AWS Tools

AWS Management Console

AWS CLI

AWS Boto3

AWS Management Console

The easy way to access AWS services

AWS Management Console Features

Secure, web-based access

Browser and mobile app support

Easy access to all AWS services

Access to documentation and learning materials

Manage and monitor your account

Customize and organize your resources

Access to AWS Marketplace – digital catalogue of software from 3rd parties

ca-central-1.console.aws.amazon.com/console/home?region=ca-central-1#

aws Services Resource Groups Deborah Stacey Central Support

AWS Management Console

AWS services

Find Services
You can enter names, keywords or acronyms.

Example: Relational Database Service, database, RDS

Recently visited services

- IAM
- S3
- Billing
- EC2
- Key Management Service

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

Register a domain

Connect an IoT device

Start migrating to AWS

Stay connected to your AWS resources on-the-go

Download the AWS Console Mobile App to your iOS or Android mobile device.
Learn more

Explore AWS

Amazon Redshift

Fast, simple, cost-effective data warehouse that can extend queries to your data lake. Learn more

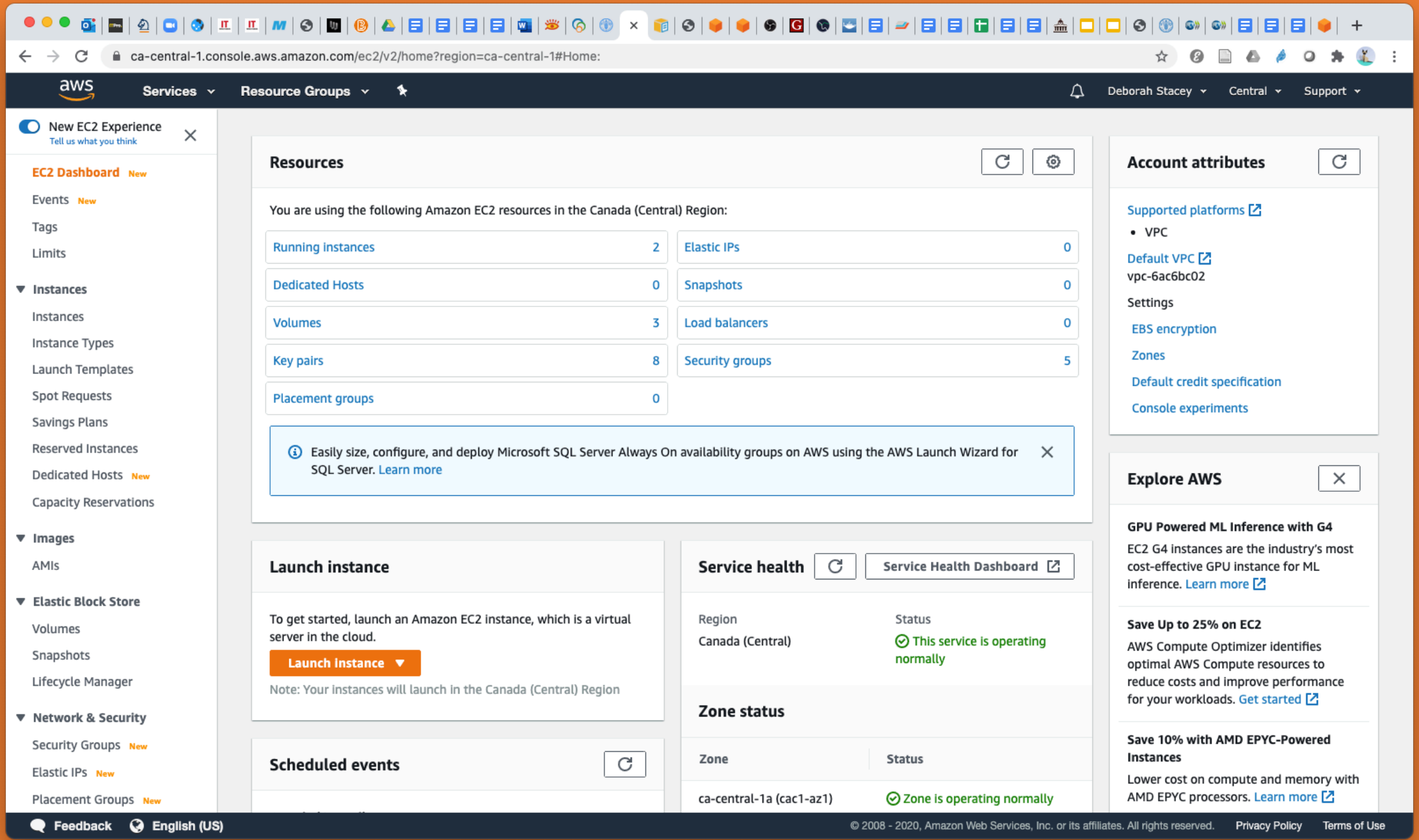
Run Serverless Containers with AWS Fargate

