Learning Guide

Exoscale Certified
Solution Architect

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Overview

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Welcome

Become an Exoscale Expert

At Exoscale, we believe in the power of online education. By combining modern technologies with the latest learning research, we offer high-quality training that is accessible from anywhere.

Our simple application process makes it easy for you to join the Exoscale Academy, deepen your knowledge of the Exoscale platform, and grow your professional skill set.

We look forward to welcoming you to the Academy.

Yours sincerely,

The Academy Team
academy@exoscale.com

Overview

The **Exoscale Certified Solutions Architect** (**CSA**) course offers a focused, hands-on deep dive into designing and operating solutions on Exoscale's IaaS+ platform.

It covers core building blocks such as compute, storage, networking, and managed database services, and shows how to combine them into resilient architectures.

You will work through topics like automation and IaC, cloud-init, scaling patterns, traffic management, backup and recovery, and IAM- and organization-level controls. Based on Exoscale's European, secure, and compliant cloud, the course also addresses real-world challenges around availability, performance, cost, and migration. It compares architectural styles such as monoliths and microservices, including Kubernetes-based designs.

Together with the CSA exam and certification process, it provides a structured path for software and solution architects to design, implement, and formally validate modern cloud architectures on Exoscale.

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What You'll Learn

Platform & Architecture Foundations

Deepen your understanding of Exoscale's IaaS+ platform, data center model, and core benefits, and learn how these influence architectural decisions around performance, resilience, and cost.

Compute & Container Orchestration

Design and size workloads using instances, instance pools, and SKS, and understand how these building blocks support stateless architectures, microservices, and high availability.

Networking, Traffic & Security

Architect network topologies with private networks, load balancers, Elastic IPs, and security groups, and learn how to model internal, incoming, and outgoing traffic patterns for secure and scalable solutions.

Storage, Backup & Data Services

Leverage block storage, object storage, local storage, and DBaaS to design reliable data layers, including backup and restore strategies.

Automation & Infrastructure as Code

Apply automation concepts using cloud-init, IaC, APIs, and CLIs, and learn how to integrate Exoscale into CI/CD pipelines and enable repeatable environment provisioning.

Scaling, Operations & Cloud Challenges

Work through vertical and horizontal scaling patterns, instance pool automation, and operational challenges such as migration, licensing, throughput, and backup, and learn proven approaches to mitigate them.

Architecture Patterns & Governance

Compare monolith vs. microservices, understand Kubernetes-centric designs, and design for high availability and disaster recovery, while using IAM to enforce governance and standardization.

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Benefits

The Academy gives you a focused, flexible way to build real cloud skills with Exoscale:

Role-Based Learning Paths

Follow curated tracks for developers, operators, and architects so you learn exactly what you need for your day-to-day work.

Hands-On, Practical Content

Courses are designed around real-world use cases on Exoscale, helping you move quickly from theory to practice.

Official Certifications

Validate your skills with Exoscale certifications that demonstrate your expertise to employers, customers, and partners.

Learn at Your Own Pace

All content is available 24/7. Start, pause, and resume modules whenever it fits your schedule.

Multiple Learning Formats

Prefer reading or watching? Access the same content as interactive courses, videos, or ebook-style documentation.

Always Up to Date

Academy content is maintained by Exoscale experts, so you learn best practices that match the current platform.

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How to Join & Start

Academy Registration

It's easy if you are a first-time visitor go to **exoscale.com/academy** and click on: **JOIN THE ACADEMY**

1 Sign in or, if new, join the Exoscale Academy to access the courses.

2 Go to Academy Courses and select the course that interests you most.

3 Enroll in your course and carefully read the first two sections before starting.

4 Take your course online and learn at your own pace when you are ready.

Academy Courses

Go to the Courses web page and click on GET STARTED of your desired course.

exoscale.com/academy/courses

Academy Exams

Go to the Exams web page and click on GET CERTIFIED of your desired exam.

exoscale.com/academy/exams

Academy Formats

If you're not a fan of e-learning platforms but still an avid self-learner, visit our resources section. There, you'll find the content in ebook-style, also including the videos.

community.exoscale.com/academy

Academy Availability

Whenever you're ready to start a course or take a certification exam, we're ready too. Visit exoscale.com/academy to get started or get certified. *Opening Hours: 24/7.*

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FAQ

What is Exoscale Academy?

Exoscale Academy is an online learning platform where you can build and validate your skills on Exoscale through structured courses and official certifications.

Who is Exoscale Academy for?

It's designed for engineers, administrators, architects, and anyone who wants to learn how to use Exoscale effectively—from beginners to advanced users.

How do I access Exoscale Academy?

Simply visit **exoscale.com/academy**, create or log in with your Academy account, and start learning.

What do I need to follow the courses?

You only need an internet connection and a browser. For hands-on labs, having an Exoscale account is recommended so you can try things directly on the platform.

Is there an alternative to the e-learning platform?

Yes. If you prefer reading, you can access the same content in ebook-style format, along with the same videos, via the Exoscale Documentation at **community.exoscale.com/academy**.

Is there an instructor-led format available?

Yes, you can book individual training with our Training Partners or attend classroom or hybrid training from our Training Center Partners for a more personal learning experience. Visit **exoscale.com/academy/plus**.

How much does it cost?

All course content is free; the first exam for each certification course is on us. If you need an exam retake or a focused exam prep session, please contact our Training Center Partners - **exoscale.com/academy/plus**.

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Expand Your Knowledge by Joining Our Academy. Showcase Your Cloud Readiness with an Exoscale Certification.

Join the Academy, an innovative education platform with the best learning experience provided by Exoscale cloud experts.

JOIN THE ACADEMY　　**SIGN-IN**

Embracing lifelong learning is a significant challenge that holds the key to personal and professional growth. At Exoscale, we are dedicated to turning this challenge into a rewarding journey by providing enriched, accessible learning experiences.

Hans Berndl, Academy Lead

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