

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Home:

EC2 Dashboard Services Resource Groups

Volumes Key Pairs Placement Groups

Load Balancers Security Groups

vpc-496d8d22

Console experiments Settings

Additional Information

Getting Started Guide Documentation All EC2 Resources Forums Pricing Contact Us

Create Instance

To start using Amazon EC2 you will want to launch a virtual server, known as an Amazon EC2 instance.

Launch Instance

Note: Your instances will launch in the US East (Ohio) region

Service Health

Service Status: US East (Ohio)

Availability Zone Status:

- us-east-2a: Availability zone is operating normally
- us-east-2b: Availability zone is operating normally
- us-east-2c: Availability zone is operating normally

Scheduled Events

US East (Ohio): No events

Migrate a Machine

Use CloudEndure Migration to simplify, expedite, and automate large-scale migrations from physical, virtual, and cloud-based infrastructure to AWS.

Get started with CloudEndure Migration

AWS Marketplace

Find free software trial products in the AWS Marketplace from the EC2 Launch Wizard. Or try these popular AMIs:

- Barracuda CloudGen Firewall for AWS - PAYG
- Matillion ETL for Amazon Redshift
- Trend Micro Deep Security

By Barracuda Networks, Inc.

Rating ★★★★☆

Starting from \$0.60/hr or from \$4,599/yr (12% savings) for software + AWS usage fees

View all Infrastructure Software

By Matillion

Rating ★★★★★

\$1.37 to \$5.48/hr for software + AWS usage fees

View all Business Software

By Trend Micro

Rating ★★★★☆

\$0.096 to \$8.184/hr incl EC2 charges + other AWS usage fees

View all Infrastructure Software

Find more software on AWS Marketplace

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AWS Services Resource Groups

EC2 Dashboard

- Events
- Tags
- Reports
- Limits

INSTANCES

- Instances
- Launch Templates
- Spot Requests
- Reserved Instances
- Dedicated Hosts
- Capacity Reservations

IMAGES

- AMIs
- Bundle Tasks

ELASTIC BLOCK STORE

- Volumes
- Snapshots
- Lifecycle Manager

NETWORK & SECURITY

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

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aws Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 1: Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Search for an AMI by entering a search term e.g. "Windows"

Cancel and Exit

Quick Start

My AMIs

AWS Marketplace

Community AMIs

Free tier only ⓘ

Image	Name	Description	Select
Amazon Linux	Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-00c03f7f7f2ec15c3 (64-bit x86) / ami-014d175d64de0a174 (64-bit Arm)	Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. Root device type: ebs Virtualization type: hvm ENA Enabled: Yes	<input checked="" type="button" value="Select"/> <input type="radio"/> 64-bit (x86) <input type="radio"/> 64-bit (Arm)
Amazon Linux	Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-0c64dd618a49aeee8	The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages. Root device type: ebs Virtualization type: hvm ENA Enabled: Yes	<input type="button" value="Select"/> 64-bit (x86)
Red Hat	Red Hat Enterprise Linux 8 (HVM), SSD Volume Type - ami-0520e698dd500b1d1 (64-bit x86) / ami-0099847d600887c9f (64-bit Arm)	Red Hat Enterprise Linux version 8 (HVM), EBS General Purpose (SSD) Volume Type Root device type: ebs Virtualization type: hvm ENA Enabled: Yes	<input type="button" value="Select"/> <input type="radio"/> 64-bit (x86) <input type="radio"/> 64-bit (Arm)
SUSE Linux	SUSE Linux Enterprise Server 15 SP1 (HVM), SSD Volume Type - ami-052a6e77572eba9a9 (64-bit x86) / ami-034ecb883363663c5 (64-bit Arm)	SUSE Linux Enterprise Server 15 Service Pack 1 (HVM), EBS General Purpose (SSD) Volume Type. Public Cloud, Advanced Systems Management, Web and Scripting, and Legacy modules enabled. Root device type: ebs Virtualization type: hvm ENA Enabled: Yes	<input type="button" value="Select"/> <input type="radio"/> 64-bit (x86) <input type="radio"/> 64-bit (Arm)
Ubuntu	Ubuntu Server 18.04 LTS (HVM), SSD Volume Type - ami-0d5d9d301c853a04a (64-bit x86) / ami-0fb0129cd568fe35f (64-bit Arm)	Ubuntu Server 18.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical ( <a href="http://www.ubuntu.com/cloud/services">http://www.ubuntu.com/cloud/services</a> ). Root device type: ebs Virtualization type: hvm ENA Enabled: Yes	<input type="button" value="Select"/> <input type="radio"/> 64-bit (x86) <input type="radio"/> 64-bit (Arm)

Are you launching a database instance? Try Amazon RDS.

