

## OUTPUT:

**User groups (3) Info**

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.

Group name	Users	Permissions	Creation time
<a href="#">EC2-Admin</a>	0	Defined	26 minutes ago
<a href="#">EC2-Support</a>	0	Defined	26 minutes ago
<a href="#">S3-Support</a>	0	Defined	26 minutes ago

**Users (4) Info**

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

User name	Path	Groups	Last activity	MFA	Password age	Console
<a href="#">awsstudent</a>	/	Access denied	Access denied	Access denied	Access denied	-
<a href="#">user-1</a>	/spl66/	0	-	-	26 minutes	-
<a href="#">user-2</a>	/spl66/	0	-	-	26 minutes	-
<a href="#">user-3</a>	/spl66/	0	-	-	26 minutes	-

The image displays three sequential screenshots of the AWS IAM console, illustrating the process of creating and managing user groups for different services.

**Screenshot 1: S3-Support User Group**

- Page Title:** S3-Support
- Summary:**
  - User group name: S3-Support
  - Creation time: January 22, 2024, 18:38 (UTC+05:30)
  - ARN: `arn:aws:iam::244673168904:group/spl66/S3-Support`
- Users in this group (1):**

User name	Groups	Last activity	Creation time
user-1	1	None	29 minutes ago

**Screenshot 2: EC2-Support User Group**

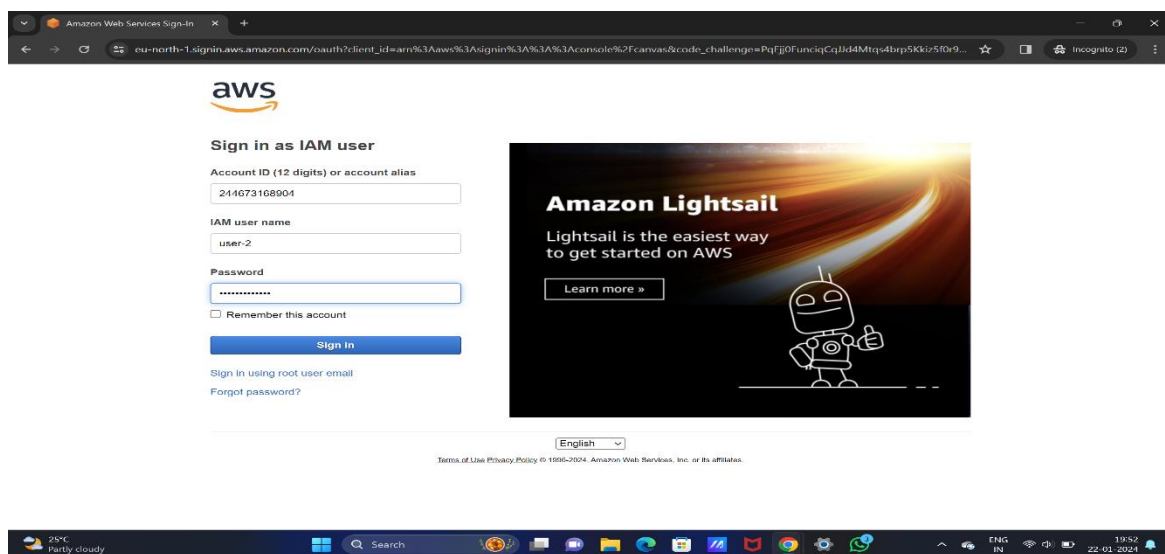
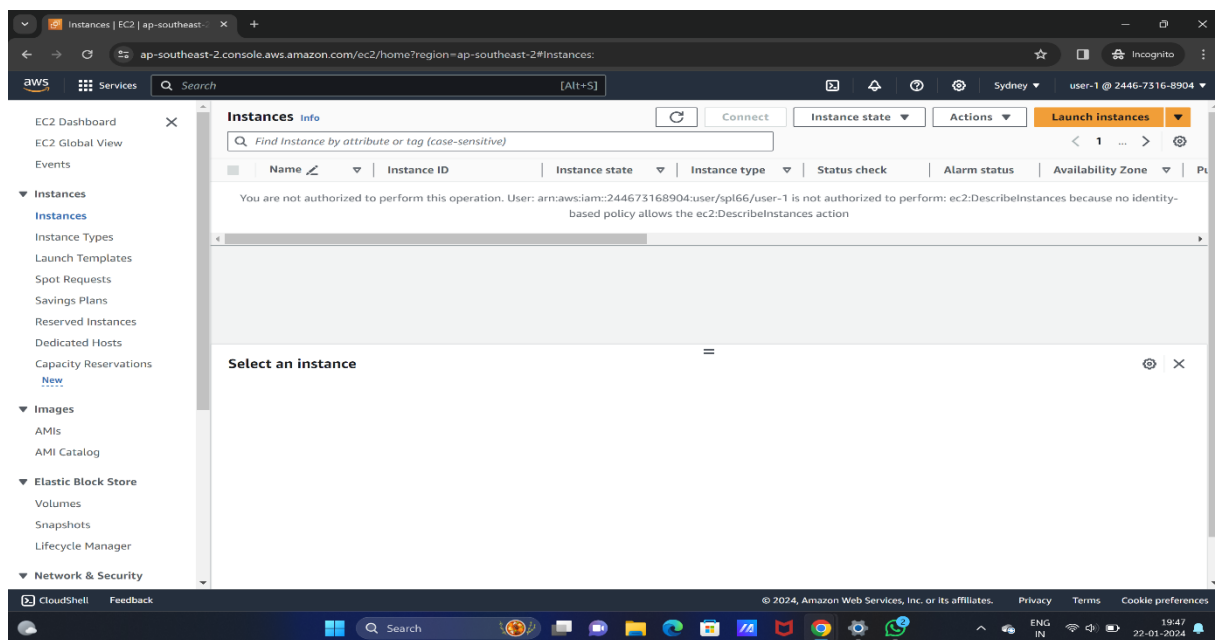
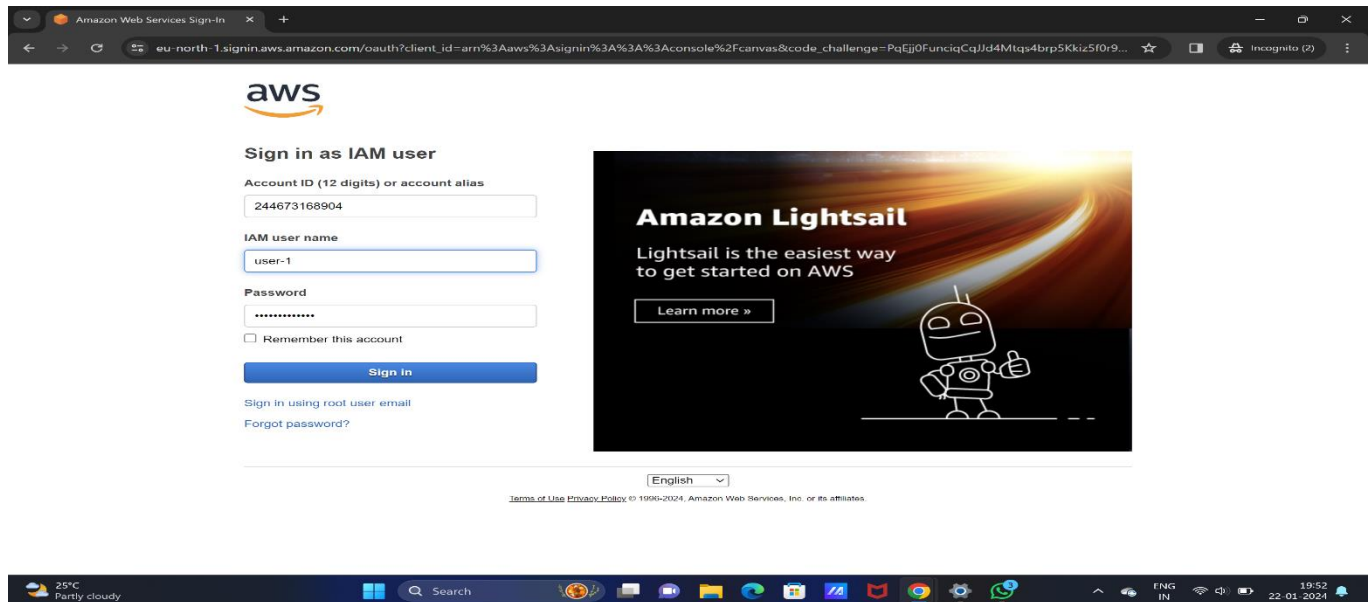
- Page Title:** EC2-Support
- Summary:**
  - User group name: EC2-Support
  - Creation time: January 22, 2024, 18:38 (UTC+05:30)
  - ARN: `arn:aws:iam::244673168904:group/spl66/EC2-Support`
- Users in this group (1):**

User name	Groups	Last activity	Creation time
user-2	1	None	31 minutes ago

**Screenshot 3: EC2-Admin User Group**

- Page Title:** EC2-Admin
- Summary:**
  - User group name: EC2-Admin
  - Creation time: January 22, 2024, 18:38 (UTC+05:30)
  - ARN: `arn:aws:iam::244673168904:group/spl66/EC2-Admin`
- Users in this group (1):**

User name	Groups	Last activity	Creation time
user-3	1	None	32 minutes ago



Amazon Web Services Sign-In

eu-north-1:signin.aws.amazon.com/oauth?client\_id=arn%3Aaws%3Asignin%3A%3A%3Aconsole%2Fcanvas&code\_challenge=ROhFRJsoLhU0-Eny3xCCTMvYXZ1N5Et...

