

# AWS Lambda

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The support for AWS is distributed among several CAST extensions. This page summarizes supported features for the **latest version** of the corresponding CAST extensions.

## List of supported languages and deployment frameworks

AWS Lambda functions can be implemented and deployed with several tools. The following table summarizes supported functionalities in deployment frameworks and SDKs for different languages:

Framework/API Services and services interactions	Cloudformation	SAM	Serverless v1.x v2.x	Shell (AWS Cli)	SDK				
					JavaScript v2.x	TypeScript v2.x v3.x	Java v1.x v2.x	python boto3	dotnet
Lambda invocation				✓	✓	✓	✓	✓	✗
Lambda creation and link to the handler	✓	✓	✓	✗	✗	✗	✗	✗	✗
Lambda triggers									
REST API gateway	✓	✓	✓	✗	✗	✗	✗	✗	✗
SQS event	✓	✓	✓	✗	✗	✗	✗	✗	✗
S3 event	✓	✓	✓	✗	✗	✗	✗	✗	✗
DynamoDB event	✗	✗	✗	✗	✗	✗	✗	✗	✗
SNS event	✗	✗	✗	✗	✗	✗	✗	✗	✗

## More about support for each language with CAST AIP

- [Support of CloudFormation, SAM, and Serverless framework](#) (note that for the lambda functions objects created by this extension, the link to the handler function is created by one of the following extensions)
- [Support of AWS Lambda for Java](#)
- [Support of AWS Lambda for .NET](#)
- [Support of AWS Lambda for Node.js \(JavaScript\)](#)
- [Support of AWS Lambda for Node.js \(TypeScript\)](#)
- [Support of AWS Lambda for Python](#)
- [Support of AWS Lambda for Shell](#)