

Using S3 with .NET Core on AWS

SETTING UP OUR ASP.NET CORE WEB APPLICATION



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Overview



What is Amazon S3?

Tools and Applications

Create our .NET Core Web API

Amazon S3 SDK

- Install the SDK
- Set up the S3 Client

Set up your AWS Credentials



What Is Amazon S3?



Amazon S3 is cloud storage for the internet



You store data as objects within resources called buckets



The same scalable storage infrastructure that Amazon.com uses



Common Use Cases for Amazon S3

Backup and Storage

Application Hosting

Media Hosting

Software Delivery

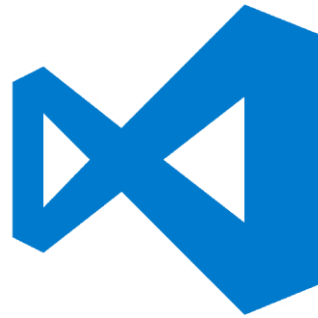


Tools and Applications



Visual Studio 2019

**Fully-featured integrated
development environment
(IDE)**



Visual Studio Code

**Free, open source,
runs everywhere**



.NET Core SDK

**Set of libraries and
tools to create .NET
Core applications**



AWS SDKs and Tools



AWSSDK – Amazon S3
Provides you with .NET
APIs for S3



**AWSSDK Extensions
NETCore Setup**
Allows you to get your
credentials using
dependency injection



**AWS Command Line
Interface (CLI)**
Control AWS Services
from the command
line





Life Backup

**The place to store your important files,
documents and photos.**



Demo



Create a .NET Core Web API

Create our folders and classes

Install the AmazonS3 SDK

Set up the AmazonS3 client

Create an AWS IAM role

Create a Credentials file



Summary



Amazon S3 is cloud storage for the internet

Amazon S3 can be used for

- Backup and Storage
- Application Hosting
- Media Hosting
- Software Delivery



Summary



LifeBackup API

- Set up Projects, Folders and Classes
- Install the Amazon SDKs

AWS Permissions

- Created an IAM Role
- Created a Credentials file

