Welcome to Amazon Web Services,

You can get started by accessing the AWS Management Console, launching an Amazon EC2 Instance, or exploring popular software optimized for Amazon EC2 on AWS Marketplace. For the next 12 months, you will have free access to compute, storage, database, and application services. Learn more by visiting our Free Tier page.

Getting Started Resources
Step-by-Step Instructions on How to Deploy Your Application
Quick Start Tutorials for Developers
Tool Downloads
Billing Alerts

Account Management & Credentials
If you interact with AWS programmatically using the SDKs, Command Line Interface (CLI), or APIs, you must provide access keys to verify who you are and whether you have permission to access the resources you're requesting. To manage your account's access keys, go to the Security Credentials page in the AWS Management Console. If you want to allow other users to access resources in your account, use the Identity and Access Management (IAM) console to create credentials and assign permissions to each user.

AWS Management Console

AWS services

▼ Recently visited services

Billing

▶ All services

Build a solution

Get started with simple wizards and automated workflows.

Launch a virtual machine
With EC2
2-3 minutes

Build a web app
With Elastic Beanstalk
6 minutes

Build using virtual servers
With Lightsail
1-2 minutes

Stay connected to your AWS resources on-the-go

AWS Console Mobile App now supports four additional regions. Download the AWS Console Mobile App to your iOS or Android mobile device. Learn more

Explore AWS

Free Digital Training

Get access to 500+ self-paced online courses covering AWS products and services.
Learn more

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Extract text and understand the sentiment across millions of documents. Learn more

Create role | Delete role

Search

Role name	Trusted entities
AWSServiceRoleForAmazonEKS	**AWS service:** eks (Service-Lin
AWSServiceRoleForSupport	**AWS service:** support (Service
AWSServiceRoleForTrustedAdvisor	**AWS service:** trustedadvisor (S
USTPracticeSreyas	**AWS service:** eks

Use this page to manage the credentials for your AWS account. To manage credentials for AWS Identity and Access Management (IAM) users, use the IAM Console .

To learn more about the types of AWS credentials and how they're used, see AWS Security Credentials in AWS General Reference.

▲ Password

▲ Multi-factor authentication (MFA)

▼ Access keys (access key ID and secret access key)

Use access

l calls. You can have a maximum of tw

or inactive) .

For your pro

tation.

If you lose

active. Learn more

Crea	Last Used Service	Status

Create N

Root us

ecommend creating a new IAM user wi

permissions and generating access keys for that user instead. Learn more

Create Access Key

Your access key (access key ID and secret access key) has been created successfully.

Download your key file now, which contains your new access key ID and secret access key. If you do not download the key file now, you will not be able to retrieve your secret access key again.

To help protect your security, store your secret access key securely and do not share it.

▼ Hide Access Key

Access Key ID: AKIA2HGPF37UEZRMMUO5

Secret Access Key: zF1ENRP4RmmHwMnAWKrJ8TdrneA0aD8wdts0110w

Download Key File | Close

Use this page to manage the credentials for your AWS account. To manage credentials for AWS Identity and Access Management (IAM) users, use the IAM Console.

To learn more about the types of AWS credentials and how they're used, see AWS Security Credentials in AWS General Reference.

▲ Password

▲ Multi-factor authentication (MFA)

▼ Access keys (access key ID and secret access key)

