



Overview of Ways to Connect to AWS

- AWS Management Console (Web access)
- AWS Command line Interface using AWS-Shell
- Cloud9
- AWS Direct Connect
- Software Development Kit (SDK)
 - For Java script, PHP, Python, NodeJs, Ruby
 - For Android mobile and iOS, React and Unity

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AWS CLI and AWless

- **AWS CLI** is a tool to manage your **AWS** services from a terminal session on your own client. It uses SSL connection to connect to AWS Services. Here is the instruction on how to install AWS CLI
<https://cloudacademy.com/blog/how-to-use-aws-cli/>
- **AWless** is a powerful, innovative and small surface command line interface (CLI) to manage Amazon Web Services. Available from GitHub <https://github.com/wallix/awless>

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Introduction to Cloud9

- AWS Cloud9 is a cloud based IDE that lets you to code, build, run, test, debug, and release software in the cloud. It includes a code editor, debugger, and terminal
- Essential tools for programming languages like PHP, Python and JavaScript
- Provides serverless application development and you can switch between local and remote app
- Share development environment with your team and pair programming
- It is a free service
- You can also run AWS CLI and AWS from Cloud9

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Script to show your services and settings in AWS

- Create a cloud9 environment (automatically create an ec2 instance)
 - Install AWS CLI (pip install awscli -user -upgrage)
 - Type aws and see if it works
 - Install awless using curl
`https://raw.githubusercontent.com/wallix/awless/master/getawless.sh | bash`
 - Echo \$PATH
- To put awless in path
- mkdir ~/bin
 - mv awless ~/bin
 - Open scan-trial.sh and run it
 - Shows all configuration and available services in the console.

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1. Playing with AWS CLI

- Create a bucket and upload a file there
 - `aws s3 mb s3://armi2`
 - `aws s3 ls`
 - `aws s3 cp scan_trial.sh s3://armi2`
 - `aws s3 ls s3://armi2`