

AWS Cheat Sheet

Installation

See <https://docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html>

For autocompletion see <https://docs.aws.amazon.com/cli/latest/userguide/cli-configure-completion.html>.

Global flags

Flag	Description
--profile <name>	Run a command using the specified profile
--output <style>	Format output as (json/text/table/yaml)
--help	Show help
--endpoint-url <url>	Override default API endpoint
--region	Override default region
--version	Show version of AWS CLI

Configuration

Command	Description
aws configure	Configure AWS
aws configure sso	Configure AWS IAM Identity Center credentials
aws configure list	Show current configuration data
aws configure set <key> <value>	Set a configuration value
aws configure get <key>	Show a configuration value

Profiles

Command	Description
aws configure --profile <name>	Create a new profile
aws configure list-profiles	Show available profiles

Account information

Command	Description
aws sts get-caller-identity	Retrieve account information

Identity and Access Management (IAM)

Command	Description
aws iam list-users	List users
aws iam list-groups	List groups
aws iam list-roles	List roles
aws iam list-policies	List policies
aws iam create-user --user-name <name>	Create a user
aws iam create-group --group-name <name>	Create a group
aws iam create-role --role-name <name> --assume-role-policy-document <policy>	Create a role
aws iam create-policy --policy-name <name> --policy-document <policy>	Create a policy

Elastic Compute Cloud (EC2)

Command	Description
aws ec2 describe-instances	List instances
aws ec2 run-instances --image-id <id> --instance-type <type>	Create an instance
aws ec2 terminate-instances --instance-ids <id>	Terminate an instance
aws ec2 start-instances --instance-ids <id>	Start an instance
aws ec2 stop-instances --instance-ids <id>	Stop an instance

Elastic Kubernetes Service (EKS)

Command	Description
aws eks list-clusters	List clusters
aws eks describe-cluster --name <name>	Describe a cluster
aws eks create-cluster --name <name>	Create a cluster
aws eks delete-cluster --name <name>	Delete a cluster

Relational Database Service (RDS)

Command	Description
aws rds describe-db-clusters	List clusters
aws rds describe-db-instances	List instances
aws rds create-db-cluster-snapshot	Create a snapshot of a cluster

Simple Storage Service (S3)

Command	Description
aws s3 ls	List buckets
aws s3 ls s3://<bucket>	List objects in a bucket
aws s3 mb s3://<bucket>	Create a bucket
aws s3 rb s3://<bucket>	Delete a bucket
aws s3 cp <src> <dest>	Copy a file from/to S3
aws s3 rm s3://<bucket>/<object>	Delete an object
aws s3 sync s3://bucket <dir>	Sync a bucket to a local directory
aws s3 sync <dir> s3://bucket	Sync a local directory to an S3 bucket

Other commands

Command	Description
aws --version	Show version
aws help	Show help including all available commands
aws <command> help	Show help for a specific command