

3) IAM:

GROUP:

aws console - Yahoo India Search x IAM Management Console x IAM Management Console x IAM Management Console x +

us-east-1.console.aws.amazon.com/iamv2/home#/groups/details/EC2-Admins?section=users

aws Services Search [Alt+S]

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Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users
- Roles
- Policies

Identity providers

Account settings

Access reports

- Access analyzer
 - Archive rules
 - Analyzers
- Settings
- Credential report
- Organization activity
- Service control policies (SCPs)

IAM > User groups > EC2-Admins

EC2-Admins

Summary

User group name

EC2-Admins

Creation time

May 04, 2023, 14:06 (UTC+05:30)

ARN

arn:aws:iam::658782087768:group/EC2-Admins

Users

Permissions

Access Advisor

Users in this group (1)

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.

Search

< 1 >

User name

Groups

Last activity

Creation time

EC2Admin1

1

None

7 minutes ago

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IAM Management Console

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us-east-1.console.aws.amazon.com/iamv2/home#/users/details/EC2Admin1?section=permissions

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Organization activity

Service control policies (SCPs)

IAM > Users > EC2Admin1

EC2Admin1

Delete

Summary

ARN
arn:aws:iam::658782087768:user/EC2Admin1

Console access
Disabled

Access key 1
Not enabled

Created
May 04, 2023, 14:03 (UTC+05:30)

Last console sign-in
-

Access key 2
Not enabled

Permissions

Groups (1)

Tags

Security credentials

Access Advisor

Permissions policies (2)

Permissions are defined by policies attached to the user directly or through groups.

Find policies

Policy name

Type

Attached via

AmazonEC2FullAccess

AWS managed

Group EC2-Admins

AutoScalingFullAccess

AWS managed

Directly, Group EC2-Admins

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POLICIES ATTACHED:

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us-east-1.console.aws.amazon.com/iamv2/home#/users/details/EC2Admin1?section=permissions

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Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

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Credential report

Organization activity

Service control policies (SCPs)

IAM > Users > EC2Admin1

EC2Admin1

Delete

Summary

ARN
arn:aws:iam::658782087768:user/EC2Admin1

Console access
Disabled

Access key 1
Not enabled

Created
May 04, 2023, 14:03 (UTC+05:30)

Last console sign-in
-

Access key 2
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Groups (1)

Tags

Security credentials

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Find policies

Policy name

Type

Attached via

AmazonEC2FullAccess

AWS managed

Group EC2-Admins

AutoScalingFullAccess

AWS managed

Directly, Group EC2-Admins

Permissions boundary (not set)

Set a permissions boundary to control the maximum permissions for this user. Use this advanced feature used to delegate permission management to others. [Learn more](#)

Generate policy based on CloudTrail events

You can generate a new policy based on the access activity for this user, then customize, create, and attach it to this role. AWS uses your CloudTrail events to identify the services

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2) EC2

NAME:

aws console - Yahoo India SearchIAM Management ConsoleIAM Management ConsoleIAM Management ConsoleInstance details | EC2 Management

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#InstanceDetails:instanceId=i-042a475812cadaca2

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EventsLimitsInstancesInstance TypesLaunch TemplatesSpot RequestsSavings PlansReserved InstancesDedicated HostsCapacity ReservationsImagesAMIsAMI CatalogElastic Block StoreVolumesSnapshotsLifecycle ManagerNetwork & SecurityCloudShellFeedbackLanguage

EC2 > Instances > i-042a475812cadaca2

Instance summary for i-042a475812cadaca2 (ec2usecase1) Info

Updated less than a minute ago

Instance IDi-042a475812cadaca2 (ec2usecase1)

IPv6 address-

Hostname typeIP name: ip-172-31-15-68.ap-south-1.compute.internal

Answer private resource DNS nameIPv4 (A)3.111.41.253 [Public IP]

IAM Role-

IMDSv2Optional

Public IPv4 address3.111.41.253 | open address

Instance stateRunning

Private IP DNS name (IPv4 only)ip-172-31-15-68.ap-south-1.compute.internal

Instance type t2.micro

VPC IDvpc-05951a05c32bc1805

Subnet IDsubnet-06b3db878c5ee6ffb

Private IPv4 addresses172.31.15.68

Public IPv4 DNSec2-3-111-41-253.ap-south-1.compute.amazonaws.com | open address

Elastic IP addresses-

AWS Compute Optimizer findingOpt-in to AWS Compute Optimizer for recommendations. | Learn more

Auto Scaling Group name-

DetailsSecurityNetworkingStorageStatus checksMonitoringTags

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ec2usecase2.ppk

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New EC2 ExperienceTell us what you think