Hide

Step 1: Choose an Amazon Machine Image (AMI)

Image Type	Image Name	Description	Root device type	Virtualization type	ENAv Enabled	Action
Windows	Microsoft Windows Server 2016 with SQL Server 2016 Standard	Microsoft Windows 2016 Datacenter edition, Microsoft SQL Server 2016 Standard. [English]	ebs	hvm	Yes	Select
Windows	Microsoft Windows Server 2016 with SQL Server 2016 Enterprise	Microsoft Windows 2016 Datacenter edition, Microsoft SQL Server 2016 Enterprise. [English]	ebs	hvm	Yes	Select
Windows	Microsoft Windows Server 2012 R2 Base	Microsoft Windows 2012 R2 Standard edition with 64-bit architecture. [English]	ebs	hvm	Yes	Select
Windows	Microsoft Windows Server 2012 R2 with SQL Server 2016 Standard	Microsoft Windows Server 2012 R2 Standard edition, 64-bit architecture, Microsoft SQL Server 2016 Standard edition. [English]	ebs	hvm	Yes	Select
Windows	Microsoft Windows Server 2012 R2 with SQL Server 2016 Enterprise	Microsoft Windows Server 2012 R2 Standard edition, 64-bit architecture, Microsoft SQL Server 2016 Enterprise edition. [English]	ebs	hvm	Yes	Select
SUSE Linux	SUSE Linux Enterprise Server 12 SP4 (HVM), SSD Volume Type	SUSE Linux Enterprise Server 12 Service Pack 4 (HVM), EBS General Purpose (SSD) Volume Type. Public Cloud, Advanced Systems Management, Web and Scripting, and Legacy modules enabled.	ebs	hvm	Yes	Select
	Ubuntu Server 16.04 LTS (HVM), SSD Volume Type	Ubuntu Server 16.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Public Cloud, Advanced Systems Management, Web and Scripting, and Legacy modules enabled.	ebs	hvm	Yes	Select

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1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

## Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance types Current generation Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro <small>Free tier eligible</small>	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t3a.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	General purpose	t3a.micro	2	1	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	General purpose	t3a.small	2	2	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	General purpose	t3a.medium	2	4	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	General purpose	t3a.large	2	8	EBS only	Yes	Up to 5 Gigabit	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

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1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

### Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

**AMI Details** Edit AMI

Microsoft Windows Server 2012 R2 Base - ami-06d29c77f7ab40cf2  
**Free tier eligible** Microsoft Windows 2012 R2 Standard edition with 64-bit architecture. [English]  
Root Device Type: ebs Virtualization type: hvm

**Instance Type** Edit instance type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate

**Security Groups** Edit security groups

**Security group name** launch-wizard-1  
**Description** launch-wizard-1 created 2019-10-10T07:28:06.927-07:00

Type <i>i</i>	Protocol <i>i</i>	Port Range <i>i</i>	Source <i>i</i>	Description <i>i</i>
This security group has no rules				

**Instance Details** Edit instance details

**Storage** Edit storage

**Tags** Edit tags

Cancel Previous Launch

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Learning on Simplilearn

Launch instance wizard | EC2 Manager

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:

Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

AMI Details

Microsoft Windows Server 2012 R2 Base - ami-06d29c77f7ab40cf2

Free tier eligible

Microsoft Windows 2012 R2 Standard edition with 64-bit architecture. [English]

Root Device Type: ebs Virtualization type: hvm

Instance Type

Instance Type	ECUs	vCPUs	Memory (GiB)	Storage (GiB)
t2.micro	Variable	1	1	EBS

Security Groups

Security group name: launch-wizard-1  
Description: launch-wizard-1 created 2019-10-10T07:28:06.927-07:00

Type: All traffic Protocol: TCP Port Range: 22-22

Select an existing key pair or create a new key pair

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about [removing existing key pairs from a public AMI](#).

Create a new key pair

Key pair name: awstrn

Download Key Pair

You have to download the **private key file (\*.pem file)** before you can continue. **Store it in a secure and accessible location**. You will not be able to download the file again after it's created.

Cancel Launch Instances

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awstrn.pem

Show all

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Screenshot of a web browser showing the AWS EC2 Launch Instance Wizard. The title bar reads "Launch instance wizard | EC2 Managed". The address bar shows the URL "us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:". The AWS logo is in the top left, and the top navigation bar includes "Services", "Resource Groups", and user information "Imprakhar844 Imprakhar844 @... Ohio Support".

## Launch Status



### Initiating Instance Launches

Please do not close your browser while this is loading

Creating security groups... Successful

Authorizing inbound rules... Successful

Initiating launches...

