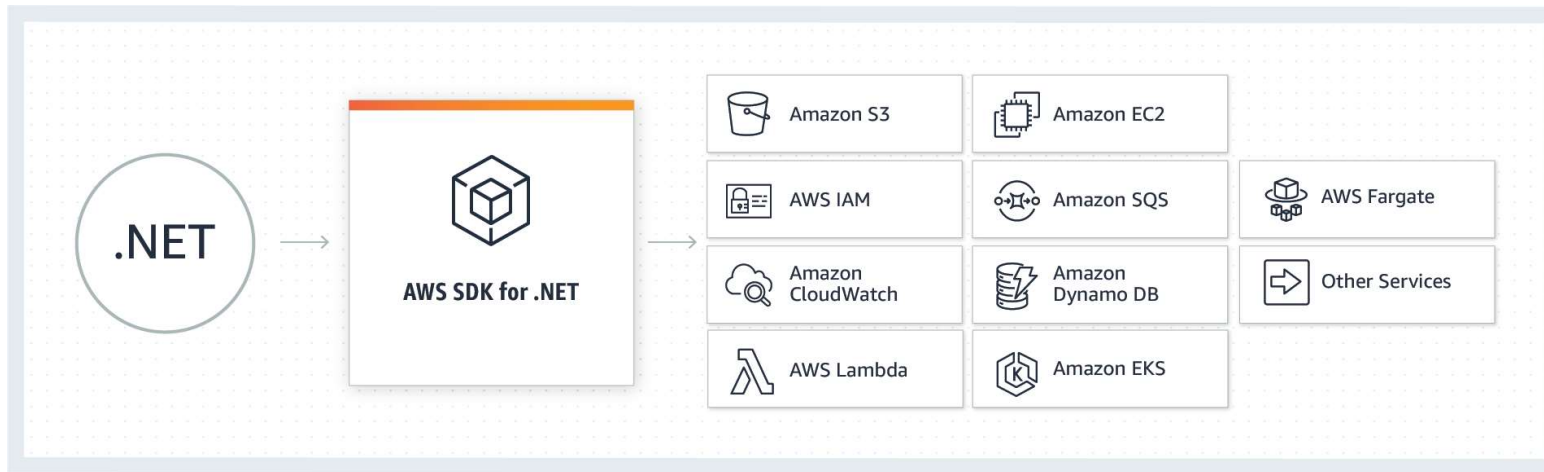


¿Qué es el AWS SDK for .NET?

AWS (Amazon Web Services) **SDK** (Software Development Kit) for **.NET** (C# and VB)



https://docs.aws.amazon.com/es_es/sdk-for-net/v3/developer-guide/welcome.html

AWS SDK for .NET es un conjunto de **bibliotecas** y **herramientas** proporcionadas por Amazon Web Services (**AWS**) que permiten a los desarrolladores de aplicaciones en el entorno .NET interactuar fácilmente con los servicios de AWS.

En esencia, es un **SDK** (Software Development Kit) que facilita el uso de los servicios en la nube de AWS desde aplicaciones escritas en lenguajes compatibles con .NET, como **C#** o **VB.NET**.

Entorno de desarrollo para AWS SDK for .NET



Sigue estos pasos para preparar tu entorno de Desarrollo para programar aplicaciones C# que integren las librerías AWS SDK for .NET:

1. Cómo [crear una cuenta AWS Free Tier](#) (**Video Lección 1**)
2. Cómo crear un **Usuario con permisos de Administrador** (**Video Lección 2**)
3. Cómo instalar **AWS CLI**: <https://awscli.amazonaws.com/AWSCLIV2.msi> (**Video Lección 3**)
4. Obtener las credenciales de acceso para AWS CLI: **Access Key** y **Secret Key** (**Video Lección 4**)
5. Ejecutar el commando “**aws configure**” para configurar tu cuenta de AWS (introduce tu región “**eu-west-3**”, y tu formato de salida por defecto “**json**”) (**Video Lección 4**)
6. (Opcional) Tu puedes crear diferentes perfiles y elegir uno entre ellos (**Video Lección 4**)

Ejemplo de utilización de AWS SDK for .NET



Cómo crear un almacén de datos S3

Paso 1: Crear un nuevo Proyecto de tipo Consola en .NET con tu IDE preferido por ejemplo Visual Studio 2022

