Instances page. A green banner at the top indicates "Successfully initiated termination (deletion) of i-03d049196843942a8". The main table lists two instances:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
TravelAgency...	i-0acf5fe744c15da12	Running	t3.micro	Initializing	View alarms	us-east-1a	ec2-44-220-
TravelAen... (Terminated)	i-03d049196843942a8	Terminated	t3.micro	-	View alarms	us-east-1a	-

Below the table, details for the terminated instance are shown:

Details	Status and alarms	Monitoring	Security	Networking	Storage	Tags
VPC ID vpc-00b40a93a7f216649 (Lab/TravelAgencyVpc)	Subnet ID subnet-012268f13c0f773f7 (Lab/TravelAgencyVpc/PublicSubnet1)	Availability zone us-east-1a				
Availability zone ID use1-az1	Outpost ID -					
IP addresses Info	Private IPv4 addresses 10.0.3.223	Public IPv4 address 44.220.70.172 open address	IPv6 addresses -			

At the bottom, there are links for CloudShell, Feedback, and various system status indicators.

ATS mat... (1) Jasw... Federat... AWS Sk... Jaswant... AWS Sk... Cloud Q... Auto Sc... Jaswant... travelag... +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AutoScalingGroupsId=TravelAgencyWebServers&view=activity

aws Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabsUser-tsz5zg8xnBDzinoVcSjw/98ea6b70...

EC2 > Auto Scaling groups

Elastic Block Store

Network & Security

Load Balancing

Auto Scaling

Auto Scaling Groups

Settings

Auto Scaling group updated successfully

Search your Auto Scaling groups

Name Launch template/configuration Instances Status Desired capacity Min Max

TravelAgencyWebServers TravelAgencyTemplate-40cb28c0 | Version 1 - 1 1 1 1

Auto Scaling group: TravelAgencyWebServers

Status	Description	Cause	Start time	End time
Successful	Launching a new EC2 instance: i-0acf5fe744c15da12	At 2025-11-22T14:15:01Z an instance was launched in response to an unhealthy instance needing to be replaced.	2025 November 22, 09:15:03 AM -05:00	2025 November 22, 09:15:03 AM -05:00
Connection draining in progress	Terminating EC2 instance: i-03d049196843942a8 - Waiting For ELB Connection Draining.	At 2025-11-22T14:15:01Z an instance was taken out of service in response to an EC2 health check indicating it has been terminated or stopped.	2025 November 22, 09:15:01 AM -05:00	2025 November 22, 09:15:01 AM -05:00

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 09:19 22-11-2025

ATS mat... (1) Jasw... Federat... AWS Sk... Jaswant... AWS Sk... Cloud Q... Auto Sc... Jaswant... travelag... +

travelagencywebservers-1-1313244485.us-east-1.elb.amazonaws.com/health

Instance i-0acf5fe744c15da12 is healthy



us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#EditAutoScalingGroupId=TravelAgencyWebServers

aws Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabsUser-tsz5zg8xnBD2inoVJc5jw/98ea6b70...

EC2 > Auto Scaling groups > TravelAgencyWebServers > Edit

Elastic Block Store

- Volumes
- Snapshots
- Lifecycle Manager

Network & Security

- Security Groups
- Elastic IPs
- Placement Groups
- Key Pairs
- Network Interfaces

Load Balancing

- Load Balancers
- Target Groups
- Trust Stores

Auto Scaling

- Auto Scaling Groups

Settings

Auto Scaling group updated successfully

NETWORK

For most applications, you can use multiple Availability Zones and let EC2 Auto Scaling balance your instances across the zones. The default VPC and default subnets are suitable for getting started quickly.

Availability Zones and subnets

Select Availability Zones and subnets

us-east-1a | subnet-012268f13cd0773f7 (lab/TravelAgencyVpc/PublicSubnet1) X
10.0.0.0/19

us-east-1b | subnet-0896de0e14a92e91a (lab/TravelAgencyVpc/PublicSubnet2) X
10.0.32.0/19

us-east-1c | subnet-0a6590c76be53e388 (lab/TravelAgencyVpc/PublicSubnet3) X
10.0.64.0/19

Create a subnet

Availability Zone distribution - new

Auto Scaling automatically balances instances across Availability Zones. If launch failures occur in a zone, select a strategy.

Balanced best effort
If launches fail in one Availability Zone, Auto Scaling will attempt to launch in another healthy Availability Zone.