Screenshot of a Windows desktop environment. The taskbar shows various pinned icons including File Explorer, Task View, Start, File History, Task Scheduler, and Edge. A file named "awstrn.pem" is open in the foreground. The system tray shows icons for battery, signal strength, volume, and network. The status bar at the bottom right indicates "7:29 AM". The top of the screen shows the AWS footer with links for "Feedback", "English (US)", "Privacy Policy", and "Terms of Use".

YouTube (405) 70s Special Mashup | Learning on Simplilearn | Launch instance wizard | EC2 Managed

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## Launch Status

### Your instances are now launching

The following instance launches have been initiated: i-0b3128a4744970f1c [View launch log](#)

### Get notified of estimated charges

Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

## How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click [View Instances](#) to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

### Here are some helpful resources to get you started

- [How to connect to your Windows instance](#)
- [Amazon EC2: User Guide](#)
- [Learn about AWS Free Usage Tier](#)
- [Amazon EC2: Microsoft Windows Guide](#)
- [Amazon EC2: Discussion Forum](#)

While your instances are launching you can also

[Create status check alarms](#) to be notified when these instances fail status checks. (Additional charges may apply)

[Create and attach additional EBS volumes](#) (Additional charges may apply)

[Manage security groups](#)

[View Instances](#)

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awstrn.pem

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us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:sort=instanceState

Services Resource Groups

EC2 Dashboard Events Tags Reports Limits

INSTANCES Instances Launch Templates Spot Requests Reserved Instances Dedicated Hosts Capacity Reservations

IMAGES AMIs Bundle Tasks

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awstrn.pem

Desktop » 7:29 AM

**Instances**

Launch Instance Connect Actions

Filter by tags and attributes or search by keyword

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 IPs	Key Name	Monitoring	Launch Ti
	i-0b3128a4744970f1c	t2.micro	us-east-2c	pending	Initializing	None	ec2-18-191-217-0.us-e...	18.191.217.0	-	awstrn	disabled	October 10

Instance: i-0b3128a4744970f1c Public DNS: ec2-18-191-217-0.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID	i-0b3128a4744970f1c	Public DNS (IPv4)	ec2-18-191-217-0.us-east-2.compute.amazonaws.com
Instance state	pending	IPv4 Public IP	18.191.217.0
Instance type	t2.micro	IPv6 IPs	-
Elastic IPs		Private DNS	ip-172-31-39-107.us-east-2.compute.internal
		Private IP	172.31.39.107

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Launch Instance Connect Actions

Filter by tags and attributes or search by keyword

Instance: i-0b3128a4744970f1c Public DNS: ec2-18-191-217-0.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

CloudWatch alarms: No alarms configured Create Alarm

CloudWatch metrics: Basic monitoring. Enable Detailed Monitoring Showing data for: Last Hour

CPU Utilization (Percent)

1	0.75	0.5	0.25	0
10/10	10/10	10/10	10/10	10/10
13:30	14:00	13:30	14:00	13:30

Disk Reads (Bytes)

1	0.75	0.5	0.25	0
10/10	10/10	10/10	10/10	10/10
13:30	14:00	13:30	14:00	13:30

Disk Read Operations (Operations)

1	0.75	0.5	0.25	0
10/10	10/10	10/10	10/10	10/10
13:30	14:00	13:30	14:00	13:30

Disk Writes (Bytes)

1	0.75	0.5	0.25	0
10/10	10/10	10/10	10/10	10/10
13:30	14:00	14:00	14:00	14:00

Disk Write Operations (Operations)

1	0.75	0.5	0.25	0
10/10	10/10	10/10	10/10	10/10
13:30	14:00	14:00	14:00	14:00

Network In (Bytes)

1	0.75	0.5	0.25	0
10/10	10/10	10/10	10/10	10/10
13:30	14:00	13:30	14:00	13:30

Network Out (Bytes)

1	0.75	0.5	0.25	0
10/10	10/10	10/10	10/10	10/10
13:30	14:00	13:30	14:00	13:30

Network Packets In (Count)

1	0.75	0.5	0.25	0
10/10	10/10	10/10	10/10	10/10
13:30	14:00	13:30	14:00	13:30

Network Packets Out (Count)

1	0.75	0.5	0.25	0
10/10	10/10	10/10	10/10	10/10
13:30	14:00	14:00	14:00	14:00

Status Check Failed (Any) (Count)

1	0.75	0.5	0.25	0
10/10	10/10	10/10	10/10	10/10
13:30	14:00	14:00	14:00	14:00

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Services Resource Groups

EC2 Dashboard Events Tags Reports Limits

INSTANCES Instances Launch Templates Spot Requests Reserved Instances Dedicated Hosts Capacity Reservations

IMAGES AMIs Bundle Tasks

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Desktop » 7:30 AM

**Create Alarm**

You can use CloudWatch alarms to be notified automatically whenever metric data reaches a level you define.