Paso 2: Añadir el paquete Nuget: **AWSSDK.S3**

Paso 3: Escribir el Código Fuente de la aplicación

Abrir el archivo **Program.cs**:

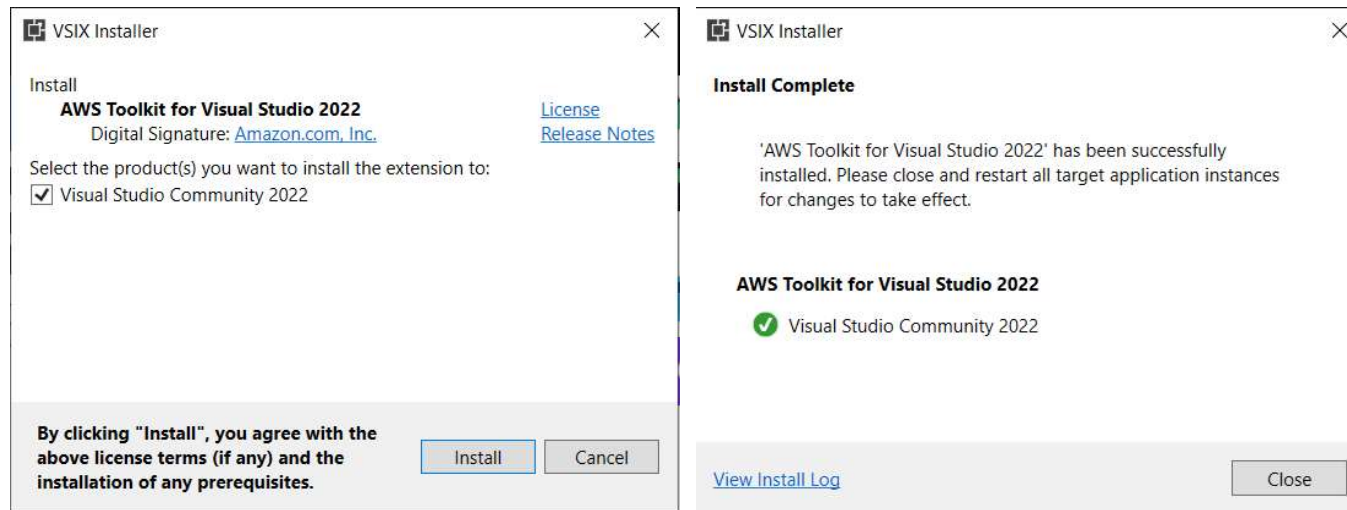
```
using Amazon.S3;  
using Amazon.S3.Model;  
  
IAmazonS3 client = new AmazonS3Client();  
var request = new PutBucketRequest  
{  
    BucketName = "luiscocoenriquezbucket",  
    UseClientRegion = true,  
};  
var response = await client.PutBucketAsync(request);
```

https://docs.aws.amazon.com/AmazonS3/latest/userguide/example_s3_CreateBucket_section.html

