

# Coding in AWS Cloud9 IDE

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USING AWS CLOUD9



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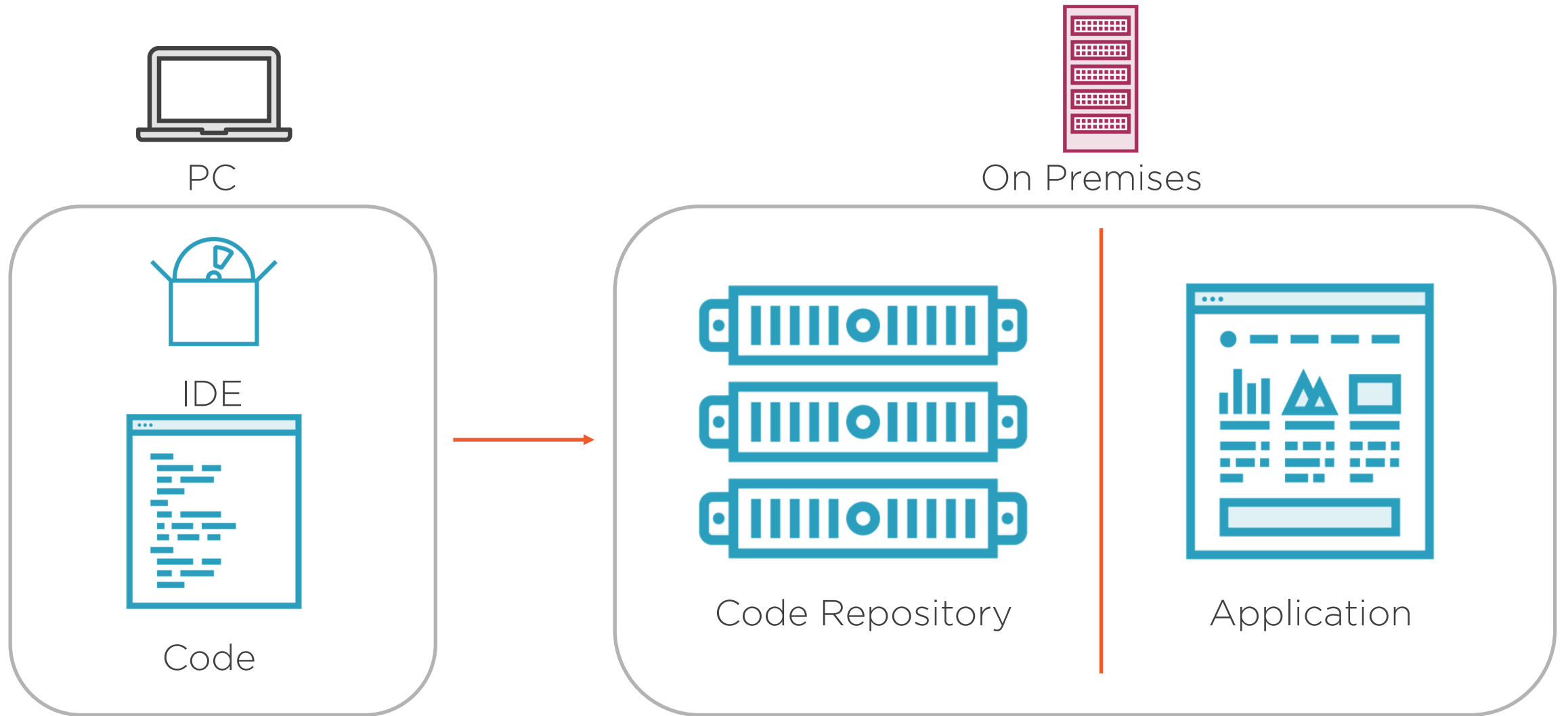


# AWS Cloud9

A cloud based integrated development environment (IDE) that allows users to write, run, and debug code



