



Cloud9

A dark grey arrow points to the right from the top left corner. Below it, several thin, curved lines in shades of blue and grey sweep across the left side of the slide.

AWS Cloud9

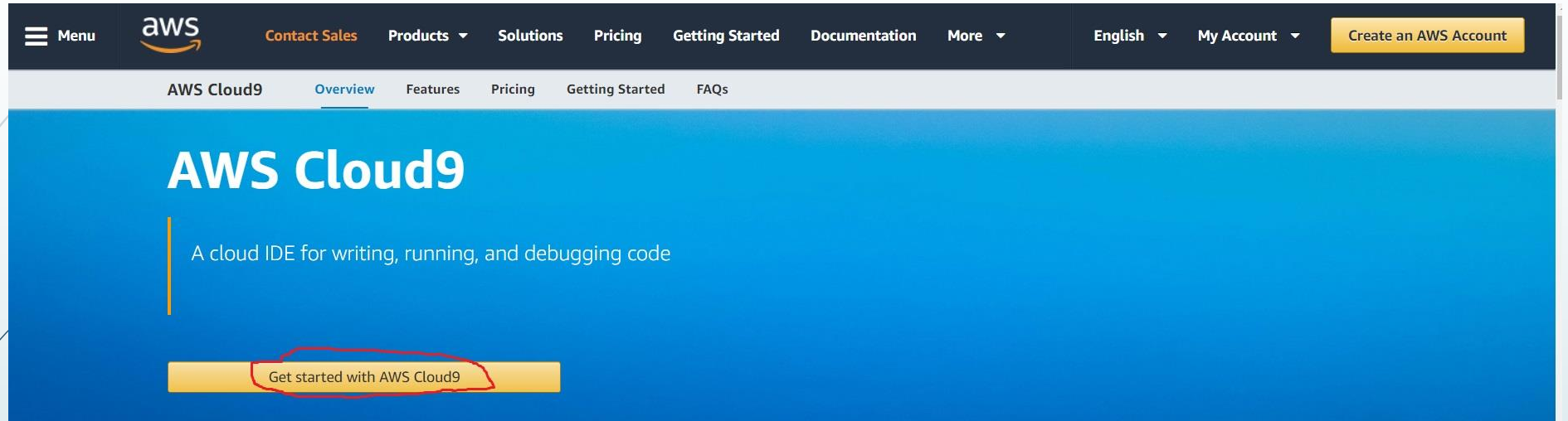
- ▶ Is a cloud-based integrated development environment (IDE) that lets you write, run, and debug your code with just a browser.
- ▶ It includes a code editor, debugger, and terminal. Cloud9 comes prepackaged with essential tools for popular programming languages, including JavaScript, Python, PHP, and more, so you don't need to install files or configure your development machine to start new projects. Since your Cloud9 IDE is cloud-based, you can work on your projects from your office, home, or anywhere using an internet-connected machine.