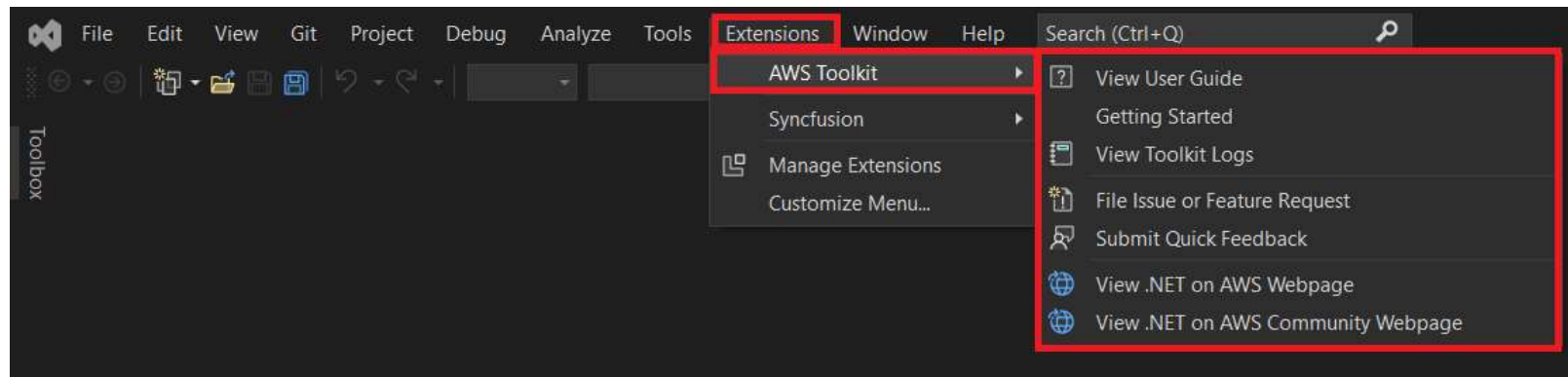


(optional) Install AWS Toolkit for Visual Studio 2022

Descargar e instalar el AWS Toolkit <https://aws.amazon.com/es/visualstudio/>

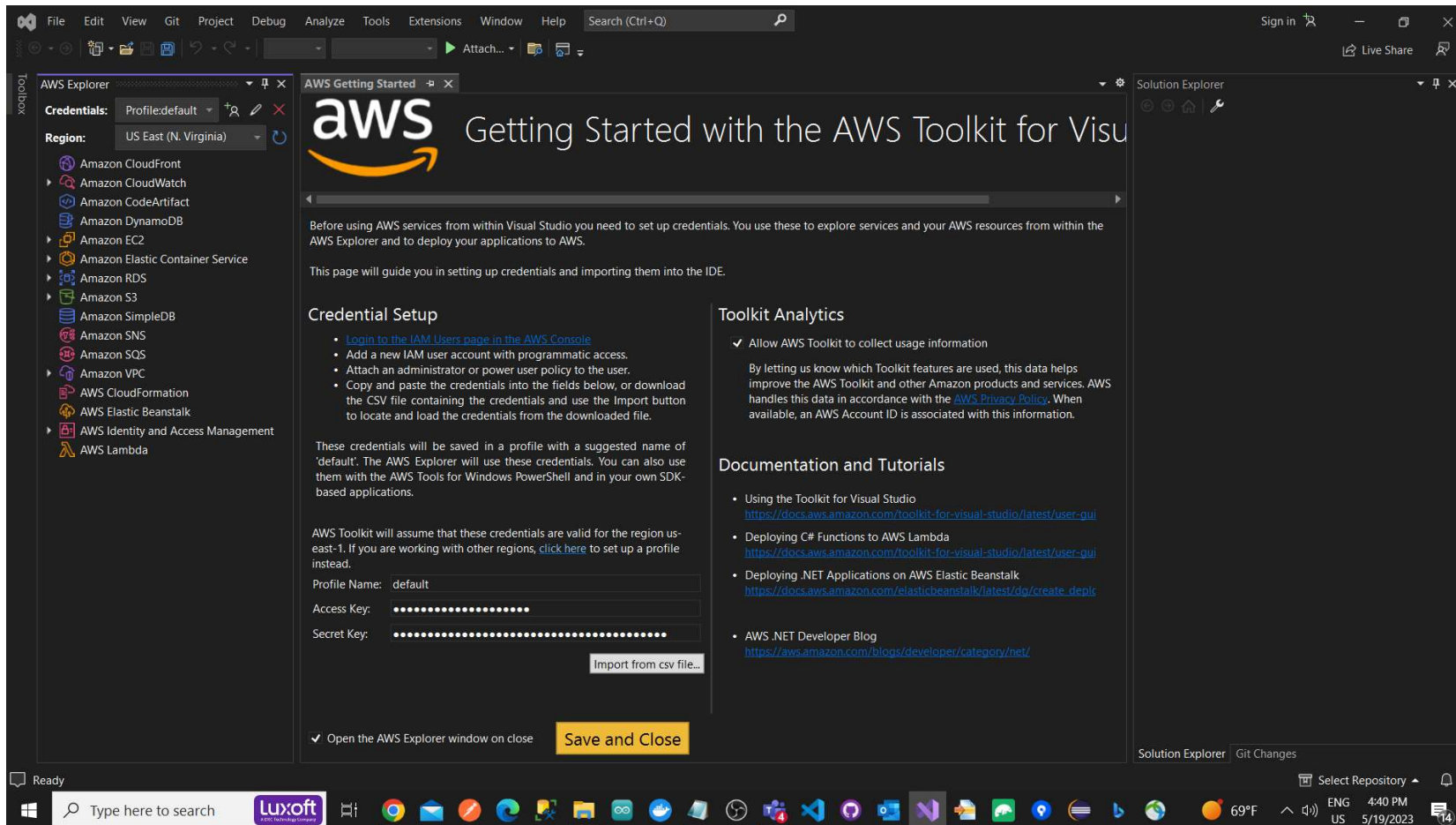


Ejecutar Visual Studio y seleccionar la opción de menu: Menu->**AWS Toolkit**->**Getting Started**



(optional) Install AWS Toolkit for Visual Studio 2022

Seleccionar en el Menú->View>AWS Explorer



Documentación de AWS SDK for .NET



← → ↻ docs.aws.amazon.com/es_es/sdk-for-net/ ☆ ▼ ⓘ En pausa ⋮

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Documentación de AWS SDK for .NET

AWS SDK for .NET facilita a los desarrolladores de Windows la creación de aplicaciones .NET que aprovechan la rentabilidad, escalabilidad y confiabilidad de AWS Infrastructure Services, como Amazon S3, Amazon EC2 y Amazon DynamoDB.

Última versión (V3)

[Guía para desarrolladores](#)

Guía para desarrolladores de AWS SDK for .NET. Describe las características del SDK y cómo usarlas.

[HTML](#) | [PDF](#)

[Referencia de la API](#)

Describe de forma detallada todas las operaciones de API para el SDK. También incluye ejemplos de solicitudes, respuestas y errores de los protocolos de los servicios web admitidos.

[HTML](#)

Recursos adicionales

[Guía de referencia de los SDK y las herramientas de AWS](#)

[Repositorio de ejemplos de código de AWS](#)

En esta página

- [Última versión \(V3\)](#)
- [Recursos adicionales](#)
- [Versiones anteriores \(obsoletas\)](#)

Enlaces relacionados

