

AWS Cloud9

AWS Cloud9 - History

- Founded in 2010, and based in San Francisco and Amsterdam, Cloud9 IDE was a privately held company.
- Cloud9 is an Online IDE , published as open source from version 2.0, until version 3.0.
- It supports multiple programming languages, including C, C++, PHP, Ruby, Perl, Python, JavaScript with Node.js, and Go.
- It is written almost entirely in JavaScript, and uses Node.js on the back-end.
- Cloud9 was acquired by Amazon in July 2016 and became a part of Amazon Web Services (AWS).

AWS Cloud9 - Introduction

- AWS Cloud9 is a cloud-based integrated development environment (IDE) that lets you write, run, and debug your code with just a browser.
- It includes a code editor, debugger, and terminal.
- Cloud9 comes prepackaged with essential tools for popular programming languages, including
 - JavaScript
 - Python
 - PHP and more, so you don't need to install files or configure your development machine to start new projects.
- Cloud9 also integrates with AWS CodeStar, providing you the tools you need to successfully deploy applications to AWS.

AWS Cloud9 - Benefits

- **CODE WITH JUST A BROWSER:** AWS Cloud9 gives you the flexibility that you can write, run, and debug applications with just a browser, without needing to install or maintain a local IDE.
- **CODE TOGETHER IN REAL TIME:** AWS Cloud9 makes collaborating on code easy. You can share your development environment with your team and your team members can see each other type in real time, and instantly chat with one another from within the IDE.

AWS Cloud9 - Benefits

- **BUILD SERVERLESS APPLICATIONS WITH EASE:** AWS Cloud9 makes it easy to write, run, and debug serverless applications. Cloud9 also provides an environment for locally testing and debugging AWS Lambda functions.
- **START NEW PROJECTS QUICKLY:** AWS Cloud9 makes it easy for you to start new projects. Cloud9's development environment comes prepackaged with tooling for over 40 programming languages, including Node.js, JavaScript, Python, PHP, Ruby, Go, and C++.

AWS Cloud9 - Pricing

- You only pay for what you use, as you use it; there are no minimum fees and no upfront commitments.
- You are charged the normal AWS rates for any AWS resources (e.g., AWS Lambda functions) that you create or use within your AWS Cloud9 development environment.