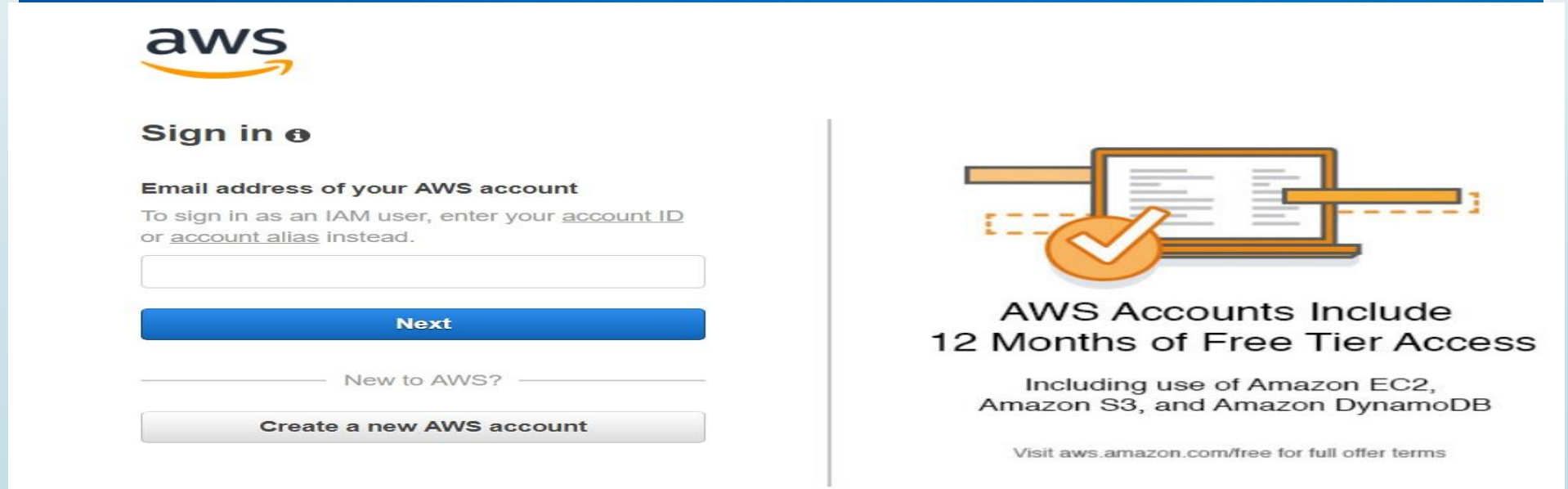
AWS Cloud9

- ▶ Cloud9 also provides a seamless experience for developing serverless applications enabling you to easily define resources, debug, and switch between local and remote execution of serverless applications.
- ▶ With Cloud9, you can quickly share your development environment with your team, enabling you to pair program and track each other's inputs in real time.

Cloud9 had been acquired by Amazon in July 2016. As of March 2018, existing accounts on Cloud9's original website may be used, but new accounts may not be created. Cloud9 is now a part of Amazon Web Services (AWS), and as such, you must use an AWS account to use Cloud9.



The screenshot shows the AWS Cloud9 landing page. At the top, there is a navigation bar with the AWS logo, a menu icon, and links for Contact Sales, Products, Solutions, Pricing, Getting Started, Documentation, and More. On the right side of the navigation bar, there are links for English, My Account, and a yellow button labeled 'Create an AWS Account'. Below the navigation bar, there is a sub-navigation bar with links for AWS Cloud9, Overview, Features, Pricing, Getting Started, and FAQs. The main content area has a blue background with the heading 'AWS Cloud9' and the sub-heading 'A cloud IDE for writing, running, and debugging code'. A yellow button labeled 'Get started with AWS Cloud9' is highlighted with a red circle.



The screenshot shows the AWS sign-in page. At the top, there is the AWS logo. Below the logo, there is a 'Sign in' section with a 'Sign in' button. Underneath, there is a text input field for the 'Email address of your AWS account'. Below the input field, there is a blue button labeled 'Next'. Below the 'Next' button, there is a link for 'New to AWS?'. At the bottom of the sign-in section, there is a button labeled 'Create a new AWS account'. To the right of the sign-in section, there is a graphic of a laptop with a checkmark and a document, with the text 'AWS Accounts Include 12 Months of Free Tier Access'. Below the graphic, there is text that reads 'Including use of Amazon EC2, Amazon S3, and Amazon DynamoDB'. At the bottom of the graphic, there is a link to 'Visit aws.amazon.com/free for full offer terms'.