- [AWS Glossary](#)
- [Introducción a AWS](#)
- [SDKs & Tools](#)
- [AWS General Reference](#)
- [AWS Training](#)
- [AWS Case Studies](#)
- [AWS Whitepapers](#)

https://docs.aws.amazon.com/es_es/sdk-for-net/

Listado de API para AWS SDK for .NET



awsdocumentation

- Amazon
- Amazon.AccessAnalyzer
- Amazon.AccessAnalyzer.Endpoints
- Amazon.AccessAnalyzer.Model
- Amazon.Account
- Amazon.Account.Endpoints
- Amazon.Account.Model
- Amazon.ACMPCA
- Amazon.ACMPCA.Endpoints
- Amazon.ACMPCA.Model
- Amazon.AlexaForBusiness
- Amazon.AlexaForBusiness.Endpoints
- Amazon.AlexaForBusiness.Model
- Amazon.Amplify
- Amazon.Amplify.Endpoints
- Amazon.Amplify.Model
- Amazon.Amplify.Backend
- Amazon.Amplify.Backend.Endpoints
- Amazon.Amplify.Backend.Model
- Amazon.Amplify.UIBuilder
- Amazon.Amplify.UIBuilder.Endpoints
- Amazon.Amplify.UIBuilder.Model
- Amazon.APIGateway
- Amazon.APIGateway.Endpoints
- Amazon.APIGateway.Model
- Amazon.APIGateway.Management
- Amazon.APIGateway.Management.V2

AWS SDK for .NET Version 3 API Reference

The AWS SDK for .NET makes it easier for developers to build .NET applications that tap into the cost-effective, scalable, and reliable AWS infrastructure services such as Amazon Simple Storage Service (Amazon S3) and Amazon Elastic Compute Cloud (Amazon EC2).

The AWS SDK for .NET supports development on .NET Framework 3.5 or later, .NET Core 2.0 or later, and any platform that supports .NET Standard 2.0 or later. As of version 3.7, the AWS SDK for .NET no longer supports .NET Standard 1.3.

