



# Strategic IT Ops: Modern Enterprise Management Essentials



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الرجوع: 76\_38882 التاريخ: 25 - 29 May 2026 الموقع: دبي - الراسخور: 6500 Road Zayed Sheikh Marriott by Inn Residence

## Course Overview:

The "Strategic IT Operations Management Training Course for Modern Enterprises" is an advanced corporate training program designed to equip IT professionals with the tools, frameworks, and insights necessary for optimizing operations across dynamic IT environments. This course integrates principles from IT Operations Management Training, ITOM Certification Course content, and key operational tools. Participants will learn to implement scalable Network Operations Management, Data Center Automation Training strategies, and Hybrid Cloud Management solutions. The course emphasizes Service Management Automation, Real-Time IT Monitoring, and Incident Response for ITOM using case-based instruction and simulation. Attendees will gain hands-on understanding of Firewall Monitoring and Management, SLA and Ticket Management, and Enterprise IT Automation to meet high availability and security standards. This course delivers an actionable roadmap for ITOM Process Mapping, Backup and Recovery in ITOM, Risk Management, and Disaster Recovery Planning.

## Target Audience:

- IT Operations Managers
- Network and System Administrators
- Data Center Managers
- Site Reliability Engineers SREs
- Infrastructure and Platform Engineers
- IT Compliance and Risk Officers
- Cloud and Hybrid Environment Leads

## Targeted Organizational Departments:

- IT Operations
- Network Management
- Data Center Management
- IT Risk & Compliance
- Infrastructure Services
- Cloud Operations
- Business Continuity & Disaster Recovery Teams



### Targeted Industries:

- Information Technology and Services •
- Financial Services •
- Telecommunications •
- Healthcare and Hospitals •
- Government Agencies •
- Energy and Utilities •
- Manufacturing and Smart Factories •

### Course Offerings:

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

- Design and implement ITOM frameworks using real-world case studies. •
- Leverage IT Operations Console and ITOM Framework. •
- Apply best practices in IT Network Configuration Training and Firewall Monitoring. •
- Execute capacity planning and backup strategies to achieve high availability. •
- Develop change and incident management workflows. •
- Integrate ITOM Tools and Frameworks with AIOps and Real-Time Monitoring systems. •
- Improve access control and server management across hybrid environments. •
- Create ITOM policies aligned with SLA and Ticket Management protocols. •

### Training Methodology:

This course utilizes a blended learning model incorporating hands-on labs, case studies, interactive group activities, and simulation exercises. Each session begins with a theoretical briefing followed by scenario-based activities. Participants will engage in policy development workshops, dashboard evaluations, and incident recovery drills to strengthen understanding. Service Management Automation and Secure IT Operations Training techniques are introduced through peer discussion and collaborative project work. The methodology ensures participants gain not just theoretical knowledge but the ability to apply it in complex, hybrid, and enterprise-level environments, covering topics like Backup and Recovery in ITOM, ITOM Risk Management, and High Availability Infrastructure Design.

### Course Toolbox:

- Case study packets •
- Policy design templates for ITOM •
- ITOM process mapping checklists •
- Real-time monitoring simulation tools non-software •
- Glossary of tools and ITOM terminology •
- ITOM scenario narratives and incident response guides •
- Console structure examples illustrative only •

### Course Agenda:

#### Day 1: ITOM Foundations & Frameworks

- Introduction to Strategic IT Operations Management Topic 1: •
- ManageEngine ITOM Framework: Monitoring, Operations & Stability Topic 2: •
- Setting Up Real-Time IT Monitoring Apparatus Topic 3: •
- Network Operations Center NOC and Zorro Team Roles Topic 4: •
- Data Center Performance and Availability Monitoring Topic 5: •
- Visualization Tools: Dashboards, Service Maps, Event Alerts Topic 6: •
- Review of monitoring architecture, visibility tools, and response planning Reflection & Review: •

#### Day 2: Operational Management and Infrastructure Control

- Server and OS Management: Preparation, Installation & Hardening Topic 1: •
- Troubleshooting Techniques and Escalation Procedures Topic 2: •
- Access Control: Physical, Logical, and Sensitive Access Topic 3: •
- Device Configuration & Change Management Procedures Topic 4: •
- SLA Enforcement and Ticket Resolution Lifecycle Topic 5: •
- Tools for Traffic Monitoring and Log Analysis Topic 6: •
- Operational troubleshooting, compliance, and continuous access control Reflection & Review: •