# Evolution of Cloud Computing



# On Premises Applications



Databases



Security



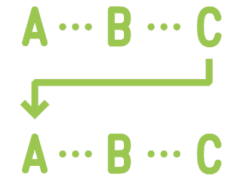
Object Storage



User Administration



Logging

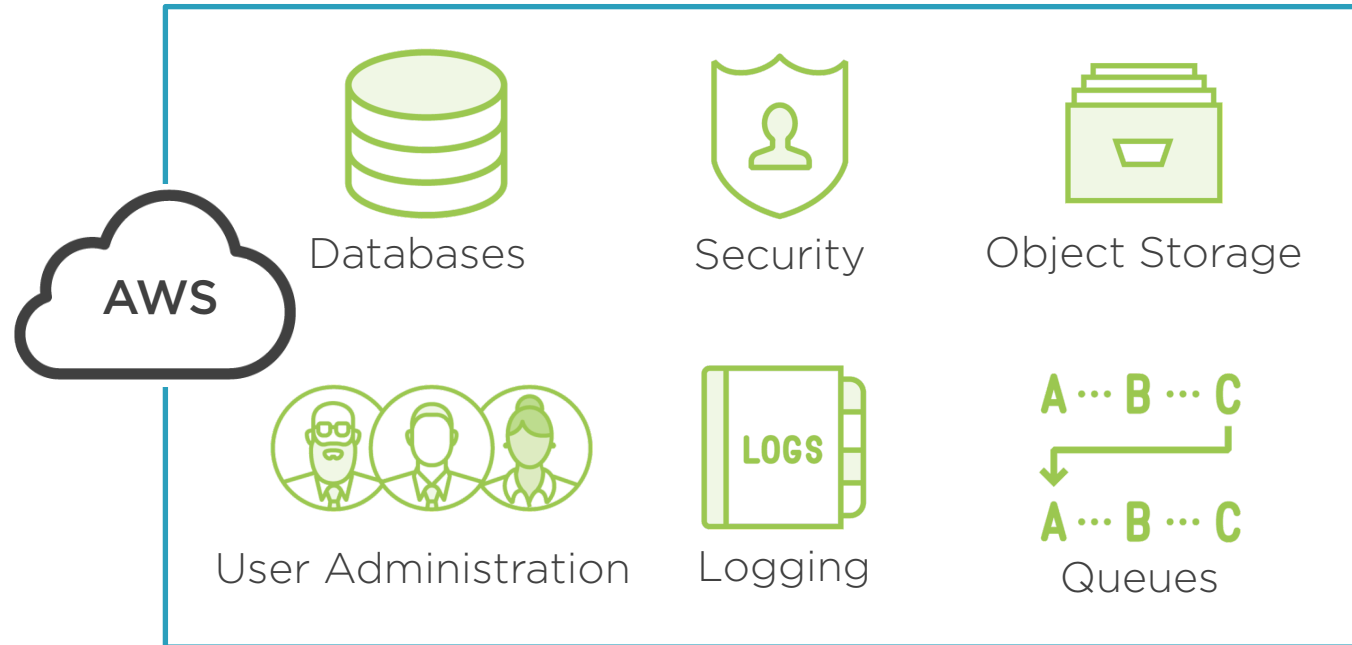


Queues

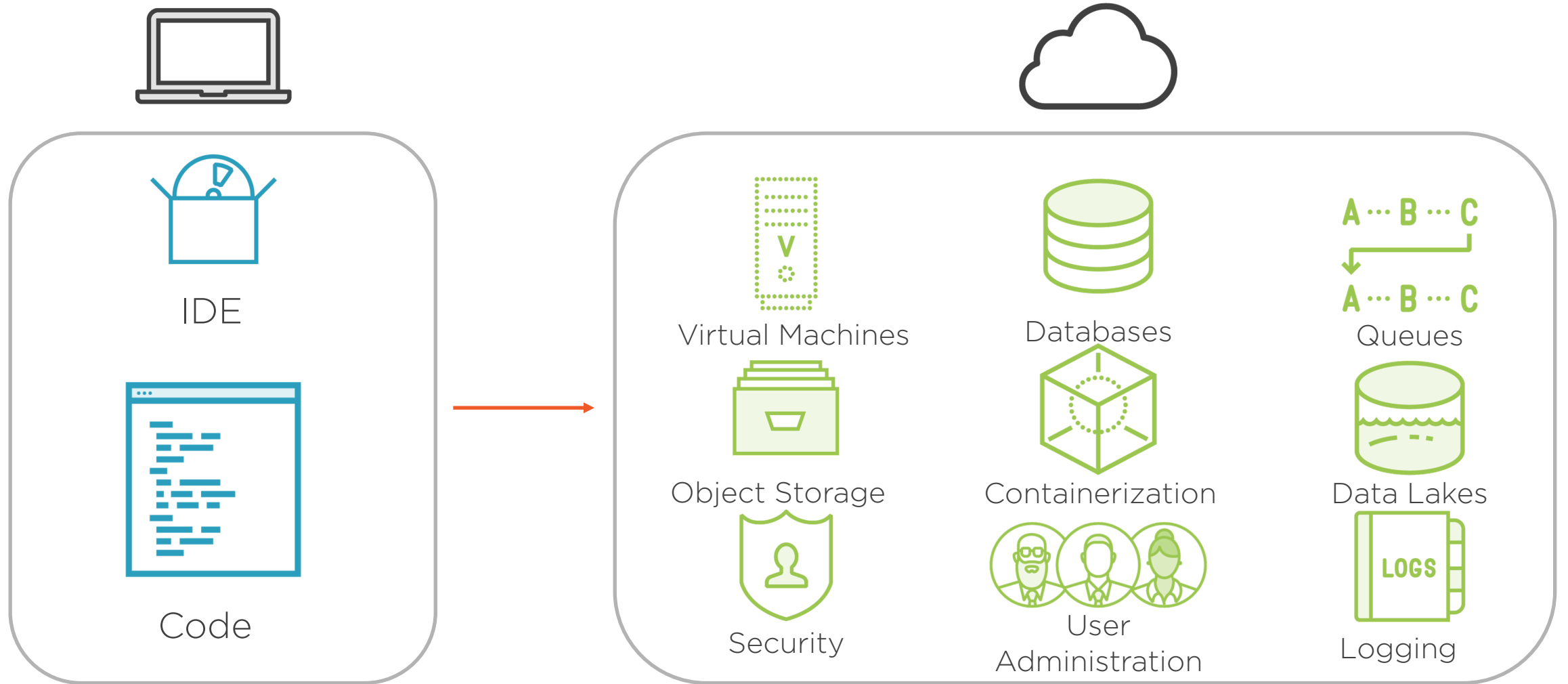
## Datacenter



# The Cloud – Centralized Infrastructure



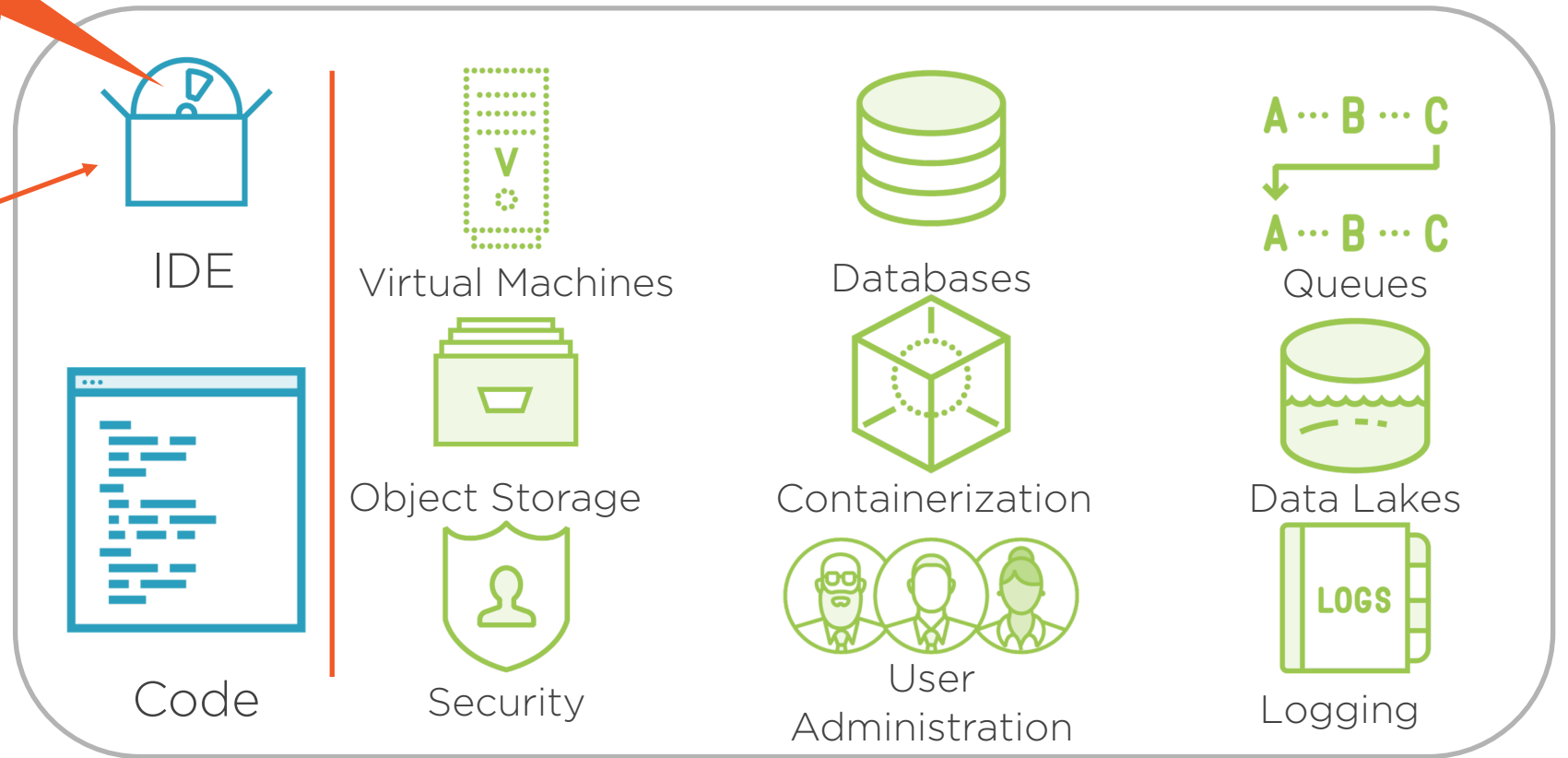
# Cloud Computing



# Cloud Computing



Cloud9



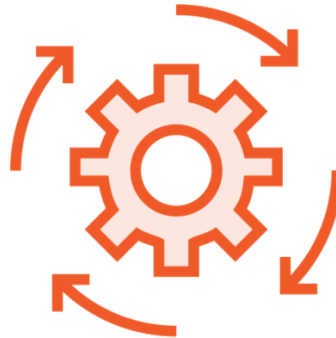
# AWS Cloud 9

Cloud-based integrated development environment (IDE) for writing, running, and debugging code.