To edit an alarm, first choose whom to notify and then define when the notification should be sent.

Send a notification to: No SNS topics found...

Take the action:  Recover this instance  Stop this instance  Terminate this instance  Reboot this instance

Whenever: Average of CPU Utilization Is: >= 50 Percent

For at least: 1 consecutive period(s) of 5 Minutes

Name of alarm: awsec2-i-0b3128a4744970f1c-CPU-Utilization

CPU Utilization Percent

1  
0.75  
0.5  
0.25  
0  
10:10 10:10 10:10  
10:00 12:00 14:00

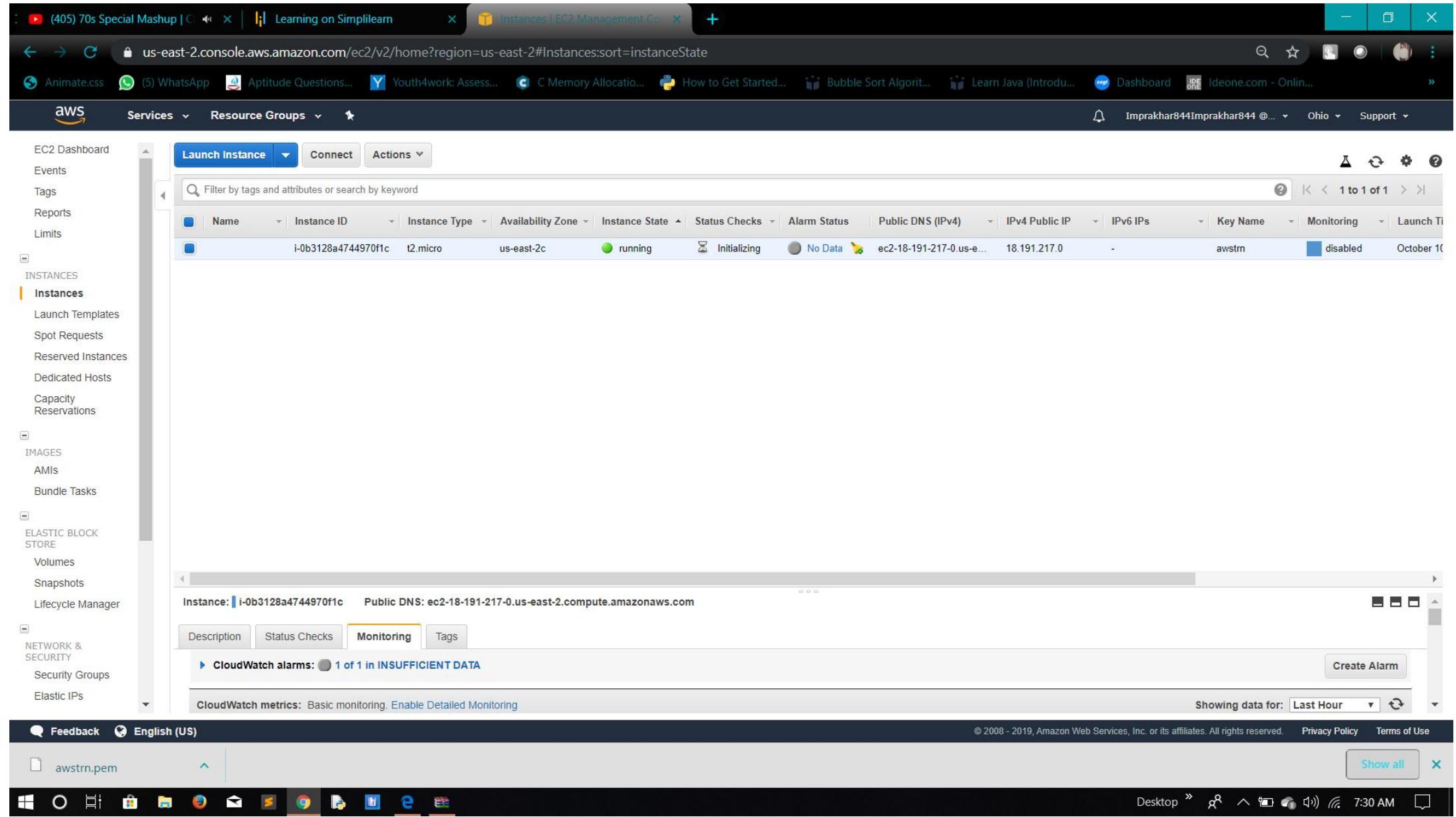
1  
0.75  
0.5  
0.25  
0  
10:10 10:10 10:10  
10:00 10:10 10:10

1  
0.75  
0.5  
0.25  
0  
10:10 10:10 10:10  
10:00 10:10 10:10

1  
0.75  
0.5  
0.25  
0  
10:10 10:10 10:10  
10:00 10:10 10:10

Cancel Create Alarm

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aws Services Resource Groups

## Welcome to Identity and Access Management

IAM users sign-in link:  
<https://974891302387.signin.aws.amazon.com/console>

IAM Resources

Users: 1	Roles: 4
Groups: 2	Identity Providers: 0
Customer Managed Policies: 0	

Security Status: 4 out of 5 complete.