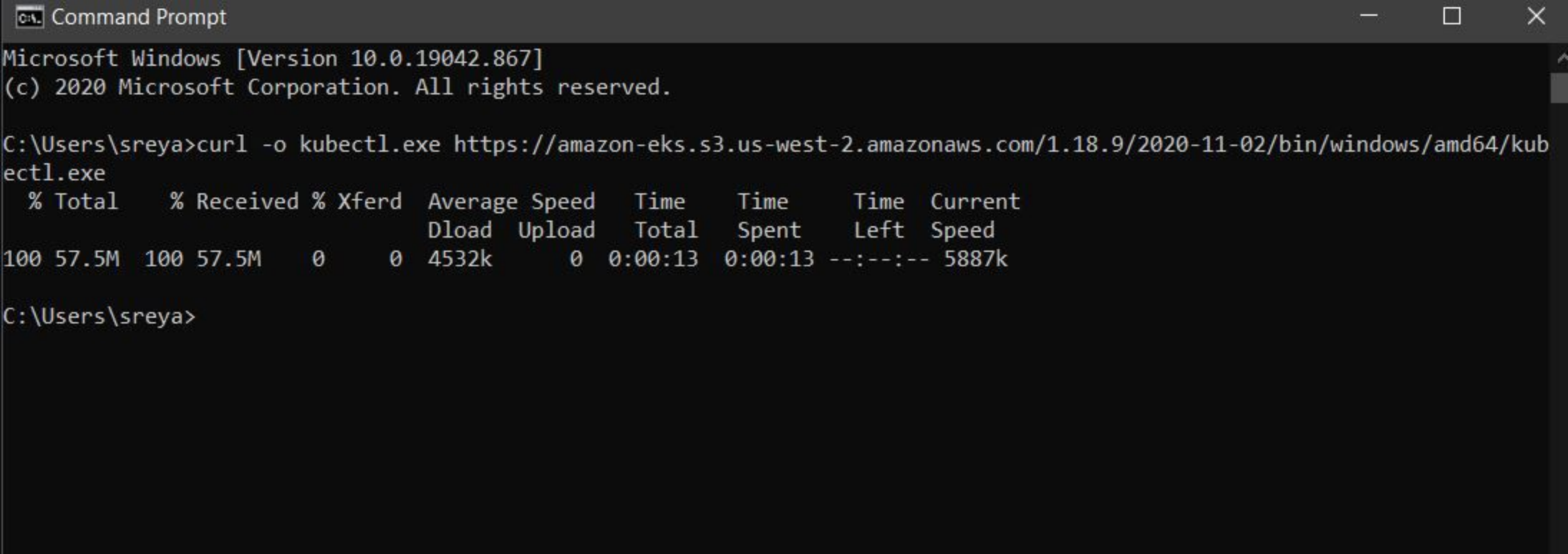
Use access keys to make programmatic calls to AWS from the AWS CLI, Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a maximum of two access keys (active or inactive) at a time.

For your protection, you should never share your secret keys with anyone. As a best practice, we recommend frequent key rotation.
If you lose or forget your secret key, you cannot retrieve it. Instead, create a new access key and make the old key inactive. Learn more

Created	Access Key ID	Last Used	Last Used Region	Last Used Service	Status	Actions
Mar 19th 2021	AKIA2HGPF37UEZRMMUO5	N/A	N/A	N/A	Active	Make Inactive | Delete

Create New Access Key

Root user access keys provide unrestricted access to your entire AWS account. If you need long-term access keys, we recommend creating a new IAM user with limited permissions and generating access keys for that user instead. Learn more


Command Prompt
Microsoft Windows [Version 10.0.19042.867]
(c) 2020 Microsoft Corporation. All rights reserved.
C:\Users\sreya>curl -o kubectl.exe https://amazon-eks.s3.us-west-2.amazonaws.com/1.18.9/2020-11-02/bin/windows/amd64/kubectl.exe
% Total % Received % Xferd Average Speed Time Time Time Current
Dload Upload Total Spent Left Speed
100 57.5M 100 57.5M 0 0 4532k 0 0:00:13 0:00:13 --:--:-- 5887k
C:\Users\sreya>

USTDemoClusterSreyas

Active | Delete cluster

A new Kubernetes version is available for this cluster. Learn more | Update now

A new version is available for the AWS VPC CNI add-on. | Update now

Overview | Workloads | Configuration

Cluster configuration Info

Kubernetes version Info
1.18

Platform version Info
eks.4

```
C:\WINDOWS\system32>aws --version
aws-cli/2.1.29 Python/3.8.8 Windows/10 exe/AMD64 prompt/off

C:\WINDOWS\system32>aws configure
AWS Access Key ID [****************MUO5]: AKIA2HGPF37UEZRMMUO5
AWS Secret Access Key [****************110w]: 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
Default region name [us-east-2]: us-east-2
Default output format [None]:

C:\WINDOWS\system32>aws eks --region us-east-2 update-kubeconfig --name USTDemoClusterSreyas
Added new context arn:aws:eks:us-east-2:702661648360:cluster/USTDemoClusterSreyas to C:\Users\sreya\.kube\config

C:\WINDOWS\system32>kubectl get svc
NAME         TYPE        CLUSTER-IP   EXTERNAL-IP   PORT(S)   AGE
kubernetes   ClusterIP   10.100.0.1   <none>        443/TCP   44m

C:\WINDOWS\system32>aws eks --region us-east-2 describe-cluster --name USTDemoClusterSreyas --query cluster.status
```