AWS Fargate runs and scales your containers without having to manage servers or clusters.
Learn more

Scalable, Durable, Secure Backup & Restore with Amazon S3

Discover how customers are building backup & restore solutions on AWS that save money.
Learn more

AWS Marketplace


ca-central-1.console.aws.amazon.com/ec2/v2/home?region=ca-central-1#Home:
aws
Services
Resource Groups
Deborah Stacey
Central
Support
New EC2 Experience
Tell us what you think
EC2 Dashboard New
Events New
Tags
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Capacity Reservations
Images
AMIs
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups New
Elastic IPs New
Placement Groups New
Resources
You are using the following Amazon EC2 resources in the Canada (Central) Region:
Running instances 2
Elastic IPs 0
Dedicated Hosts 0
Snapshots 0
Volumes 3
Load balancers 0
Key pairs 8
Security groups 5
Placement groups 0
Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. Learn more
Launch instance
To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.
Launch Instance
Note: Your instances will launch in the Canada (Central) Region
Scheduled events
Service health
Service Health Dashboard
Region
Canada (Central)
Status
This service is operating normally
Zone status
Zone
Status
ca-central-1a (cac1-az1)
Zone is operating normally
Account attributes
Supported platforms
VPC
Default VPC
vpc-6ac6bc02
Settings
EBS encryption
Zones
Default credit specification
Console experiments
Explore AWS
GPU Powered ML Inference with G4
EC2 G4 instances are the industry's most cost-effective GPU instance for ML inference. Learn more
Save Up to 25% on EC2
AWS Compute Optimizer identifies optimal AWS Compute resources to reduce costs and improve performance for your workloads. Get started
