

Professional Skills
Agile Fundamentals
Jira
Git
Databases Introduction
Java Beginner
Maven
Testing (Foundation)
Java Intermediate
HTML
CSS
Javascript
Spring Boot
Selenium
Sonarqube
Advanced Testing (Theory)
Cucumber
MongoDB
Express
NodeJS
React
Express-Testing
Networking
Security
Cloud Fundamentals
AWS Foundations
<div><div></div> AWS Introductions</div>
<div><div></div> AWS Sign up</div>
<div><div></div> AWS Billing Alert</div>
<div><div></div> AWS EC2</div>

S3 File Upload

Contents

- [Overview](#)
- [Moving Data](#)
- [Multipart Upload](#)
- [Tutorial](#)
- [Exercises](#)

Overview

S3 allows us to store any types of file, this module will teach you about uploading these files.

Moving Data

Although S3 allows you to store as much data as you want, individual objects cannot be larger than 5 TB.
However there are restrictions in place when you are uploading files using the GUI, if you upload a file using the Amazon S3 console then the maximum file size is 160 GB.
You need to use the AWS CLI or API directly to upload larger files.

Multipart Upload

Multipart Uploads are the concept that enables us to upload files of up to 5 TB, Multipart Uploads also have other benefits:

- Parallel uploads to improve throughput.
- Minimising the impact of restarting a download due to a network failure.
- Pausing and restarting object uploads - you have more flexibility over how an upload ends.
- An upload can start before the object has been completely created.

Tutorial

There is no tutorial for this module.

Exercises

There are no exercises for this module.

<div><div></div>Key Pairs</div> <div><div></div>S3 Introduction</div> <div><div></div>S3 Storage Options</div> <div><div></div>AWS S3 bucket creation</div> <div><div></div>S3 Bucket Policies</div> <div><div></div>S3 Lifecycle Policies</div> <div><div></div>S3 File Upload</div> <div><div></div>S3 AWS-CLI Commands</div> <div><div></div>S3 Glacier</div> <div><div></div>Elastic Beanstalk Introduction</div> <div><div></div>AWS IAM Intro</div> <div><div></div>AWS IAM User Overview</div> <div><div></div>AWS IAM Users</div> <div><div></div>AWS IAM Policies</div> <div><div></div>AWS Programmatic Access</div> <div><div></div>AWS IAM Role CLI</div> <div><div></div>AWS RDS</div> <div><div></div>AWS Auto-Scaling Group CLI</div> <div><div></div>Elastic Load Balancer</div>
AWS Intermediate
Linux
DevOps
Jenkins Introduction
Jenkins Pipeline
Markdown
IDE Cheatsheet