



# دورة تدريبية مكثفة حول Cloud Alibaba لتطوير مهارات الأداء والكفاءة في الأعمال



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### Alibaba Cloud Performance Efficiency Pillar Overview:

The "Alibaba Cloud Performance Efficiency Pillar" course is meticulously designed to empower IT professionals with the knowledge and skills to optimize cloud computing performance. This comprehensive training delves into the core principles of cloud performance, focusing on Alibaba Cloud's robust ecosystem, including Elastic Compute Service ECS Optimization, GPU Instances, ECS Bare Metal Instances, and advanced container services like Elastic Container Instance ECI and Alibaba Cloud Kubernetes Service ACK. Participants will explore Alibaba Cloud Storage Solutions, mastering Block Storage Performance, Apsara File Storage NAS, Cloud Paralleled File Storage CPFS, and Object Storage Service OSS. The course also covers Alibaba Cloud Database Services, Cloud Networking Optimization, and essential security practices. Through real-time application monitoring with CloudMonitor and understanding Cloud Service Trade-offs, attendees will learn to navigate the complexities of cloud infrastructure, ensuring high performance and efficiency. This training is not just about technical skills; it's about adopting a strategic approach to cloud performance, making it ideal for professionals aiming for Alibaba Cloud Certification and those seeking to enhance their cloud computing career.

### Target Audience:

- Cloud Architects
- DevOps Engineers
- IT Managers
- System Administrators
- Cloud Solutions Designers

### Targeted Organizational Departments:

- IT and Systems
- DevOps
- Cloud Solutions and Architecture
- Technical Support and Operations

### Targeted Industries:

- Technology and Software Development
- E-commerce and Retail
- Finance and Banking
- Healthcare

## Course Offerings:

By the end of this course, participants will be able to:

- Implement ECS and GPU instance optimization for peak performance.
- Deploy and manage containerized applications using ECI and ACK.
- Design and manage high-performance storage solutions with NAS, CPFS, and OSS.
- Optimize cloud networking with VPC, Server Load Balancer, and Global Accelerator.
- Conduct performance testing and real-time monitoring to ensure system efficiency.
- Understand and apply cloud service trade-offs for cost-effective solutions.
- Prepare for Alibaba Cloud Certification with advanced knowledge and skills.

## Training Methodology:

The "Alibaba Cloud Performance Efficiency Pillar" course employs a dynamic blend of training methodologies to ensure a deep understanding of cloud performance optimization. Participants will engage in interactive sessions that include case studies of real-world scenarios, group work to foster collaboration and knowledge sharing, and hands-on exercises in a lab environment to apply what they've learned. Feedback sessions will provide valuable insights into progress and areas for improvement. This approach ensures that attendees not only grasp theoretical concepts but also gain practical experience in implementing Alibaba Cloud solutions for performance efficiency, making use of tools like CloudMonitor and exploring the nuances of ECS, ACK, and cloud storage solutions.

## Course Toolbox:

- Comprehensive course workbook
- Access to Alibaba Cloud for hands-on labs
- Performance optimization checklists and templates
- Online resources for Alibaba Cloud services and best practices
- Access to a community forum for ongoing support and knowledge exchange

## Course Agenda:

### Day 1: Introduction to Alibaba Cloud Performance Efficiency

- Overview of Cloud Computing Performance Principles Topic 1:
- Introduction to Alibaba Cloud and its Performance Efficiency Pillar Topic 2:
- Elastic Compute Service ECS Optimization Techniques Topic 3:
- Understanding GPU and ECS Bare Metal Instances Topic 4:
- Discuss the day's learnings and key takeaways on ECS optimization. Reflection & Review:

## Day 2: Container Services and Storage Solutions

- Deploying Applications with Elastic Container Instance ECI and ACK Topic 1: •
- Alibaba Cloud Storage Solutions: NAS, CPFS, and OSS Topic 2: •
- Performance Optimization for Block Storage Topic 3: •
- Best Practices for Alibaba Cloud Function Compute Topic 4: •
- Review container services and storage solutions, emphasizing performance. Reflection & Review: •