Balanced only
If launches fail in one Availability Zone, Auto Scaling will continue to attempt to launch in the unhealthy Availability Zone to preserve balanced distribution.

Cancel Update

CloudShell Feedback Search © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 09:23 22-11-2025

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AutoScalingGroups:id=TravelAgencyWebServers:view=details

aws Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabsUser-tsz5zg8xnBD2inoVJc5jw/98ea6b70...

EC2 > Auto Scaling groups

Elastic Block Store

- Volumes
- Snapshots
- Lifecycle Manager

Network & Security

- Security Groups
- Elastic IPs
- Placement Groups
- Key Pairs
- Network Interfaces

Load Balancing

- Load Balancers
- Target Groups
- Trust Stores

Auto Scaling

- Auto Scaling Groups

Settings

Auto Scaling groups (1/1) Last updated less than a minute ago

Launch configurations Launch templates Actions Create Auto Scaling group

Search your Auto Scaling groups

Name	Launch template/configuration	Instances	Status	Desired capacity	Min	Max
TravelAgencyWebServers	TravelAgencyTemplate-40cb28c0 Version 1	1	-	1	1	1

Auto Scaling group: TravelAgencyWebServers

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

TravelAgencyWebServers Capacity overview

arn:aws:autoscaling:us-east-1:734979449836:autoScalingGroup:9c18ac47-f5b1-4c2d-aa55-afe84dcc26df:autoScalingGroupName/TravelAgencyWebServers

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

Date created Sat Nov 22 2025 08:24:54 GMT-0500 (Eastern Standard Time)

CloudShell Feedback Search © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 09:23 22-11-2025

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AutoScalingGroups:id=TravelAgencyWebServers:view=details

aws Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabsUser-tsz5zg8xnB0zinoVJc5jw/98ea6b70...

Elastic Block Store Auto Scaling group updated successfully

Auto Scaling groups (1/1) Info

Name: TravelAgencyWebServers

Group size

Desired capacity type: Units (number of instances)

Desired capacity: 2

Scaling limits

Min desired capacity: 1

Max desired capacity: 2

Desired capacity: 1

Date created: Sat Nov 22 2025 08:24:54 GMT-0500 (Eastern Standard Time)

Actions Create Auto Scaling group

Desired capacity: 1 Min: 1 Max: 1

Monitoring Tags - moved

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 09:24 22-11-2025

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AutoScalingGroups:id=TravelAgencyWebServers:view=details

aws Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabsUser-tsz5zg8xnB0zinoVJc5jw/98ea6b70...

Elastic Block Store Auto Scaling group updated successfully

Auto Scaling groups (1/1) Info Last updated less than a minute ago

Name: TravelAgencyWebServers Launch template/configuration: TravelAgencyTemplate-40cb28c0 | Version: 1 Desired capacity: 2

Launch configurations Launch templates Actions Create Auto Scaling group

Desired capacity: 2

Scaling limits (Min - Max): 1 - 2

Desired capacity type: Units (number of instances)

Status: Updating capacity...

Auto Scaling group: TravelAgencyWebServers

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

TravelAgencyWebServers Capacity overview

Desired capacity: 2 Scaling limits (Min - Max): 1 - 2 Desired capacity type: Units (number of instances) Status: Updating capacity...

Date created: Sat Nov 22 2025 08:24:54 GMT-0500 (Eastern Standard Time)

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 09:24 22-11-2025

Screenshot of the AWS CloudShell interface showing the AWS Management Console. The user is navigating through the EC2 service, specifically the Auto Scaling groups section. A success message is displayed: "Auto Scaling group updated successfully". The "Auto Scaling groups" table shows one entry: "TravelAgencyWebServers" with a status of "Updating capacity...". Below this, the "Auto Scaling group: TravelAgencyWebServers" details table shows two log entries: one for launching a new instance and another for launching a new EC2 instance due to an unhealthy instance.

