

# 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