## Day 3: Database Services and Cloud Networking

- Optimizing Alibaba Cloud Database Services Topic 1: •
- Cloud Networking Optimization with VPC and Load Balancers Topic 2: •
- Enhancing Connectivity with Global Accelerator and Express Connect Topic 3: •
- Security and Compliance in Cloud Networking Topic 4: •
- Reflect on database and networking optimizations and their impact on performance. Reflection & Review: •

## Day 4: Monitoring, Testing, and Trade-offs

- Implementing Real-time Application Monitoring with CloudMonitor Topic 1: •
- Alibaba Cloud Performance Testing Strategies Topic 2: •
- Understanding Cloud Service Trade-offs for Efficiency Topic 3: •
- Asynchronous Cache Techniques in Alibaba Cloud Topic 4: •
- Discuss monitoring, testing, and the importance of trade-offs in cloud efficiency. Reflection & Review: •

## Day 5: Advanced Topics and Certification Preparation

- Advanced Alibaba Cloud Services Workshop Topic 1: •
- Cloud Computing Skills Development and Career Advancement Topic 2: •
- Preparation for Alibaba Cloud Professional Certification Topic 3: •
- Enterprise Cloud Strategy and Performance Analysis Topic 4: •
- Final review and preparation strategies for Alibaba Cloud certification. Reflection & Review: •

## How This Course is Different from Other Alibaba Cloud Performance Efficiency Courses:

The "Alibaba Cloud Performance Efficiency Pillar" course stands out by offering a holistic approach to cloud performance, combining technical depth with strategic insights. Unlike other courses, it covers the entire spectrum of Alibaba Cloud's performance optimization capabilities, from ECS and GPU instances to advanced networking and real-time monitoring. This course is designed with a hands-on approach, allowing participants to apply what they learn in real-world scenarios, preparing them for Alibaba Cloud Certification. With a focus on current industry challenges and the latest cloud technologies, this training is essential for professionals looking to advance their careers in cloud computing and organizations aiming to maximize their cloud investments.



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المالية



دورات مكتب إدارة المشاريع وإدارة المشاريع  
الرشيقية

## مدن التدريب



أمستردام - هولندا



أكرا - غانا



أثينا - اليونان



أبوظبي - الإمارات العربية المتحدة



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



استنبول - تركيا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



الرياض - المملكة العربية السعودية



بانكوك - تايلند



بالي - جمهورية اندونيسيا



بأكو - أذربيجان



باريس - فرنسا

## مدن التدريب



تيليسي - جورجيا



بوكيت - تايلاند



برشلونة - إسبانيا



براغ - جمهورية التشيك



دبي - الإمارات العربية المتحدة



جوهانسبرغ - جنوب إفريقيا



جنيف - سويسرا



جاكرتا - جمهورية إندونيسيا



سيول - كوريا الجنوبية



سان دييغو - الولايات المتحدة الأمريكية



زنجر - تنزانيا



روما - إيطاليا



طشقند - أوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة الأمريكية



شرم الشيخ - مصر

## مدن التدريب



فيينا - النمسا



عن بعد - منصة زووم



عمان - المملكة الأردنية الهاشمية



طوكيو - اليابان



لندن - المملكة المتحدة



لانكاوي - ماليزيا



كيب تاون - جنوب إفريقيا



كوالالمبور - ماليزيا



مونترنو - سويسرا



مسقط - سلطنة عمان



مدريد - إسبانيا



ماربيا - إسبانيا



نيس - فرنسا



نairobi - كينيا



ميونخ - ألمانيا



ميلان - إيطاليا

# WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

## OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

## OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

## WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



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## CONTACT US

 UAE, Dubai Investment Park First

 +971585964727  
 +447700176600

 [sales@agile4training.com](mailto:sales@agile4training.com)