- ! Activate MFA on your root account
- ✓ Create individual IAM users
- ✓ Use groups to assign permissions
- ✓ Apply an IAM password policy
- ✓ Rotate your access keys

## Feature Spotlight

Introduction to AWS IAM



0:00 / 2:16

## Additional Information

IAM best practices  
IAM documentation  
Web Identity Federation Playground  
Policy Simulator  
Videos, IAM release history and additional resources

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7:31 AM

The screenshot shows a web browser window with the AWS IAM Management Console open. The title bar displays 'IAM Management Console'. The address bar contains the URL 'console.aws.amazon.com/iam/home?region=us-east-2#/groups'. The main content area is titled 'Set Group Name' and part of the 'Create New Group Wizard'. It includes a text input field for 'Group Name' containing 'aws\_administrator', with a note below it stating 'Example: Developers or ProjectAlpha' and 'Maximum 128 characters'. Navigation links on the left include 'Step 1 : Group Name', 'Step 2 : Attach Policy', and 'Step 3 : Review'. The top navigation bar has tabs for 'Services', 'Resource Groups', and other AWS services like 'Animate.css', 'WhatsApp', 'Aptitude Questions...', 'Youth4work: Assess...', 'C Memory Allocatio...', 'How to Get Started...', 'Bubble Sort Algorit...', 'Learn Java (Introdu...', 'Dashboard', and 'Ideone.com - Onlin...'. The top right corner shows user information 'Imprakhar844' and navigation links for 'Global' and 'Support'.

## Create New Group Wizard

Step 1 : Group Name

Step 2 : Attach Policy

Step 3 : Review

### Set Group Name

Specify a group name. Group names can be edited any time.

Group Name:

aws\_administrator

Example: Developers or ProjectAlpha

Maximum 128 characters

Cancel

Next Step

The screenshot shows a Windows taskbar at the bottom of the screen. It features several pinned icons, including File Explorer, Edge browser, File Manager, Task View, Start button, Taskbar settings, and a search icon. To the right of the taskbar is a system tray with icons for battery, signal strength, volume, and the current time '7:37 AM'.

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console.aws.amazon.com/iam/home?region=us-east-2#/groups

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AWS Services Resource Groups

Create New Group Wizard

Step 1 : Group Name

Step 2 : Attach Policy

Step 3 : Review

## Attach Policy

Select one or more policies to attach. Each group can have up to 10 policies attached.