Details | Compute | Networking | Add-ons | Authentication | Logging | Update history | Tags

Node Groups (0) Info

Edit | Delete | Add Node Group

Group name	Desired size	AMI release version	Launch template	Status

No Node Groups

This cluster does not have any Node Groups.

Nodes that are not part of an Amazon EKS Managed Node Group are not shown in the AWS console.

Add Node Group

Fargate Profiles (0) Info

Edit | Delete | Add Fargate Profile

Profile name	Namespaces	Status

No Fargate Profiles

This cluster does not have any Fargate Profiles.

Add Fargate Profile

```
C:\WINDOWS\system32>aws configure
AWS Access Key ID [****************MUO5]: AKIA2HGPF37UEZRMMUO5
AWS Secret Access Key [****************110w]: 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
Default region name [us-east-2]:
Default output format [JSON]: json

C:\WINDOWS\system32>aws eks --region us-east-2 describe-cluster --name USTDemoClusterSreyas --query cluster.status
"ACTIVE"
```

USTDemoGroupSreyas

Edit | Delete

Node Group configuration Info

Kubernetes version 1.18	AMI type Info AL2_x86_64	Status Creating
AMI release version Info 1.18.9-20210310	Instance types t3.medium	Disk size 20 GiB

Details | Health issues 0 | Kubernetes labels | Update history | Tags

Details

Node Group ARN

arn:aws:eks:us-east-2:702661648360:nodegroup/USTDemoClusterSreyas/USTDemoGroupSreyas/94bc252e-16fc-56bc-22a4-8321727421bc

Creation time

Mar 19th 2021 at 5:30 PM

Autoscaling group name

Node IAM Role ARN

arn:aws:iam::702661648360:role/GroupRoleSreyas1

Capacity type

On-Demand

Minimum size

2 nodes

Maximum size

2 nodes

Subnets

subnet-141b4f58

subnet-5d14f920

subnet-a874c3c3

Allow remote access to nodes

Enabled

```
C:\WINDOWS\system32>kubectl get nodes --watch
NAME                                          STATUS     ROLES    AGE   VERSION
ip-172-31-36-88.us-east-2.compute.internal   NotReady   <none>   0s    v1.18.9-eks-d1db3c
ip-172-31-36-88.us-east-2.compute.internal   NotReady   <none>   0s    v1.18.9-eks-d1db3c
ip-172-31-36-88.us-east-2.compute.internal   NotReady   <none>   1s    v1.18.9-eks-d1db3c
ip-172-31-36-88.us-east-2.compute.internal   NotReady   <none>   10s   v1.18.9-eks-d1db3c
ip-172-31-10-66.us-east-2.compute.internal   NotReady   <none>   0s    v1.18.9-eks-d1db3c
ip-172-31-10-66.us-east-2.compute.internal   NotReady   <none>   0s    v1.18.9-eks-d1db3c
ip-172-31-10-66.us-east-2.compute.internal   NotReady   <none>   0s    v1.18.9-eks-d1db3c
ip-172-31-36-88.us-east-2.compute.internal   Ready      <none>   20s   v1.18.9-eks-d1db3c
ip-172-31-36-88.us-east-2.compute.internal   Ready      <none>   20s   v1.18.9-eks-d1db3c
ip-172-31-36-88.us-east-2.compute.internal   Ready      <none>   30s   v1.18.9-eks-d1db3c
ip-172-31-10-66.us-east-2.compute.internal   Ready      <none>   20s   v1.18.9-eks-d1db3c
ip-172-31-10-66.us-east-2.compute.internal   Ready      <none>   20s   v1.18.9-eks-d1db3c
ip-172-31-10-66.us-east-2.compute.internal   Ready      <none>   30s   v1.18.9-eks-d1db3c

C:\WINDOWS\system32>
```