



# AWS Command Line Interface



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## Today's Takeaways

- ▶ AWS Command Line Interface (AWSCLI)

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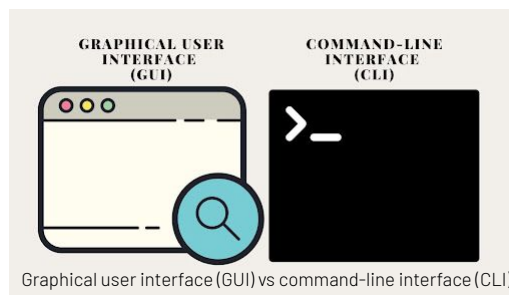
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# AWS Command Line Interface (AWSCLI)



## What Is a Command-Line Interface?

- Command line is an interface we use to interact with the computer operating system using the keyboard. With a command-line interface, you can enter text commands to navigate, run programs or configure your computer system. All operating systems, including Windows, Linux and macOS, provide a CLI in addition to the graphical user interface (GUI).
- The command-line interface (CLI) accepts commands by entering text on a keyboard. Different CLIs have different syntaxes, but they can all essentially perform the same operations.





# AWS Command Line Interface (AWSCLI)

## What is the AWS Command Line Interface?

- The AWS Command Line Interface (AWS CLI) is a unified tool to manage your AWS services. With just one tool to download and configure, you can control multiple AWS services from the command line and automate them through scripts
- The AWS Command Line Interface (AWS CLI) is an open source tool that enables you to interact with AWS services using commands in your command-line shell
- With minimal configuration, the AWS CLI enables you to start running commands that implement functionality equivalent to that provided by the browser-based AWS Management Console from the command prompt in your terminal program



# AWS Command Line Interface (AWSCLI)

## What is the AWS Command Line Interface?

Although most AWS services can be managed through the AWS Management Console or via the APIs, there is a third way that can be very useful: the Command Line Interface (AWS CLI).

AWS has made it possible for Linux, MacOS, and Windows users to manage the main AWS services from a local terminal sessions command line.

- **Linux shells** – Use common shell programs such as bash, zsh, and tcsh to run commands in Linux or macOS.
- **Windows command line** – On Windows, run commands at the Windows command prompt or in PowerShell.
- **Remotely** – Run commands on Amazon Elastic Compute Cloud (Amazon EC2) instances through a remote terminal program such as PuTTY or SSH, or with AWS Systems Manager.

### Uses of AWS CLI

Listed below are a few reasons which are compelling enough to get you started with AWS Command Line Interface.

- Easy Installation
- Automates Processes
- Supports all Amazon Web Services



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## What is the AWS Command Line Interface?

- All IaaS (infrastructure as a service) AWS administration, management, and access functions in the AWS Management Console are available in the AWS API and AWS CLI.
- New AWS IaaS features and services provide full AWS Management Console functionality through the API and CLI at launch or within 180 days of launch.
- The AWS CLI provides direct access to the public APIs of AWS services. You can explore a service's capabilities with the AWS CLI, and develop shell scripts to manage your resources.



# Snapshot

## Let's get our hands dirty!

- AWSCLI Commands
- Generate IAM Credentials



# THANKS!

## Any questions?

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