Save 10% with AMD EPYC-Powered Instances
Lower cost on compute and memory with AMD EPYC processors. Learn more
Feedback
English (US)
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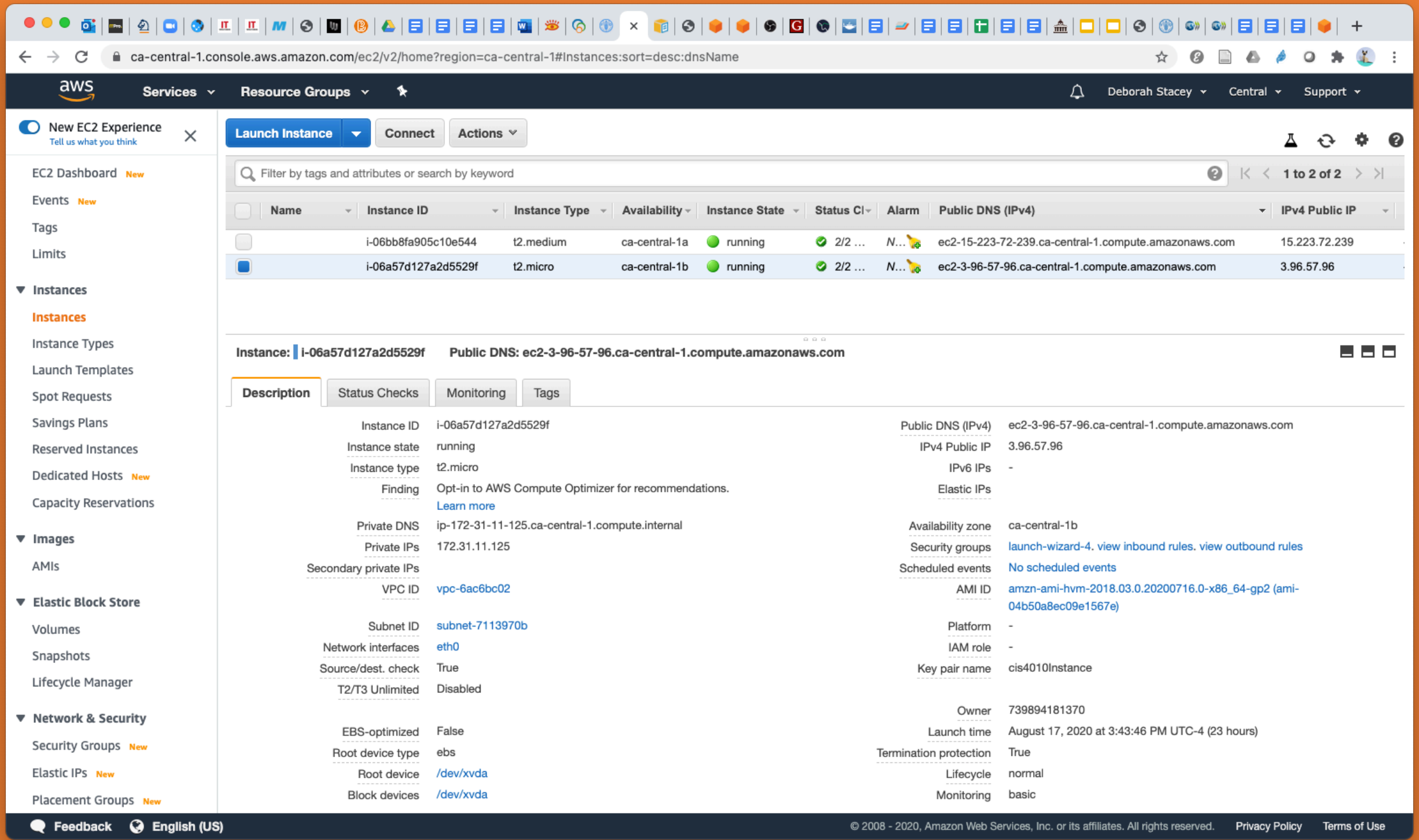
ca-central-1.console.aws.amazon.com/ec2/v2/home?region=ca-central-1#Instances:sort=desc:dnsName
aws
Services
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Deborah Stacey
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Dedicated Hosts New
Capacity Reservations
Images
AMIs
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups New
Elastic IPs New
Placement Groups New
Launch Instance
Connect
Actions
Filter by tags and attributes or search by keyword
1 to 2 of 2
Name
Instance ID
Instance Type
Availability
Instance State
Status Cl
Alarm
Public DNS (IPv4)
IPv4 Public IP
i-06bb8fa905c10e544 t2.medium ca-central-1a running 2/2 ... N... ec2-15-223-72-239.ca-central-1.compute.amazonaws.com 15.223.72.239
i-06a57d127a2d5529f t2.micro ca-central-1b running 2/2 ... N... ec2-3-96-57-96.ca-central-1.compute.amazonaws.com 3.96.57.96
Instance: i-06a57d127a2d5529f Public DNS: ec2-3-96-57-96.ca-central-1.compute.amazonaws.com
Description
Status Checks
Monitoring
Tags
Instance ID i-06a57d127a2d5529f
Instance state running
Instance type t2.micro
Finding Opt-in to AWS Compute Optimizer for recommendations.
Learn more
Private DNS ip-172-31-11-125.ca-central-1.compute.internal
Private IPs 172.31.11.125
Secondary private IPs
VPC ID vpc-6ac6bc02
Subnet ID subnet-7113970b
Network interfaces eth0
Source/dest. check True
T2/T3 Unlimited Disabled
EBS-optimized False
Root device type ebs
Root device /dev/xvda
Block devices /dev/xvda
Public DNS (IPv4) ec2-3-96-57-96.ca-central-1.compute.amazonaws.com
IPv4 Public IP 3.96.57.96
IPv6 IPs -