Status	Description	Cause	Start time	End time
Not yet in service	Launching a new EC2 instance: i-0f442f02a3a514c21	At 2025-11-22T14:24:20Z a user request update of AutoScalingGroup constraints to min: 1, max: 2, desired: 2 changing the desired capacity from 1 to 2. At 2025-11-22T14:24:33Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 1 to 2.	2025 November 22, 09:24:34 AM -05:00	
Successful	Launching a new EC2 instance: i-Oacf5fe744c15da12	At 2025-11-22T14:15:01Z an instance was launched in response to an unhealthy instance needing to be replaced.	2025 November 22, 09:15:03 AM -05:00	2025 November 22, 09:15:03 AM -05:00

Screenshot of the AWS CloudShell interface showing the AWS Management Console. The user is navigating through the EC2 service, specifically the Instances section. The "Instances (1/3) info" table shows three instances: "TravelAgencyWebServers" (i-Oacf5fe744c15da12, Running, t3.micro, us-east-1a), "TravelAgencyWebServers" (i-03d049196843942a8, Terminated, t3.micro, us-east-1a), and "TravelAgencyWebServers" (i-0f442f02a3a514c21, Running, t3.micro, us-east-1c). Below this, the "i-Oacf5fe744c15da12 (TravelAgencyWebServers)" details table shows the networking configuration, including VPC ID, Subnet ID, and Availability zone.

VPC ID	Subnet ID	Availability zone
vpc-00b40a93a7f216649 (Lab/TravelAgencyVpc)	subnet-012268f13c0f775f7	us-east-1a

The screenshot shows the AWS EC2 Instances page. On the left, the navigation menu is expanded, showing options like Dashboard, EC2 Global View, Events, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Capacity Manager, Images, AMIs, and AMI Catalog. The main content area displays a table titled "Instances (1/3) info". The table has columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IPv4. There are three rows:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
TravelAgency...	i-0acf5fe744c15da12	Running	t3.micro	5/5 checks passed	View alarms +	us-east-1a	ec2-44-220
TravelAgency...	i-03d049196843942a8	Terminated	t3.micro	-	View alarms +	us-east-1a	-
TravelAgency...	i-0f442f02a3a514c21	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1c	ec2-52-91-1

Below the table, a modal window is open for the instance with ID i-0acf5fe744c15da12, titled "i-0acf5fe744c15da12 (TravelAgencyWebServers)". The "Networking" tab is selected. It shows the VPC ID (vpc-00b40a93a7f216649), Subnet ID (subnet-012268f13c0f773f), and Availability zone (us-east-1a). At the bottom of the page, there are links for CloudShell and Feedback, along with the standard AWS footer.

This screenshot is nearly identical to the one above, showing the AWS EC2 Instances page. The navigation menu is the same, and the main content area shows the same table of instances. However, the third instance (i-0f442f02a3a514c21) is now selected, indicated by a blue border around its row. The modal window below is also for this specific instance, showing the same networking details: VPC ID (vpc-00b40a93a7f216649), Subnet ID (subnet-012268f13c0f773f), and Availability zone (us-east-1a). The bottom of the page includes CloudShell and Feedback links and the standard AWS footer.

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AutoScalingGroupsId=TravelAgencyWebServers&view=details

aws Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabsUser-tsz5zg8xnBDzinoVcSw/98ea6b70...

Auto Scaling groups (1/1) Info Last updated 16 minutes ago Launch configurations Launch templates Actions Create Auto Scaling group

TravelAgencyWebServers TravelAgencyTemplate-40cb28c0 | Version 2 Updating capacity... 3 1 3

TravelAgencyWebServers Capacity overview Edit

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

Date created Sat Nov 22 2025 08:24:54 GMT-0500 (Eastern Standard Time)

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 09:39 22-11-2025

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#InstancesId=3:\$case=true%5Cclient:false;\$regex=tags:false%5Cclient:false

aws Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabsUser-tsz5zg8xnBDzinoVcSw/98ea6b70...

Instances (1/4) Info Last updated less than a minute ago Connect Instance state Actions Launch instances

Find Instance by attribute or tag (case-sensitive) All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
TravelAgency...	i-0acf5fe744c15da12	Running	t3.micro	5/5 checks passed	View alarms +	us-east-1a	ec2-44-220
TravelAgency...	i-03d0491968a3942a8	Terminated	t3.micro	-	View alarms +	us-east-1a	-
TravelAgency...	i-0f442f02a3a514c21	Running	t3.micro	5/5 checks passed	View alarms +	us-east-1c	ec2-52-91-1
TravelAgency...	i-07e556d23c602aec3	Running	t3.micro	5/5 checks passed	View alarms +	us-east-1b	ec2-44-203

i-0f442f02a3a514c21 (TravelAgencyWebServers)

Dualstack - IP based name: A and AAAA record - IPv6-only - IP based name: AAAA record only Public hostname type public-ipv4-dns-name

Private hostname type Use RBN as guest OS hostname Answer RBN DNS hostname IPv4

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 09:40 22-11-2025