### Sign in as IAM user

Account ID (12 digits) or account alias  
244673168904

IAM user name  
user-3

Password  
.....

☐ Remember this account

**Sign in**

Sign in using root user email  
Forgot password?


English

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Instances | EC2 | us-east-1

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

Services Search [Alt+S]

N. Virginia user-3 @ 2446-7316-8904

EC2 Dashboard

EC2 Global View

Events

Console-to-Code

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

CloudShell Feedback

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25°C Partly cloudy

Search

20:06 22-01-2024

Successfully stopped i-0bfe638fa8181b0a2

### Instances (1/2) Info

Find Instance by attribute or tag (case-sensitive)

Any state

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input checked="" type="checkbox"/>	LabHost	i-0bfe638fa8181b0a2	Stopping	t2.micro	2/2 checks passed	User: arn:aws:iam::244673168904:user-3	us-east-1a
<input type="checkbox"/>	Bastion Host	i-095b4fa39713338a1	Running	t2.micro	2/2 checks passed	User: arn:aws:iam::244673168904:user-3	us-east-1a

### Instance: i-0bfe638fa8181b0a2 (LabHost)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0bfe638fa8181b0a2 (LabHost)	3.239.228.24 <a href="#">open address</a>	10.1.11.150
IPv6 address	Instance state	Public IPv4 DNS
-	Stopping	ec2-3-239-228-24.compute-1.amazonaws.com <a href="#">open address</a>
Hostname type	Private IP DNS name (IPv4 only)	
IP name: ip-10-1-11-150.ec2.internal	ip-10-1-11-150.ec2.internal	

The screenshot shows the AWS Management Console for the 'Web Security Group' (sg-04068a8278e644c42). The console is in the 'us-east-1' region. The left sidebar shows the 'Virtual private cloud' and 'Security' sections. The main content area displays the 'Details' of the security group, including its ID, name, description, and VPC ID. Below the details, there are tabs for 'Inbound rules', 'Outbound rules', and 'Tags'. The 'Inbound rules' tab is selected, showing a list of rules. The console also displays the 'CloudShell' and 'Feedback' buttons at the bottom.

Security group (sg-04068a8278e644c42 | Web Security Group) was created successfully

Details

VPC > Security Groups > sg-04068a8278e644c42 - Web Security Group

sg-04068a8278e644c42 - Web Security Group

Details

Property	Value
Security group name	Web Security Group
Security group ID	sg-04068a8278e644c42
Description	Enable HTTP access
VPC ID	vpc-0976a4551ae91f3c2
Owner	040248938027
Inbound rules count	1 Permission entry
Outbound rules count	1 Permission entry

Inbound rules (1)

Name	Security group rule...	IP version	Type	Protocol

The screenshot shows the AWS Management Console for the 'lab-vpc' (vpc-0976a4551ae91f3c2). The console is in the 'us-east-1' region. The left sidebar shows the 'Virtual private cloud' and 'Security' sections. The main content area displays the 'Details' of the VPC, including its ID, state, DNS hostnames, and DNS resolution. Below the details, there are tabs for 'Resource map', 'CIDRs', 'Flow logs', 'Tags', and 'Integrations'. The 'Resource map' tab is selected, showing a diagram of the VPC resources, including subnets and route tables.

VPC > Your VPCs > vpc-0976a4551ae91f3c2

vpc-0976a4551ae91f3c2 / lab-vpc

Details

Property	Value
VPC ID	vpc-0976a4551ae91f3c2
State	Available
DNS hostnames	Enabled
DNS resolution	Enabled
Tenancy	Default
DHCP option set	dopt-02702fef3f39cf7aa
Main route table	rtb-079d3d5d05394e05c
Main network ACL	acl-01e7e4056c4991e17
Default VPC	No
IPv4 CIDR	10.0.0.0/16
IPv6 pool	-
Owner ID	040248938027

Resource map

VPC Show details

Subnets (2)

Route tables (3)

The screenshot shows the AWS Management Console for the 'EC2 Dashboard'. The console is in the 'us-east-1' region. The left sidebar shows the 'EC2 Dashboard' and 'Instances' sections. The main content area displays the 'Resources' section, showing a list of EC2 resources in the US East (N. Virginia) Region. Below the resources, there are tabs for 'Launch instance', 'Service health', and 'Account attributes'. The 'Launch instance' tab is selected, showing a 'Launch instance' button and a 'Migrate a server' button. The console also displays the 'EC2 Free Tier' offers and the 'Account attributes' section.

