

# **AWS Cloud Practitioner Notes**

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# Preface

This is a Quarto book.

To learn more about Quarto books visit <https://quarto.org/docs/books>.

# 1 Let's start with why?

Preparing for the AWS Cloud Practitioner certification is an excellent step for anyone in tech, including data scientists and software engineers. Here's why it's beneficial, and a bit about AWS and the certification itself:

## 1.0.1 Why Take the AWS Cloud Practitioner Certification?

1. **Foundational Knowledge:** The certification provides a comprehensive understanding of cloud concepts and AWS services, making it ideal for professionals looking to gain or solidify their cloud knowledge.
2. **Industry Recognition:** AWS certifications are highly recognized in the industry, enhancing your credibility and showcasing your cloud expertise to employers.
3. **Versatility:** Learning about AWS services can benefit various roles, from developers and data scientists to administrators and managers, as cloud computing is integral to many tech operations.
4. **Career Advancement:** It can open up new career opportunities, particularly in companies that use or are migrating to the cloud. The certification can also potentially lead to better job positions and higher salaries.

## 1.0.2 What is AWS?

AWS (Amazon Web Services) is the world's most comprehensive and broadly adopted cloud platform. It offers over 200 fully featured services from data centers globally. AWS provides infrastructure and application services that enable running virtually everything in the cloud, from hosting applications and websites to big data projects and mobile app development.

## 1.0.3 What is the Cloud Practitioner Certification?

The AWS Certified Cloud Practitioner is an entry-level certification designed to validate an individual's overall understanding of the AWS Cloud. It assesses the following areas:

- The basic global infrastructure of the cloud
- Key services on the AWS platform and their common use cases

- Basic security and compliance aspects of the AWS platform and the shared security model
- Billing, account management, and pricing models
- Identifying sources of documentation or technical assistance (such as whitepapers or support tickets)

This certification is geared towards individuals who have basic knowledge of the AWS platform, including anyone in managerial, technical, sales, purchasing, or financial roles who work with the AWS Cloud. It's designed to provide a detailed overview and it's often recommended as the first certification one should take when starting their AWS certification journey.

This foundational knowledge sets the stage for more specialized certifications, such as AWS Solutions Architect, Developer, or SysOps Administrator, making it a valuable starting point for anyone looking to deepen their understanding of cloud technologies.

## 2 Summary

In summary, this book has no content whatsoever.