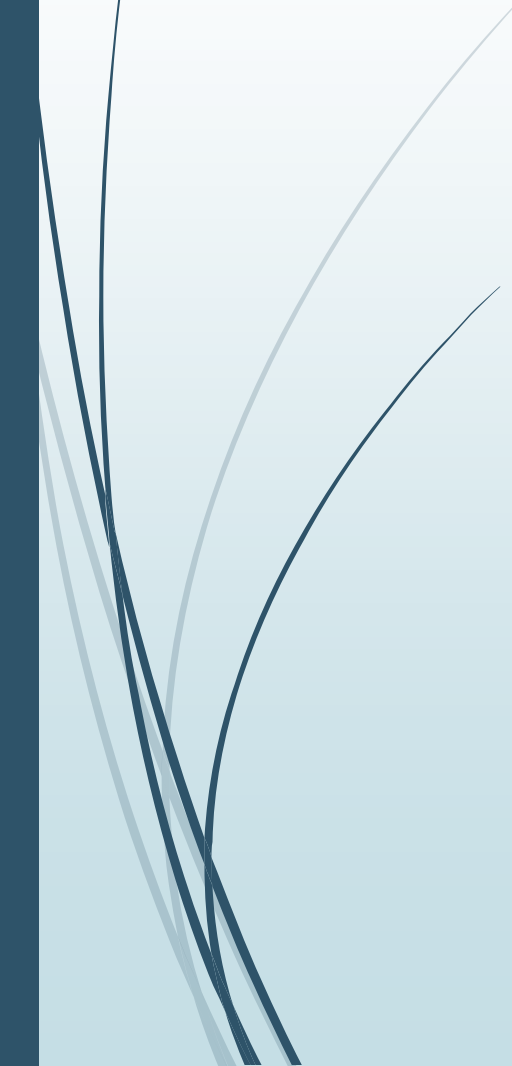
Benefits

► CODE WITH JUST A BROWSER

AWS Cloud9 gives you the flexibility to run your development environment on a managed Amazon EC2 instance or any existing Linux server that supports SSH. This means that you can write, run, and debug applications with just a browser, without needing to install or maintain a local IDE. The Cloud9 code editor and integrated debugger include helpful, time-saving features such as code hinting, code completion, and step-through debugging. The Cloud9 terminal provides a browser-based shell experience enabling you to install additional software, do a git push, or enter commands.

► CODE TOGETHER IN REAL TIME

AWS Cloud9 makes collaborating on code easy. You can share your development environment with your team in just a few clicks and pair program together. While collaborating, your team members can see each other type in real time, and instantly chat with one another from within the IDE.



ROB

```
90 };
91
92 const handlers = {
93   'LaunchRequest': function () {
94     this.emit('GetFact');
95   },
96   'GetNewFactIntent': function () {
97     this.emit('GetFact');
98   },
99
100
101 },
102 'GetFact': function () {
103   // Get a random space fact from the space facts list
104   // Use this.t() to get corresponding language data
105   const factArr = this.t('FACTS');
106   const factIndex = Math.floor(Math.random() * factArr.length);
107   const randomFact = factArr[factIndex];
108
109   // Create speech output
110   const speechOutput = this.t('GET_FACT_MESSAGE') + randomFact;
111   this.emit(':tellWithCard', speechOutput, this.t('SKILL_NAME'));
112 },
113 'AMAZON.HelpIntent': function () {
114   const speechOutput = this.t('HELP_MESSAGE');
115   const reprompt = this.t('HELP_MESSAGE');
116   this.emit(':ask', speechOutput, reprompt);
117 },
```



AARON



CLAIRE



Benefits

► BUILD SERVERLESS APPLICATIONS WITH EASE

AWS Cloud9 makes it easy to write, run, and debug serverless applications. It preconfigures the development environment with all the SDKs, libraries, and plug-ins needed for serverless development. Cloud9 also provides an environment for locally testing and debugging AWS Lambda functions. This allows you to iterate on your code directly, saving you time and improving the quality of your code.

► 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++. This enables you to start writing code for popular application stacks within minutes by eliminating the need to install or configure files, SDKs, and plug-ins for your development machine. Because Cloud9 is cloud-based, you can easily maintain multiple development environments to isolate your project's resources.