Elastic IPs
Availability zone ca-central-1b
Security groups launch-wizard-4. view inbound rules. view outbound rules
Scheduled events No scheduled events
AMI ID amzn-ami-hvm-2018.03.0.20200716.0-x86_64-gp2 (ami-04b50a8ec09e1567e)
Platform -
IAM role -
Key pair name cis4010Instance
Owner 739894181370
Launch time August 17, 2020 at 3:43:46 PM UTC-4 (23 hours)
Termination protection True
Lifecycle normal
Monitoring basic
Feedback
English (US)
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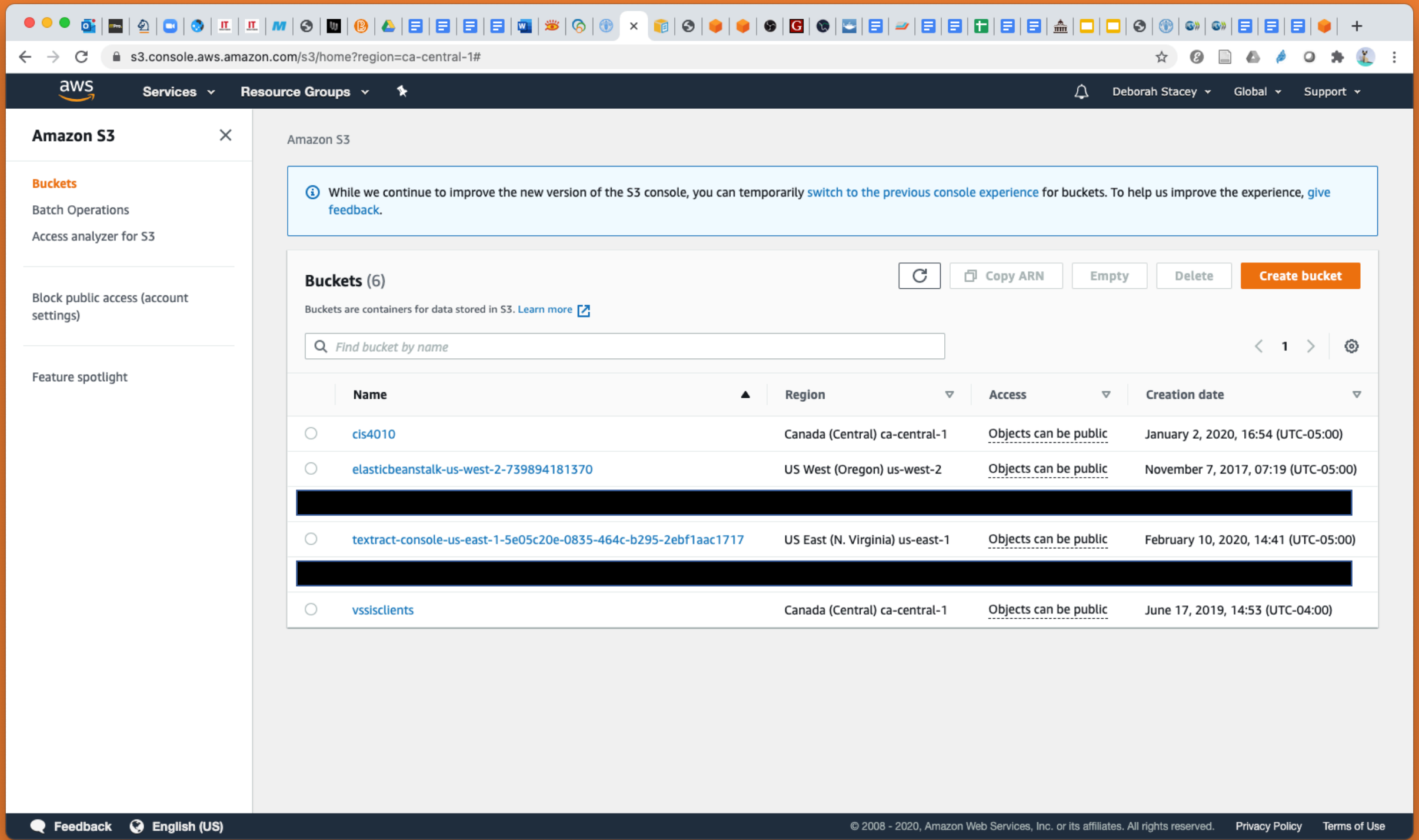
s3.console.aws.amazon.com/s3/home?region=ca-central-1#
aws
Services
Resource Groups
Deborah Stacey
Global
Support
Amazon S3
Buckets
Batch Operations
Access analyzer for S3
Block public access (account settings)
Feature spotlight
Amazon S3
While we continue to improve the new version of the S3 console, you can temporarily switch to the previous console experience for buckets. To help us improve the experience, give feedback.
Buckets (6)
Copy ARN
Empty
Delete
Create bucket
Buckets are containers for data stored in S3. Learn more
Find bucket by name
1
Name
Region
Access
Creation date
cis4010
Canada (Central) ca-central-1
Objects can be public
January 2, 2020, 16:54 (UTC-05:00)
elasticbeanstalk-us-west-2-739894181370
US West (Oregon) us-west-2
Objects can be public
November 7, 2017, 07:19 (UTC-05:00)
[redacted]
textract-console-us-east-1-5e05c20e-0835-464c-b295-2ebf1aac1717
US East (N. Virginia) us-east-1
Objects can be public
February 10, 2020, 14:41 (UTC-05:00)
[redacted]
vssisclients
Canada (Central) ca-central-1
Objects can be public
June 17, 2019, 14:53 (UTC-04:00)
Feedback
English (US)
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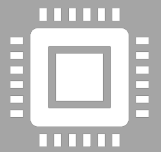
AWS Command Line Interface (AWS CLI)

