

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

## Configuration

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

## Profiles

Command	Description
<code>aws configure --profile &lt;name&gt;</code>	Create a new profile
<code>aws configure list-profiles</code>	Show available profiles

## Account information

Command	Description
<code>aws sts get-caller-identity</code>	Retrieve account information

## Identity and Access Management (IAM)

Command	Description
<code>aws iam list-users</code>	List users
<code>aws iam list-groups</code>	List groups
<code>aws iam list-roles</code>	List roles
<code>aws iam list-policies</code>	List policies
<code>aws iam create-user --user-name &lt;name&gt;</code>	Create a user
<code>aws iam create-group --group-name &lt;name&gt;</code>	Create a group
<code>aws iam create-role --role-name &lt;name&gt; --assume-role-policy-document &lt;policy&gt;</code>	Create a role
<code>aws iam create-policy --policy-name &lt;name&gt; --policy-document &lt;policy&gt;</code>	Create a policy

## Elastic Compute Cloud (EC2)

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

## Elastic Kubernetes Service (EKS)

Command	Description
<code>aws eks list-clusters</code>	List clusters
<code>aws eks describe-cluster --name &lt;name&gt;</code>	Describe a cluster
<code>aws eks create-cluster --name &lt;name&gt;</code>	Create a cluster
<code>aws eks delete-cluster --name &lt;name&gt;</code>	Delete a cluster

## Relational Database Service (RDS)

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

## Simple Storage Service (S3)

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

## Other commands

Command	Description
<code>aws --version</code>	Show version
<code>aws help</code>	Show help including all available commands
<code>aws &lt;command&gt; help</code>	Show help for a specific command