AWS S3 CLI Demo

Install AWS CLI

AWS Cli will allow you to run AWS commands, inside your command prompt or terminal.

https://docs.aws.amazon.com/cli/latest/userguide/cli-chap-install.html

Run AWS Configure

This command will accept your Access Key and Secret Access Key as input, to communicate with AWS services

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aws configure --profile amin

List all buckets

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aws s3 ls

Create a new bucket

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aws s3 mb s3://<Bucket Name> --region us-west-1

Upload a file to S3 bucket

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aws s3 cp <filename> s3://<Bucket Name>

Remove an S3 bucket

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aws s3 rb s3://<Bucket Name>

Start an AWS EC2 instance

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aws ec2 start-instances --instance-id <InstanceID> --output json

Example: aws ec2 start-instances --instance-id i-0bf371990899e8473 --output json

Stop an AWS EC2 instance

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aws ec2 stop-instances --instance-id <InstanceID> --output json

Example: aws ec2 stop-instances --instance-id i-0bf371990899e8473 --output json

View configuration of all EC2 instances in the region

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aws ec2 describe-instances

Limit results using –query option

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aws ec2 describe-instances --query Reservations[].Instances[].Tags

aws ec2 describe-instances --query Reservations[].Instances[].InstanceId

aws ec2 describe-instances --query Reservations[].Instances[].State.Name

Limiting results using –filter option

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aws ec2 describe-instances --filter "Name=platform,Values=windows"

Combining --query and --filter

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aws ec2 describe-instances --filter "Name=platform,Values=windows" --query Reservations[].Instances[].InstanceId

Using dry run to check permission

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aws ec2 describe-instances --filter "Name=platform,Values=windows" --query Reservations[].Instances[].InstanceId --dry-run

Using the table output option

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aws ec2 describe-instances --filter "Name=platform,Values=windows"

aws ec2 describe-instances --filter "Name=platform,Values=windows" --output table

aws ec2 describe-instances --filter "Name=platform,Values=windows" --output text