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CloudCamp
4SMEs

UpSkill in **Cloud**.

Cloud Training Program 2024

High-skilled SMEs employees
/ Cloud Architect

Pathway Syllabus



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Pathway Overview

This learning path will focus on the job-role skills needed to drive digital transformation at a business. It will address both knowledge and implementation, with the final goal being that they will be able to assist the SME to independently migrate to the Cloud.

Learners in this group are skilled workers and experts at SMEs.

They have significant work experience, but may not have completed a professional certification. They are primarily interested in upskilling to meet the current and future needs of their organisation.

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Courses Included

-  Pre-test to determine the level of knowledge before training
-  AWS Technical Essentials
-  Architecting on AWS
-  AWS Security Essentials
-  Cloud Migration for Architects at SMEs
-  Post-test to evaluate level of learning
-  Exam Readiness Package
-  Certification exam

01





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What will you learn

Upon completing this level, learners should be able to:

- Apply technical skills and knowledge to excel in their technical job roles and drive digital transformation.
- Undertake cloud migration projects and collaborate with other professionals to integrate cloud solutions effectively.
- Analyze and identify challenges and solutions related to cloud technologies.
- Manage and secure cloud-based solutions by their job roles, ensuring data and operations' safety.

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Pathway Courses

1. Pre-test to determine the level of knowledge before training:

- Key to be able to offer the right pathway for the right needs and experience of those interested.

2. AWS Technical Essentials:

- Describe terminology and concepts related to AWS services,
- Navigate the AWS Management Console,
- Articulate key concepts of AWS security measures and AWS Identity and Access Management (IAM),
- Distinguish among several AWS compute services, including Amazon Elastic Compute Cloud (Amazon EC2), AWS Lambda, Amazon Elastic Container Service (Amazon ECS), and Amazon Elastic Kubernetes Service (Amazon EKS),
- Understand AWS database and storage offerings, including Amazon Relational Database Service (Amazon RDS), Amazon DynamoDB, and Amazon Simple Storage Service (Amazon S3),
- Explore AWS networking services, and
- Access and configure Amazon CloudWatch monitoring features.

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Pathway Courses

3. AWS Security Essentials

- Identify security benefits and responsibilities of using the AWS Cloud,
- Describe the access control and management features of AWS,
- Explain the available methods for encrypting data at rest and in transit,
- Describe how to secure network access to your AWS resources, and
- Determine which AWS services can be used for monitoring and incident response.

4. Architecting in AWS

- AWS architecture and security fundamentals.
- Build secure, scalable AWS networks.
- Optimize compute and storage for diverse needs.
- Implement automation, monitoring, and high availability.
- Explore AWS container and serverless services.
- Ensure business continuity with AWS backup and recovery.

5. Cloud Migration for Architects at SMEs

- Decide in areas such as networking, storage, and virtualization.
- Evaluate and advise based on various migration strategies.
- Define appropriate Cloud migration strategy for business

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Pathway Courses

6. Post-test: Evaluate the level of learning

- The pre-test, jointly with the post-test, is useful to validate the effectiveness of the training from the learner's perspective.

7. Exam Readiness Package

- Test knowledge using the pre-certification exam,
- Review and discuss the results of the pre-certification exam,
- Evaluate your strengths and weaknesses based on exam topic domains,
- Ask questions about the exam,
- Create a study plan to prepare for the exam, and
- Identify effective test-taking strategies that can be used to answer exam questions.

8. Certification Exam

- The Certification Exams will be designed and developed specifically for the EU CloudCamp4SMEs program and will draw on questions that cover from the courses.

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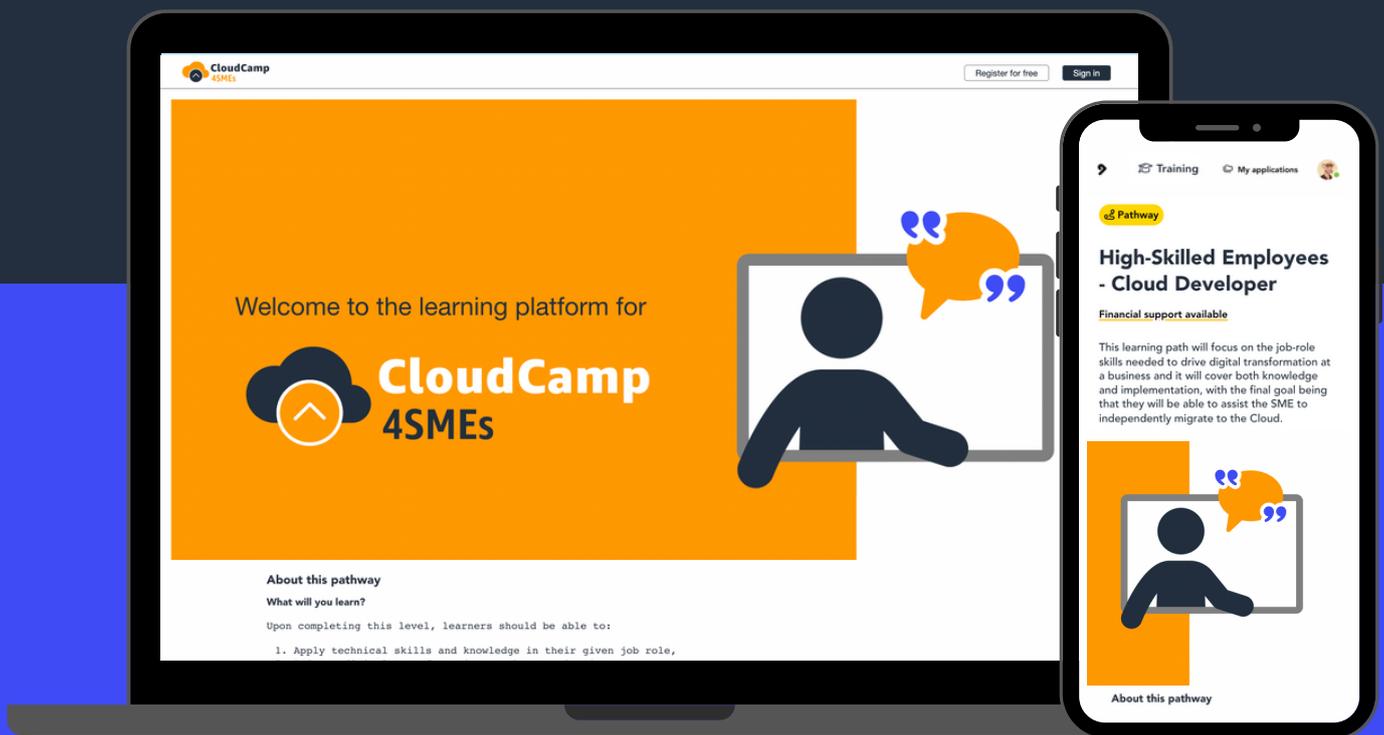
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Learning Platform:
<https://cloudcamp4sme.live>