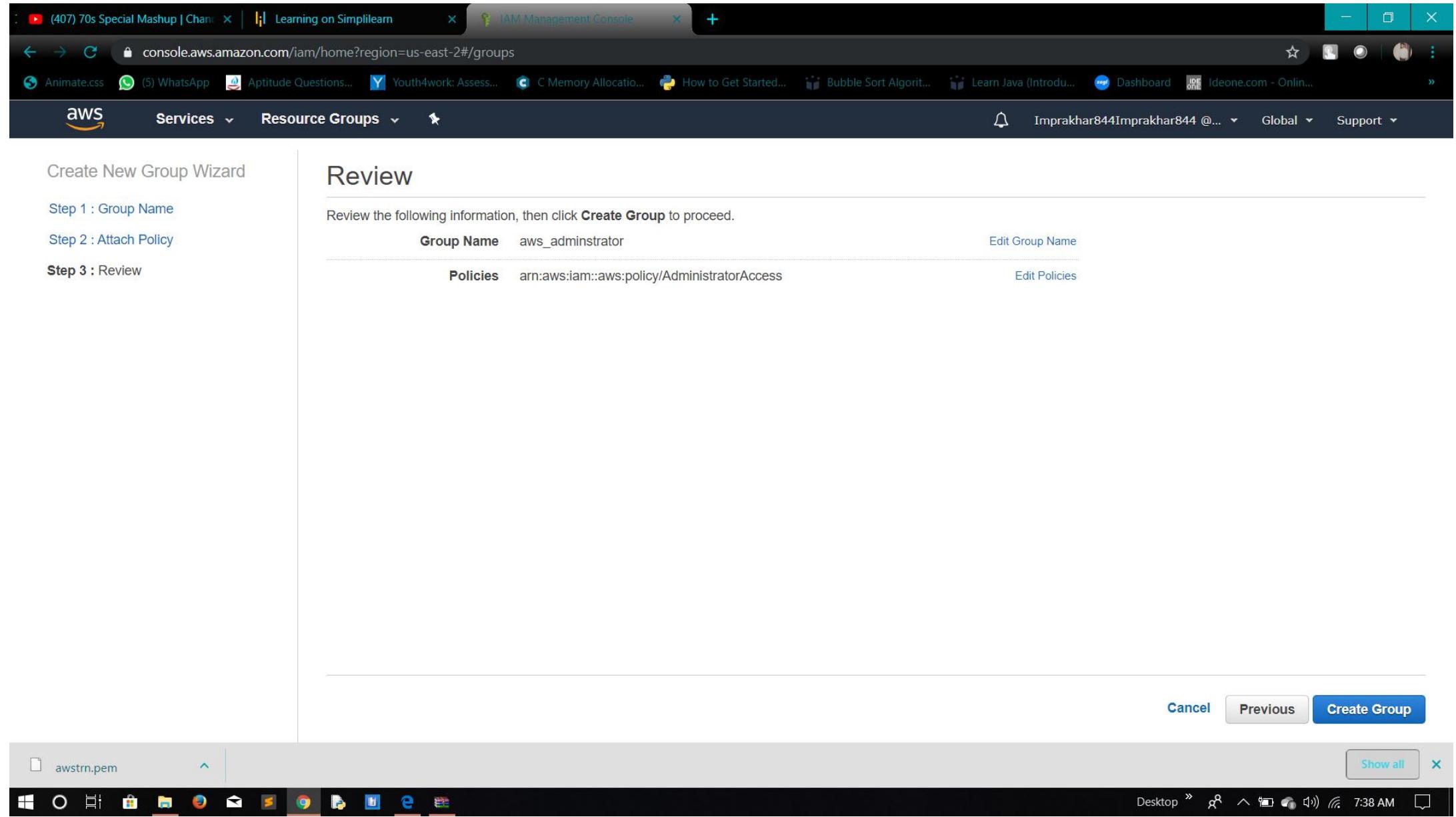
Filter: Policy Type Search Showing 467 results

	Policy Name	Attached Entities	Creation Time	Edited Time
<input checked="" type="checkbox"/>	AdministratorAccess	0	2015-02-06 10:39 PDT	2015-02-06 10:39 PDT
<input type="checkbox"/>	AlexaForBusinessDeviceSetup	0	2017-11-30 08:47 PDT	2019-05-20 14:05 PDT
<input type="checkbox"/>	AlexaForBusinessFullAccess	0	2017-11-30 08:47 PDT	2019-05-20 14:32 PDT
<input type="checkbox"/>	AlexaForBusinessGatewayExecution	0	2017-11-30 08:47 PDT	2017-11-30 08:47 PDT
<input type="checkbox"/>	AlexaForBusinessReadOnlyAccess	0	2017-11-30 08:47 PDT	2018-06-25 16:52 PDT
<input type="checkbox"/>	AmazonAPIGatewayAdministrator	0	2015-07-09 10:34 PDT	2015-07-09 10:34 PDT
<input type="checkbox"/>	AmazonAPIGatewayInvokeFullAccess	0	2015-07-09 10:36 PDT	2018-12-18 10:25 PDT
<input type="checkbox"/>	AmazonAPIGatewayPushToCloudW...	0	2015-11-11 15:41 PDT	2015-11-11 15:41 PDT
<input type="checkbox"/>	AmazonAppStreamFullAccess	0	2015-02-06 10:40 PDT	2019-08-07 12:27 PDT
<input type="checkbox"/>	AmazonAppStreamReadOnlyAccess	0	2015-02-06 10:40 PDT	2016-12-07 13:00 PDT

Cancel Previous Next Step

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console.aws.amazon.com/iam/home?region=us-east-2#/groups

AWS Services Resource Groups

Create New Group Group Actions

Search Showing 3 results

	Group Name	Users	Inline Policy	Creation Time
<input type="checkbox"/>	aws_administrator	0		2019-10-10 07:38 PDT
<input type="checkbox"/>	NL_DND_IAMprotect_nuvelinkrole	1	✓	2019-07-20 11:17 PDT
<input type="checkbox"/>	NL_DND_SimplilearnAWSB2C	1	✓	2019-07-20 11:17 PDT

Identity and Access Management (IAM)

AWS Account (974891302387)

- Dashboard
- Groups**
- Users
- Roles
- Policies
- Identity providers
- Account settings
- Credential report

Search IAM

AWS Organizations

Organization activity

Service control policies (SCPs)

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console.aws.amazon.com/iam/home?region=us-east-2#/users

Services Resource Groups Add user Delete user

Identity and Access Management (IAM)