Lab 2 - Build your VPC and Launch EC2 Instance

Dashboard | EC2 | us-east-1

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

Resources

You are using the following Amazon EC2 resources in the US East (N. Virginia) Region:

Resource	Count
Instances (running)	1
Dedicated Hosts	0
Instances	1
Load balancers	0
Security groups	5
Volumes	1
Auto Scaling Groups	0
Elastic IPs	2
Key pairs	1
Placement groups	0
Snapshots	0

Launch instance

Service health

Account attributes

Lab 2 - Build your VPC and Launch EC2 Instances | EC2 | us-east-1

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

Instances (2) Info

Find Instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Web Server 1	i-0149e020d97d20864	Running	t2.micro	Initializing	View alarms +	us-east-1b
Bastion Host	i-0426c3159bd433f49	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1a

Select an instance

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24°C Clear 22:08 22-01-2024

Lab 2 - Build your VPC and Launch EC2 Instances | EC2 | us-east-1

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

Instances (2) Info

Find Instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Web Server 1	i-0149e020d97d20864	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b
Bastion Host	i-0426c3159bd433f49	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1a

Select an instance

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24°C Clear 22:11 22-01-2024

The screenshot shows the AWS Management Console for the EC2 service in the us-east-1 region. The left sidebar contains navigation links for EC2 Dashboard, EC2 Global View, Events, Console-to-Code, and various instance types like Spot Requests, Savings Plans, and Reserved Instances. The main content area is divided into several sections: 'Resources' showing a summary of EC2 resources (Instances, Auto Scaling Groups, Elastic IPs, etc.), 'Launch instance' button, 'Service health' with the AWS Health Dashboard link, and 'Account attributes' showing the default VPC and settings. A '0 EC2 free tier offers in use' warning is also present.

This screenshot displays the 'Instances (1/2)' page in the AWS console. It shows a table with columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm status, and Availability Zone. Two instances are listed: 'web Server' (i-0be2fb9d18fc785bd) and 'Bastion Host' (i-0f8f537a8e0135ea2), both in a 'Running' state. Below the table, the 'Monitoring' tab is selected for the 'web Server' instance, showing various performance metrics like CPU utilization, network in/out, and disk reads/writes.

The screenshot shows the 'Get instance screenshot' page for the instance 'i-0be2fb9d18fc785bd'. It includes a 'Download' button and a preview of the screenshot. The screenshot content shows a terminal window with the following text:

```
Amazon Linux 2023
Kernel 6.1.72-96.amzn2023.x86_64 on an x86_64 (-)

ip-10-0-1-254 login: [ 32.197948] zram_generator::config[24781]: zram0: system
has too much memory (949MB), limit is 800MB, ignoring.
[ 32.237743] systemd-sysv-generator[24761]: SysU service '/etc/rc.d/init.d/cfn-
hub' lacks a native systemd unit file. Automatically generating a unit file for
compatibility. Please update package to include a native systemd unit file. In o
rder to make it more safe and robust.
[ 33.562237] systemd-sysv-generator[38231]: SysU service '/etc/rc.d/init.d/cfn-
hub' lacks a native systemd unit file. Automatically generating a unit file for
compatibility. Please update package to include a native systemd unit file. In o
rder to make it more safe and robust.
[ 33.578698] zram_generator::config[38251]: zram0: system has too much memory (
949MB), limit is 800MB, ignoring.
```



The screenshot displays the AWS Management Console for the 'Web Server security group' (sg-070b2fcb4f95b780) in the us-east-1 region. A green notification banner at the top states: 'Inbound security group rules successfully modified on security group (sg-070b2fcb4f95b780 | Web Server security group)'. The left sidebar shows navigation options like EC2 Dashboard, Instances, Images, and Elastic Block Store. The main content area shows the security group details, including its name, ID, description, VPC ID, owner, and rule counts. Below the details, there are tabs for 'Inbound rules', 'Outbound rules', and 'Tags'. The 'Inbound rules' tab is active, showing a search bar and a table with one rule.

Name	Security group rule...	IP version	Type	Protocol	Port range
Inbound rules (1)					

The screenshot displays the AWS Management Console for the 'Instances' page in the us-east-1 region. The left sidebar shows navigation options like EC2 Dashboard, Instances, Images, and Elastic Block Store. The main content area shows a list of instances with columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm status, and Availability Zone. Two instances are listed: 'web Server' and 'Bastion Host', both in a 'Running' state. Below the list, there is a 'Select an instance' section.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
web Server	i-0be2fb9d18fc785bd	Running	t2.small	2/2 checks passed	View alarms +	us-east-1a
Bastion Host	i-0f8f537a8e0135ea2	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1a