The courses are done in our digital learning platform provided by CloudCamp4SMEs partners.



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Certifications

Upon successful completion of the pathways and the accompanying Certification Exam, CloudCamp4SMEs will provide alumni with a digital certification to validate their expertise and accomplishments in the realm of cloud technologies and solutions in the courses and pathway completed.



High-skilled SMEs Employees
Cloud Architects Certification



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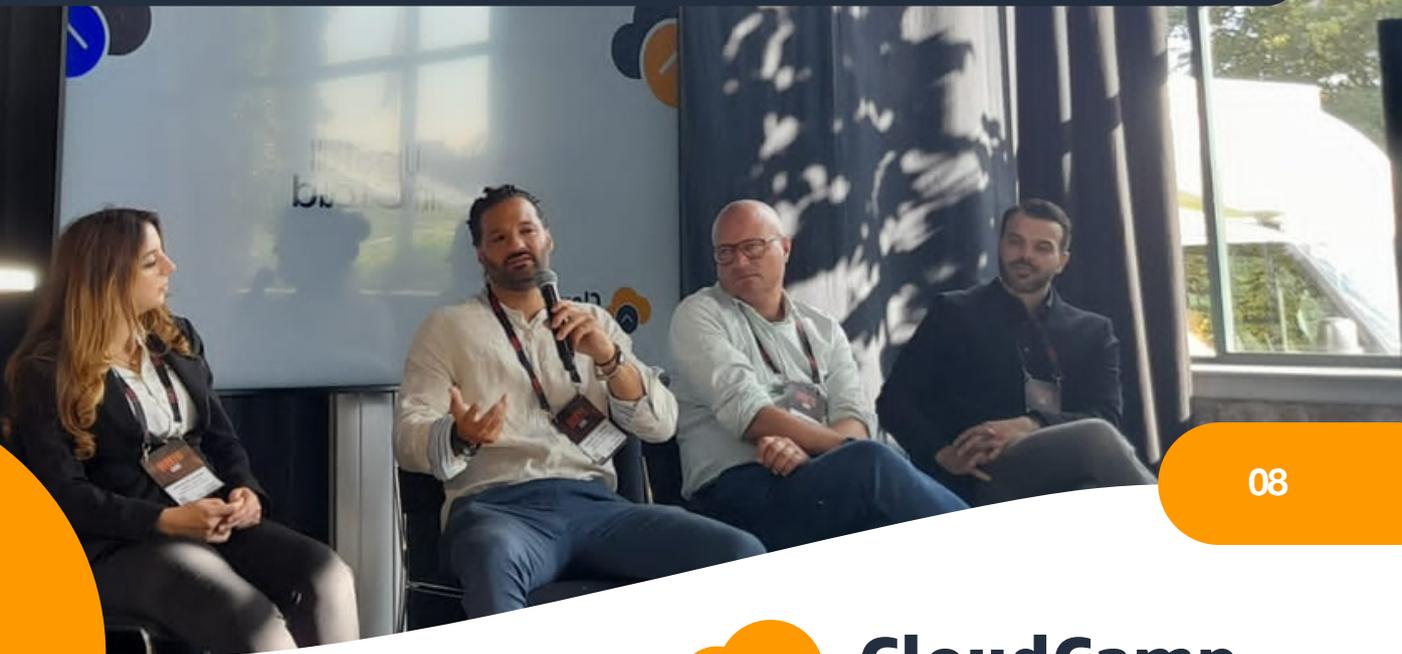
Testimonials

We've just started and this is our first cohort but our training partners want to share something with you!

**“Cloud, is not a tech option,
it is a business must have!”**

Magnus Histrup
AWS Business Dev Manager Nordics

Launch Event
Sept23 / Copenhagen



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