AWS Account (974891302387)

- Dashboard
- Groups
- Users**
- Roles
- Policies
- Identity providers
- Account settings
- Credential report

Search IAM

AWS Organizations

Organization activity

Service control policies (SCPs)

Add user Delete user

Find users by username or access key Showing 1 result

User name	Groups	Access key age	Password age	Last activity	MFA
Imprakhar844	NL_DND_SimplilearnAWSB2C and NL_DND_IAMprotect_nuvelinkrole	85 days	85 days	Today	Not enabled

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Screenshot of the AWS IAM Management Console showing the 'Add user' wizard. The browser tab is 'console.aws.amazon.com/iam/home?region=us-east-2#/users\$new?step=details'. The AWS logo is in the top left, and the top navigation bar includes 'Services', 'Resource Groups', and links for notifications, user profile, and support.

## Add user

1 2 3 4 5

### Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name\* aarush

[+ Add another user](#)

### Select AWS access type

Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

Access type\*  Programmatic access

Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.

AWS Management Console access

Enables a **password** that allows users to sign-in to the AWS Management Console.

Console password\*  Autogenerated password

Custom password

\* Required

Cancel

Next: Permissions

Screenshot of the Windows taskbar and browser interface. The taskbar shows icons for File Explorer, Edge, and other applications. The browser window has tabs for 'Feedback', 'English (US)', and the AWS IAM Management Console. The status bar at the bottom shows 'Desktop', system icons, and the time '7:41 AM'.

Screenshot of the AWS IAM Management Console showing the 'Add user' wizard. The current step is 'Set permissions' (step 2). Other steps include 'Create user' (1), 'Configure MFA' (3), 'Set password' (4), and 'Review and Create' (5).

Navigation bar: Services, Resource Groups, Dashboard, Imprakhar844, Global, Support.

Address bar: console.aws.amazon.com/iam/home?region=us-east-2#/users\$new?step=permissions&login&userNames=aarush&passwordReset&passwordType=autogen

## Add user

1 2 3 4 5

### Set permissions



Add user to group



Copy permissions from existing user



Attach existing policies directly

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

### Add user to group

Create group

Refresh

Search

Showing 3 results

Group	Attached policies
<input checked="" type="checkbox"/> aws_administrator	AdministratorAccess
<input type="checkbox"/> NL_DND_IAMprotect_nuvelinkrole	IAMprotect_nuvelinkrole
<input type="checkbox"/> NL_DND_SimplilearnAWSB2C	SimplilearnAWSB2C

Cancel

Previous

Next: Tags

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console.aws.amazon.com/iam/home?region=us-east-2#/users

Services Resource Groups Add user Delete user

Identity and Access Management (IAM)

AWS Account (974891302387)

- Dashboard
- Groups
- Users**
- Roles
- Policies
- Identity providers
- Account settings
- Credential report

Search IAM

Find users by username or access key Showing 2 results

User name	Groups	Access key age	Password age	Last activity	MFA
aarush	aws_administrator	None	Today	None	Not enabled
Imprakhar844Imprakhar844	NL_DND_SimplilearnAWSB2C and NL_DND_IAMprotect_nuvelinkrole	85 days	85 days	Today	Not enabled

Feedback English (US)

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console.aws.amazon.com/iam/home?region=us-east-2#/roles

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aws Services Resource Groups Imprakhar844Imprakhar844 @... Global Support

## Identity and Access Management (IAM)

AWS Account (974891302387)

- Dashboard
- Groups
- Users
- Roles**
- Policies
- Identity providers
- Account settings
- Credential report

Search IAM

AWS Organizations

Organization activity

Service control policies (SCPs)

## Roles

### What are IAM roles?

IAM roles are a secure way to grant permissions to entities that you trust. Examples of entities include the following:

- IAM user in another account
- Application code running on an EC2 instance that needs to perform actions on AWS resources
- An AWS service that needs to act on resources in your account to provide its features
- Users from a corporate directory who use identity federation with SAML

IAM roles issue keys that are valid for short durations, making them a more secure way to grant access.

### Additional resources:

- [IAM Roles FAQ](#)
- [IAM Roles Documentation](#)
- [Tutorial: Setting Up Cross Account Access](#)
- [Common Scenarios for Roles](#)

Create role Delete role

Search Showing 4 results

https://console.aws.amazon.com/iam/home?region=us-east-2#/roles

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## Create role

1

2

3

4

### Select type of trusted entity



**AWS service**  
EC2, Lambda and others



**Another AWS account**  
Belonging to you or 3rd party



**Web identity**  
Cognito or any OpenID provider



**SAML 2.0 federation**  
Your corporate directory

Allows entities in other accounts to perform actions in this account. [Learn more](#)

### Specify accounts that can use this role

Account ID\*

974891302387



Options



Require external ID (Best practice when a third party will assume this role)



Require MFA

\* Required

Cancel

Next: Permissions

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## Create role

1 2 3 4

### ▼ Attach permissions policies

Choose one or more policies to attach to your new role.

