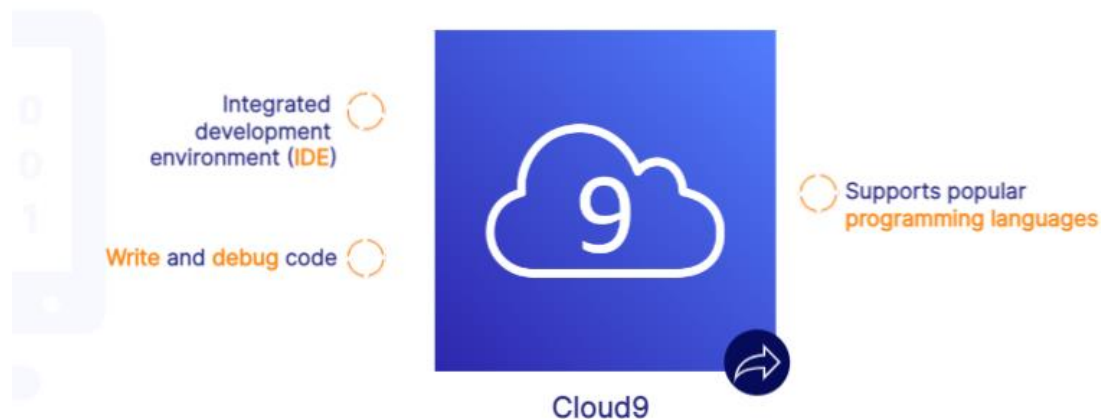


Developer Tools:

- Software developers use tools to accelerate the software development and release cycle.

Cloud9

Cloud9 allows you to write code within an integrated development environment (IDE) from within your web browser.



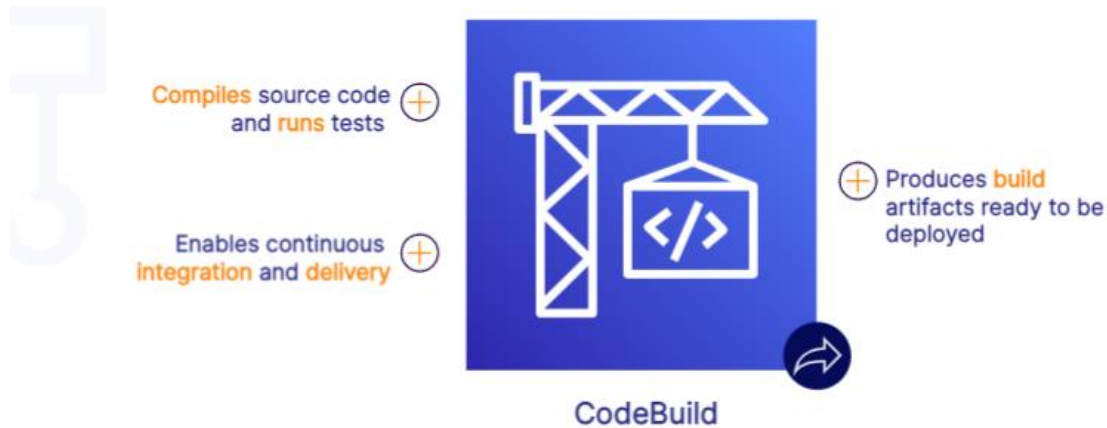
CodeCommit

CodeCommit is a source control system for private Git repositories.



CodeBuild

CodeBuild allows you to build and test your application source code.



CodeDeploy

CodeDeploy manages the deployment of code to compute services in the cloud or on-premises.



CodePipeline

CodePipeline automates the software release process.



X-Ray

X-Ray helps you debug production applications.





Things to Remember When Studying for the Exam



CodeCommit

Don't forget CodeCommit offers a service similar to GitHub that works with Git repositories.



Cloud9

Don't forget Cloud9 offers an integrated development environment (IDE) that runs inside a web browser.



CodeDeploy

Remember that CodeDeploy allows you to deploy an application to servers running on-premises and in the cloud.

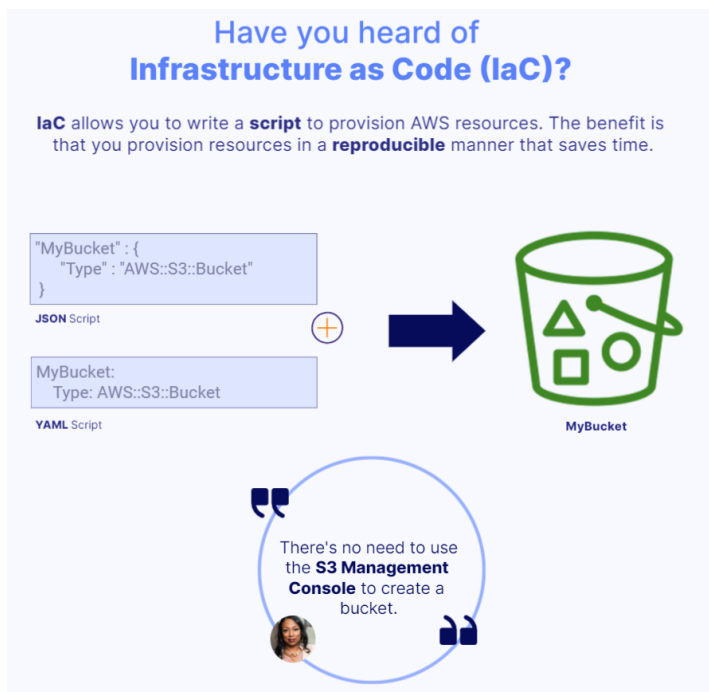


CodePipeline

Don't forget CodePipeline allows you to implement a CI/CD pipeline.

Deployment and infrastructure management services:

- These services help you quickly stand up new applications, automate the management of infrastructure, and provide real-time visibility into system health.



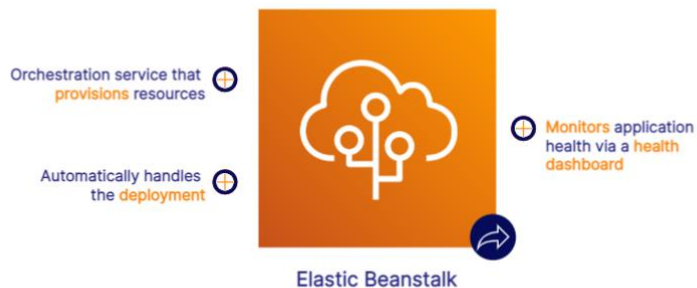
CloudFormation

CloudFormation allows you to provision AWS resources using Infrastructure as Code (**IaC**).



Elastic Beanstalk

Elastic Beanstalk allows you to deploy your web applications and web services to **AWS**.



OpsWorks

OpsWorks allows you to use **Chef** or **Puppet** to automate the configuration of your servers and deploy code.



Things to Remember when Studying for the Exam



CloudFormation

Don't forget CloudFormation supports infrastructure automation using Infrastructure as Code (IaC).



Elastic Beanstalk

Don't forget Elastic Beanstalk is only used to deploy applications to the AWS Cloud — it is not used to deploy applications on-premises.



OpsWorks

Remember that OpsWorks can deploy applications on-premises, and it also automates infrastructure management using Chef or Puppet.