EC2 DashboardEC2 Global ViewEventsLimitsInstancesInstance TypesLaunch TemplatesSpot RequestsSavings PlansReserved InstancesDedicated HostsCapacity ReservationsImagesAMIsAMI CatalogElastic Block StoreVolumesSnapshotsLifecycle ManagerNetwork & SecurityCloudShellFeedbackLanguage

DetailsSecurityNetworkingStorageStatus checksMonitoringTags

▼ Instance details Info

Platformwindows

Platform detailsWindows

Stop protectionDisabled

Instance auto-recoveryDefault

AMI Launch index0

Credit specificationstandard

Usage operationRunInstances:0002

Enclaves Support-

Allow tags in instance metadataDisabled

AMI IDami-06c2ec1ceac22e8d6

AMI nameWindows_Server-2022-English-Full-Base-2023.04.12

Launch timeThu May 04 2023 14:21:43 GMT+0530 (India Standard Time) (16 minutes)

Lifecycle normal

Key pair assigned at launchec2usecase1

Kernel ID-

RAM disk ID-

Boot mode-

Use RBN as guest OS hostnameDisabled

Monitoringdisabled

Termination protectionDisabled

AMI locationamazon/Windows_Server-2022-English-Full-Base-2023.04.12

Stop-hibernate behaviordisabled

State transition reason-

State transition message-

Owner658782087768

Current instance boot modelegacy-bios

Answer RBN DNS hostname IPv4Enabled

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ec2usecase2.ppk

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IAM Management Console

IAM Management Console

IAM Management Console

Instance details | EC2 Management Console

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#InstanceDetails:instanceId=i-042a475812cadaca2

aws

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Auto-assigned IP address

3.111.41.253 [Public IP]

IAM Role

-

IMDSv2

Optional

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Instance details Info

Platform

windows

Platform details

windows

Stop protection

Disabled

Instance auto-recovery

Default

AMI Launch index

0

Credit specification

AMI ID

ami-06c2ec1ceac22e8d6

AMI name

Windows_Server-2022-English-Full-Base-2023.04.12

Launch time

Thu May 04 2023 14:21:43 GMT+0530 (India Standard Time) (3 minutes)

Lifecycle

normal

Key pair assigned at launch

ec2usecase1

Kernel ID

Monitoring

disabled

Termination protection

Disabled

AMI location

amazon/Windows_Server-2022-English-Full-Base-2023.04.12

Stop-hibernate behavior

disabled

State transition reason

-

State transition message

CloudShell

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AUTO-ASSIGNED PUBLIC ENABLED:

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IAM Management Console

IAM Management Console

IAM Management Console

Instance details | EC2 Management Console

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#InstanceDetails:instanceId=i-042a475812cadaca2

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EC2 > Instances > i-042a475812cadaca2

Instance summary for i-042a475812cadaca2 (ec2usecase1) Info

Updated less than a minute ago

Connect

Instance state

Actions

Instance ID

i-042a475812cadaca2 (ec2usecase1)

Public IPv4 address

3.111.41.253 | open address

Private IPv4 addresses

172.31.15.68

IPv6 address

-

Instance state

Running

Public IPv4 DNS

ec2-3-111-41-253.ap-south-1.compute.amazonaws.com | open address

Hostname type

IP name: ip-172-31-15-68.ap-south-1.compute.internal

Private IP DNS name (IPv4 only)

ip-172-31-15-68.ap-south-1.compute.internal

Answer private resource DNS name

IPv4 (A)

Instance type

t2.micro

Auto-assigned IP address

3.111.41.253 [Public IP]

VPC ID

vpc-05951a05c32bc1805

IAM Role

-

Subnet ID

subnet-06b3db878c5ee6ffb

IMDSv2

Optional

Details

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Elastic IP addresses

-

AWS Compute Optimizer finding

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Learn more

Auto Scaling Group name

-

CloudShell

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REMOTE DESKTOP CONNECTION:

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ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

aws Services Search [Alt+S]

Network Info

vpc-05951a05c32bc1805

Subnet Info

No preference (Default subnet in any availability zone)

Auto-assign public IP Info

Enable

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group Select existing security group

We'll create a new security group called 'launch-wizard-21' with the following rules:

☒ Allow RDP traffic from

Helps you connect to your instance

Anywhere

0.0.0.0/0

☐ Allow HTTPS traffic from the internet

To set up an endpoint, for example when creating a web server

☐ Allow HTTP traffic from the internet

To set up an endpoint, for example when creating a web server

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.

