

AWS Lambda foundations

[PDF \(lambda-dg.pdf#lambda-foundation\)](#) | [RSS \(lambda-updates.rss\)](#)

The Lambda function is the foundational principle of Lambda. You can configure your functions using the Lambda console, Lambda API, AWS CloudFormation or AWS SAM. You create code for the function and upload the code using a deployment package. Lambda invokes the function when an event occurs. Lambda runs multiple instances of your function in parallel, governed by concurrency and scaling limits.

Topics

- [Lambda concepts \(./gettingstarted-concepts.html\)](#)
- [Lambda features \(./gettingstarted-features.html\)](#)
- [Lambda programming model \(./foundation-progmodel.html\)](#)
- [Lambda instruction set architectures \(./foundation-arch.html\)](#)
- [VPC networking for Lambda \(./foundation-networking.html\)](#)
- [Lambda function scaling \(./invocation-scaling.html\)](#)
- [Lambda deployment packages \(./gettingstarted-package.html\)](#)
- [Lambda console \(./foundation-console.html\)](#)
- [Using Lambda with the AWS CLI \(./gettingstarted-awscli.html\)](#)

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