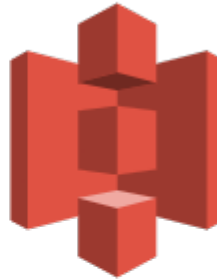


AWS - the course

- Introduction
 - About this book
- Getting started with the account - IAM
- Basic storage - S3
 - Lifecycle policies
 - S3 Versioning
- Basic computing - EC2
 - EC2 Instances
 - What is an AMI?
 - Preconfiguring instances with user data
 - EC2 data storage options
 - EC2 Instance types
 - EC2 pricing
 - EC2 Cost optimization strategies
- Introduction of the databases - RDS
- Networking in AWS
- Security
- Serverless
- Automation
 - Cloudformation - the basics
 - Elastic Beanstalk
 - CDK
 - OpsWorks
- Building decoupled applications
 - SQS
 - SNS
 - Amazon MQ
- Glossary

Introduction

About this book



yuy ... this looks awesome

```
|This is an inline code block|
```

```
ProperCodeBlockHere
```

```
LooksAwesome:
```

```
yes
```

Getting started with the account - IAM

Basic storage - S3

Basic storage - S3

Lifecycle policies

Basic storage - S3

S3 Versioning

Basic computing - EC2

Basic computing - EC2

EC2 Instances

What is an AMI?

Preconfiguring instances with user data

EC2 data storage options

EC2 Instance types

Basic computing - EC2

EC2 pricing

EC2 Cost optimization strategies

Introduction of the databases - RDS

Networking in *AWS*

Security

Serverless

Automation

Automation

Cloudformation - the basics

AWS Cloudformation is based on templates

- this can be either JSON or YAML
- it describes your infrastructure

Automation

Elastic Beanstalk

Automation

CDK

Automation

OpsWorks

Building decoupled applications

Building decoupled applications

SQS

Building decoupled applications

SNS

Building decoupled applications

Amazon MQ

Glossary

I

IAM

AWS Identity and Access Management (IAM) is a service that allows you to manage access to AWS services and resources securely. With IAM, you can create and manage AWS users and groups, create policies and assign permissions to allow and deny access to AWS resources.