Additional Information

These pages contain additional information about the AWS SDK for .NET and using .NET to access AWS:

- [Getting Started with the AWS SDK for .NET](#)
This section introduces you to the fundamentals of tool installation, configuring AWS access keys, and getting started with a sample project.
- [Setting up a project](#)
This section describes how to start a project and then set it up by configuring AWS access keys, configuring an AWS Region, and installing packages.
- [Programming AWS](#)
General programming techniques and information for developing software with the AWS SDK for .NET
- [AWS Developer Blog - Windows and .NET](#)
Developer blog for the AWS SDK for .NET, Visual Studio toolkit and AWS Tools for Windows PowerShell.
- [V3 Migration Guide](#)
Guide to help developers move their applications from version 2 to version 3 of the AWS SDK for .NET.
- [V3.5 Migration Guide](#)
Guide to help developers move their applications from version 3.3 to version 3.5 of the AWS SDK for .NET.
- [Migrating from .NET Standard 1.3](#)
Guide to help developers move their .NET Standard 1.3 applications to a newer version of .NET, which is required as of version 3.7 of the AWS SDK for .NET.

<https://docs.aws.amazon.com/sdkfornet/v3/apidocs/index.html>

Ejemplos de Código AWS SDK for .NET



Pinia | Create | [CS-13] | Files | https:// | JF JSON | https:// | JF JSON | Prozo | What | AWS S | Install | Amaz | AWS S | Create | Co x | Creati | + | - | X

docs.aws.amazon.com/sdk-for-net/v3/developer-guide/tutorials-examples.html

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AWS > Documentation > AWS SDK for .NET > Developer Guide Comentarios Preferencias

▼ Working with AWS services

▼ Code examples with guidance

- ▶ AWS CloudFormation
- ▶ Amazon Cognito
- ▶ DynamoDB
- ▶ Amazon EC2
- ▶ IAM
- ▶ Amazon S3
- ▶ Amazon SNS
- ▶ Amazon SQS
- ▶ Additional code examples
- ▶ AWS Lambda
- ▶ AWS OpsWorks
- ▶ Other services and configuration
- ▶ Security
- ▶ Special considerations
- ▶ API reference
- ▶ Document history

Code examples with guidance for the AWS SDK for .NET

PDF | RSS

The following sections contain code examples and provide guidance for the examples. They can help you learn how to use the AWS SDK for .NET to work with AWS services.

If you're new to the AWS SDK for .NET, you might want to check out the [Quick tour](#) topic first. It gives you an introduction to the SDK.

Before you begin, be sure you have [set up your environment](#). Also review the information in [Setting up your project](#) and [SDK features](#).

Topics

- [AWS CloudFormation](#)
- [Amazon Cognito](#)
- [DynamoDB](#)
- [Amazon EC2](#)
- [IAM](#)
- [Amazon S3](#)
- [Amazon SNS](#)
- [Amazon SQS](#)

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<https://docs.aws.amazon.com/sdk-for-net/v3/developer-guide/tutorials-examples.html>

Repositorios GitHub

Guía de Desarrollo para AWS SDK for .NET

<https://github.com/awsdocs/aws-net-developer-guide>



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Amazon Web Services SDK for .NET

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.github	Adding template		6 years ago
doc_source	Periodic update - 04/11/23-09:48pm UTC		last month
CODE_OF_CONDUCT.md	Adding CONTRIBUTING/CoC		6 years ago
CONTRIBUTING.md	Corrected branch names.		2 years ago
LICENSE	Relicensing to CC-BY-SA 4.0		6 years ago
LICENSE-SAMPLECODE	Converting the repo from reStructuredText to Markdown.		4 years ago

AWS SDK for .NET 3.x documentación y ejemplos

<https://github.com/awsdocs/aws-doc-sdk-examples/tree/main/dotnetv3>

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About

Welcome to the AWS Code Examples Repository. This repo contains code examples used in the AWS documentation, AWS SDK Developer Guides, and more. For more information, see the Readme.md file below.

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Readme

ford-at-aws	Update Ruby README's w/ WRITEME (#4758)	926ee5c 3 days ago	15,138 commits
.doc_gen	remove sos editor POC (#4817)		3 days ago
.dotnet	add a profanity checker (#4743)		4 days ago
.git-hooks	IAM Cleanup (#4646)		last month
.github	add a profanity checker (#4743)		4 days ago
aws-cli	Restore aws-cli folder because it's referenced in the AWS CLI guide (#...		3 months ago
cpp	test fix (#4802)		5 days ago