## Write

Code hinting and code completion



## Run

Prepacked execution ability for popular programming languages



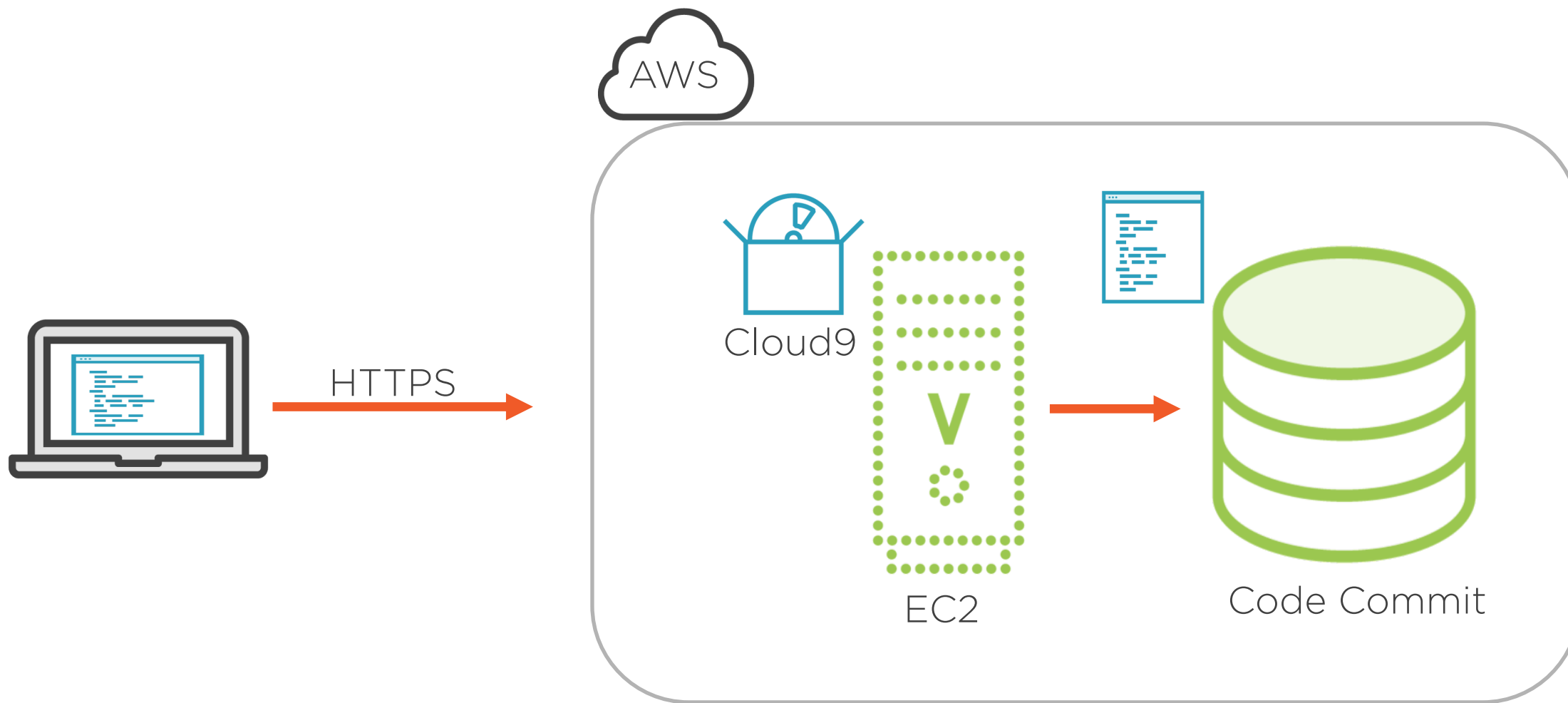
## Debug

Integrated debugger that enables step-through debugging





# How Cloud 9 Works



# Creating a Cloud9 Environment

## Requirements



AWS User



Instance (EC2 or SSH connection)



Cloud9 IAM Role

## Cloud9 Environments:

- Name & description
- Auto-hibernate
- Custom configurations



# Demo



Create a Cloud9 environment

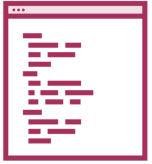
Orient ourselves with the Cloud9 IDE



# Cloud9 “Hello World”



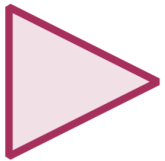
Create a new file



Write code (JavaScript) to create a variable and output “Hello world!” to the console



Setting breakpoints to debug code



Create a run configuration and execute



# Demo



## "Hello World" in AWS Cloud9