docs.aws.amazon.com/cli/latest/userguide/install-cliv2.html

AWS CLI

The AWS Command Line Interface (AWS CLI) enables you to interact with AWS services using commands in your command-line shell.



AWS CLI enables you to run commands that implement functionality equivalent to that provided by the browser-based AWS Management Console.

Installing the AWS CLI version 2

PDF | Kindle | RSS

This section provides links to information about how to install version 2 of the AWS Command Line Interface (AWS CLI) on the supported operating systems. For information on the latest releases of AWS CLI version 2, see the AWS CLI version 2 change notes on GitHub.

For information about how to install AWS CLI version 1, see Installing the AWS CLI version 1.

Topics

- Using the official AWS CLI version 2 Docker image
- Installing the AWS CLI version 2 on Linux
- Installing the AWS CLI version 2 on macOS
- Installing the AWS CLI version 2 on Windows
- Additional Documentation and Resources

Additional Documentation and Resources

In addition to this guide, the following are valuable online resources for the AWS CLI.

- AWS CLI version 2 reference guide
- AWS CLI GitHub Repository You can view—and fork—the source code for the AWS CLI on GitHub in the aws-cli repository. Join the community of users on GitHub to provide feedback, request features, and submit your own contributions!
- AWS CLI version 2 change notes

Did this page help you?

Yes No

Provide feedback

Previous topic: Installing the AWS CLI
Next topic: Docker

Need help?

AWS CLI

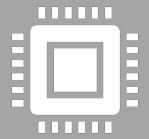
- Guides to CLI:
  - https://aws.amazon.com/cli/
  - https://docs.aws.amazon.com/cli/latest/userguide/cli-chap-welcome.html
- Installing CLI:
  - https://docs.aws.amazon.com/cli/latest/userguide/cli-chap-install.html
  - **Note**: install AWS CLI version 2

AWS Python SDK: Boto3

boto3.amazonaws.com/v1/documentation/api/latest/guide/quickstart.html

AWS Python SDK: Boto3

The AWS Python SDK enables Python developers to create, configure, and manage AWS services, such as EC2 and S3.



Boto3 provides an easy to use, object-oriented API, as well as low-level access to AWS services.

AWS Python SDK: Boto3

- Installing Boto3
  - https://aws.amazon.com/sdk-for-python/
- Boto3 Guides and Documentation
  - https://boto3.amazonaws.com/v1/documentation/api/latest/guide/quickstart.html
  - https://boto3.amazonaws.com/v1/documentation/api/latest/index.html

Search...

Quickstart

Getting started with Boto3 is easy, but requires a few steps.

Installation

Install the latest Boto3 release via **pip**:

```
pip install boto3
```

You may also install a specific version:

```
pip install boto3==1.0.0
```

> **Note**
> The latest development version can always be found on GitHub.

> **Note**
> For best results, please ensure your version of Python is up-to-date. For more information on how to get the latest version of Python, please refer to the official Python documentation.

Configuration

Before you can begin using Boto3, you should set up authentication credentials. Credentials for your AWS account can be found in the IAM Console. You can create or use an existing user. Go to manage access keys and generate a new set of keys.

If you have the AWS CLI installed, then you can use it to configure your credentials file:

boto3.amazonaws.com/v1/documentation/api/latest/guide/quickstart.html