[Create policy](#)



[Filter policies](#) ▾

Search

Showing 559 results

	Policy name	Used as	Description
<input checked="" type="checkbox"/>	AdministratorAccess	Permissions policy (1)	Provides full access to AWS services ...
<input type="checkbox"/>	AlexaForBusinessDeviceSetup	None	Provide device setup access to Alexa...
<input type="checkbox"/>	AlexaForBusinessFullAccess	None	Grants full access to AlexaForBusines...
<input type="checkbox"/>	AlexaForBusinessGatewayExecution	None	Provide gateway execution access to ...
<input type="checkbox"/>	AlexaForBusinessNetworkProfileServicePolicy	None	This policy enables Alexa for Business...
<input type="checkbox"/>	AlexaForBusinessReadOnlyAccess	None	Provide read only access to AlexaFor...

\* Required

[Cancel](#)

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## Create role

1 2 3 4

### Add tags (optional)

IAM tags are key-value pairs you can add to your role. Tags can include user information, such as an email address, or can be descriptive, such as a job title. You can use the tags to organize, track, or control access for this role. [Learn more](#)

Key	Value (optional)	Remove
<input type="text" value="Add new key"/>	<input type="text"/>	

You can add 50 more tags.

[Cancel](#) [Previous](#) [Next: Review](#)

[Feedback](#) [English \(US\)](#)

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## Create role

1 2 3 4

### Review

Provide the required information below and review this role before you create it.

**Role name\***

aws\_administrator

Use alphanumeric and '+=-,@-\_' characters. Maximum 64 characters.

**Role description**

mainly main admin

Maximum 1000 characters. Use alphanumeric and '+=-,@-\_' characters.

**Trusted entities** The account 974891302387

**Policies**



**Permissions boundary** Permissions boundary is not set

No tags were added.

\* Required

Cancel

Previous

Create role

https://console.aws.amazon.com/iam/home?region=us-east-2#

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aws Services Resource Groups

Identity and Access Management (IAM)

AWS Account (974891302387)

Dashboard Groups Users Roles Policies Identity providers Account settings Credential report

Search IAM

Create role Delete role

Search Showing 5 results

Role name	Description	Trusted entities
<input checked="" type="checkbox"/> aws_administrator	mainly main admin	Service-linked role used by AWS Organizations to enable integration of AWS services with Organizations.
<input type="checkbox"/> AWSServiceRoleForOrganizations	Service-linked role used by AWS Organizations to enable integration of other...	AWS service: support (Service-Linked role)
<input type="checkbox"/> AWSServiceRoleForSupport	Enables resource access for AWS to provide billing, administrative and supp...	AWS service: trustedadvisor (Service-Linked ...)
<input type="checkbox"/> AWSServiceRoleForTrustedAdvisor	Access for the AWS Trusted Advisor Service to help reduce cost, increase pe...	Account: 696878217980
<input type="checkbox"/> nl-admin-dont-del		

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console.aws.amazon.com/iam/home?region=us-east-2#/groups

AWS Services Resource Groups

Create New Group Group Actions

Search Showing 3 results

	Group Name	Users	Inline Policy	Creation Time
<input checked="" type="checkbox"/>	aws_administrator	1		2019-10-10 07:38 PDT
<input type="checkbox"/>	NL_DND_IAMprotect_nuvelinkrole	1	✓	2019-07-20 11:17 PDT
<input type="checkbox"/>	NL_DND_SimplilearnAWSB2C	1	✓	2019-07-20 11:17 PDT

Identity and Access Management (IAM)

AWS Account (974891302387)

Groups

Users

Roles

Policies

Identity providers

Account settings

Credential report

Search IAM

AWS Organizations

Organization activity

Service control policies (SCPs)

Feedback English (US)

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console.aws.amazon.com/iam/home?region=us-east-2#/groups/aws\_administrator

Services Resource Groups

Identity and Access Management (IAM)

AWS Account (974891302387)

Groups

Users

Roles

Policies

Identity providers

Account settings

Credential report

Search IAM

AWS Organizations

Organization activity

Service control policies (SCPs)

IAM > Groups > aws\_administrator

Summary

Group ARN: arn:aws:iam::974891302387:group/aws\_administrator

Users (in this group): 1

Path: /

Creation Time: 2019-10-10 07:38 PDT

Users Permissions Access Advisor

This view shows all users in this group: 1 User

Remove Users from Group Add Users to Group

User	Actions
aarush	Remove User from Group