Summary

Number of instances Info

1

Software Image (AMI)

Microsoft Windows Server 2022 ...read more

ami-06c2ec1ceac22e8d6

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 GiB

Free tier: In your first year includes 750

Cancel Launch instance

Review commands

CloudShell Feedback Language

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ec2usecase1 (1).ppk ec2usecase2.ppk

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1)EC2:

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New EC2 Experience

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Instance summary for i-0cfa67ecfd5ffd87c (ec2usecase2)

Updated less than a minute ago

Instance ID

i-0cfa67ecfd5ffd87c (ec2usecase2)

Public IPv4 address

13.233.160.171 | [open address](#)

Private IPv4 addresses

172.31.9.119

IPv6 address

-

Instance state

Running

Public IPv4 DNS

ec2-13-233-160-171.ap-south-1.compute.amazonaws.com | [open address](#)

Hostname type

IP name: ip-172-31-9-119.ap-south-1.compute.internal

Private IP DNS name (IPv4 only)

ip-172-31-9-119.ap-south-1.compute.internal

Answer private resource DNS name

IPv4 (A)

Instance type

t2.micro

Auto-assigned IP address

13.233.160.171 [Public IP]

VPC ID

vpc-05951a05c32bc1805

IAM Role

-

Subnet ID

subnet-06b3db878c5ee6ffb

IMDSv2

Required

Elastic IP addresses

-

AWS Compute Optimizer finding

[Opt-in to AWS Compute Optimizer for recommendations.](#)

Learn more

Auto Scaling Group name

-

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Instance details

Info

Platform

Amazon Linux (Inferred)

Platform details

Linux/UNIX

Stop protection

Disabled

Instance auto-recovery

Default

AMI Launch index

0

Credit specification

standard

Usage operation

RunInstances

Enclaves Support

-

Allow tags in instance metadata

Disabled

AMI ID

ami-0b08bfc6ff7069aff

Monitoring

disabled

AMI name

al2023-ami-2023.0.20230503.0-kernel-6.1-x86_64

Termination protection

Disabled

Launch time

Thu May 04 2023 14:18:20 GMT+0530 (India Standard Time) (12 minutes)

AMI location

amazon/al2023-ami-2023.0.20230503.0-kernel-6.1-x86_64

Lifecycle

normal

Stop-hibernate behavior

disabled

Key pair assigned at launch

ec2usecase2

State transition reason

-

Kernel ID

-

State transition message

-

RAM disk ID

-

Owner

658782087768

Boot mode

uefi-preferred

Current instance boot mode

legacy-bios

Use RBN as guest OS hostname

Disabled

Answer RBN DNS hostname IPv4

Enabled

Details

Security

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Storage

Status checks

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IAM Management Console

IAM Management Console

IAM Management Console

Instance details | EC2 Management

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#InstanceDetails:instanceId=i-0cfa67ecd5fd87c

aws

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IMDSv2 Required

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Instance details Info

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Amazon Linux (Inferred)

Platform details

Linux/UNIX

Stop protection

Disabled

Instance auto-recovery

Default

AMI Launch index

0

Credit specification

standard

Usage operation

RunInstances

AMI ID

ami-0b08bfc6ff7069aff

AMI name

al2023-ami-2023.0.20230503.0-kernel-6.1-x86_64

Launch time

Thu May 04 2023 14:18:20 GMT+0530 (India Standard Time) (12 minutes)

Lifecycle

normal

Key pair assigned at launch

ec2usecase2

Kernel ID

-

RAM disk ID

-

Monitoring

disabled

Termination protection

Disabled

AMI location

amazon/al2023-ami-2023.0.20230503.0-kernel-6.1-x86_64

Stop-hibernate behavior

disabled

State transition reason

-

State transition message

-

Owner

658782087768

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IAM Management Console

IAM Management Console

Instance details | EC2 Management

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#InstanceDetails:instanceId=i-0416a58ca7d071242

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IMDSv2 Required

Details

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Root device details

Root device name

/dev/xvda

Root device type

EBS

EBS optimization

disabled

Block devices

Filter block devices

Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time	Encrypted	KMS key ID
vol-060fdd8b689c256db	/dev/xvda	10	Attached	2023/05/04 14:34 GMT+5:30	No	-

Recent root volume replacement tasks

Filter tasks

Task ID	Task state	Start time	Completion time	Tags
No recent replace root volume tasks				

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ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

aws Services Search [Alt+S]

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Subnet [Info](#)

No preference (Default subnet in any availability zone)

Auto-assign public IP [Info](#)

Enable

Firewall (security groups) [Info](#)

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group

Select existing security group

We'll create a new security group called 'launch-wizard-21' with the following rules:

☒ Allow SSH traffic from

Helps you connect to your instance

Anywhere

0.0.0.0/0

☐ Allow HTTPS traffic from the internet

To set up an endpoint, for example when creating a web server

☐ Allow HTTP traffic from the internet

To set up an endpoint, for example when creating a web server

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.

Summary

Number of instances [Info](#)

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.0.2...[read more](#)

ami-0b08bfc6ff7069aff

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 10 GiB

Free tier: In your first year includes 750

Cancel

Launch instance

[Review commands](#)

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