

Developing Serverless Solutions on AWS

Learn how to develop secure and scalable cloud applications

Trainings-ID: AWSS010

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Das nehmen Sie mit

Dieses Training vermittelt Entwicklern die besten Praktiken für die Erstellung serverloser Anwendungen mit AWS Lambda und anderen Services der AWS Serverless-Plattform. Sie verwenden AWS Frameworks zur Bereitstellung einer serverlosen Anwendung in praktischen Übungen, die von einfacheren zu komplexen Themen. Sie werden die AWS-Dokumentation während des gesamten Kurses nutzen, um authentische Methoden für und Problemlösungen über den Unterricht hinaus zu entwickeln.

In diesem Training lernen Sie:

- Apply event-driven best practices to a serverless application design using appropriate AWS services
- Identify the challenges and trade-offs of transitioning to serverless development, and make recommendations that suit your development organization and environment
- Build serverless applications using patterns that connect AWS managed services together, and account for service characteristics, including service quotas, available integrations, invocation model, error handling, and event source payload
- Compare and contrast available options for writing infrastructure as code, including AWS CloudFormation, AWS Amplify, AWS Serverless Application Model (AWS SAM), and AWS Cloud Development Kit (AWS CDK)
- Apply best practices to writing Lambda functions inclusive of error handling, logging, environment re-use, using layers, statelessness, idempotency, and configuring concurrency and memory

- Apply best practices for building observability and monitoring into your serverless application
- Apply security best practices to serverless applications
- Identify key scaling considerations in a serverless application, and match each consideration to the methods, tools, or best practices to manage it
- Use AWS SAM, AWS CDK, and AWS developer tools to configure a CI/CD workflow, and automate deployment of a serverless application
- Create and actively maintain a list of serverless resources that will assist in your ongoing serverless development and engagement with the serverless community

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Zielgruppen

Dieses Training richtet sich an:

- Entwickler, die mit Serverless vertraut sind und Erfahrung mit der Entwicklung in der AWS-Cloud

Termine & Optionen

Datum	Dauer	Ort	Angebot	Preis
28.04.2025–30.04.2025	3 Tage	Wien	Trainingspreis (Vor Ort)	€ 2.380,-
28.04.2025–30.04.2025	3 Tage	Wien	Trainingspreis (Online)	€ 2.380,-
06.10.2025–08.10.2025	3 Tage	Wien	Trainingspreis (Vor Ort)	€ 2.380,-
06.10.2025–08.10.2025	3 Tage	Wien	Trainingspreis (Online)	€ 2.380,-