#### Day 3: Stability, Backup, and Risk Management

- Capacity Planning: Server Pooling & Predictive Procurement Topic 1: •
- Backup & Recovery Strategies for DCs and Network Devices Topic 2: •
- Disaster Recovery Protocols: Internal & External Redundancy Topic 3: •
- Risk Management: Hardware, Downtime, and Data Security Controls Topic 4: •
- Secure IT Operations: Policy and Automation Topic 5: •
- SLA Violation Tracking and Response Optimization Topic 6: •
- Analyzing stability frameworks and securing ITOM resiliency Reflection & Review: •

#### Day 4: Automation, Change, and Incident Handling

- Incident Detection and Root Cause Mapping Topic 1: •
- IT Change Management Lifecycle Topic 2: •
- Service Management Automation Processes Topic 3: •
- Enterprise IT Automation: Integrating Tools & Workflows Topic 4: •
- Hybrid Cloud Management & Infrastructure Compliance Topic 5: •
- Real-World ITOM Case Study Discussions Topic 6: •
- Incident response workflows and automation readiness Reflection & Review: •



## Day 5: Optimization, Policy Design, and Continuous Improvement

- Performance Metrics: SLA Analytics and Ticket-Based KPIs Topic 1:
- ITOM Policy Design for Scalable Enterprise Environments Topic 2:
- Process Narratives and Role-Based Access Strategies Topic 3:
- ITOM Process Mapping and Documentation Topic 4:
- Preparing for ITOM Certification and Strategic Scaling Topic 5:
- Final Scenario Simulation: Multi-layered ITOM Challenge Topic 6:
- Consolidated capstone exercise and final strategy presentation Reflection & Review:

## FAQ:

What specific qualifications or prerequisites are needed for participants before enrolling in the course?

This course is designed for IT professionals with basic to intermediate experience in operations, infrastructure, or systems administration. Familiarity with network, server, and monitoring concepts is recommended.

How long is each day's session, and is there a total number of hours required for the entire course?

Each day's session is generally structured to last around 4-5 hours, with breaks and interactive activities included. The total course duration spans five days, approximately 20-25 hours of instruction.

What is the difference between internal and external redundancies in disaster recovery?

Internal redundancies distribute infrastructure within the same data center to prevent failure from affecting overall operations. External redundancies rely on a geographically separate disaster recovery DR data center that can take over in case the main DC experiences a critical failure.

## How This Course is Different from Other Strategic IT Operations Courses:

This course stands out by aligning real-world applications with structured ITOM theory based on enterprise-level playbooks. Unlike traditional courses that focus on ITIL basics or abstract frameworks, this program delivers actionable insights from IT Operations Management Training, Network Operations Management, and Hybrid Cloud Management strategies. It integrates incident response, firewall monitoring, AIOps, SLA enforcement, and capacity planning into a cohesive learning path. Participants engage in scenario-based simulations, policy design workshops, and hands-on process mapping that reflect true enterprise-scale IT challenges. While it references tools like ZAC, ServiceDesk, and EventLog Analyzer, the course emphasizes the conceptual frameworks and application contexts behind them. It supports readiness for ITOM Certification and equips learners to drive Business Continuity ITOM and Secure IT Operations across hybrid and cloud-based infrastructures. With daily reviews and capstone exercises, it delivers both operational depth and strategic breadth.



## فئات الدورات التدريبية



HR TRAINING & DEVELOPMENT

دورات إدارة و تطوير الموارد البشرية



دورات إدارة و تحليل البيانات ودورات علم البيانات



دورات إدارة الجودة وتطوير العمليات



الدورات التدريبية في مجال البيئة والاستدامة



دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات



دورات التدريب القانوني والمشتريات والتعاقدات



دورات الاتصال الجماهيري و السياسات والعلاقات العامة



دورات النظم السيرياني ودورات تقنية المعلومات



دورات الصيانة ودورات المجالات الهندسية المتنوعة



دورات الصحة والسلامة والأمن المهني



دورات السكرتارية و إدارة المكاتب



دورات الحوكمة وإدارة المخاطر والامتثال



## فئات الدورات التدريبية



دورات معتمدة بشهادة CPD



دورات في مجالات القيادة والإدارة



دورات المهارات الشخصية وتطوير الذات



دورات المحاسبة و التمويل و دورات الإدارة  
الهائية



دورات مكتب إدارة المشاريع وإدارة المشاريع  
الرشيقية



دورات معتمدة من قبل هيئات دولية

## مدن التدريب



اسطنبول - تركيا



أمستردام - هولندا



أنقرة - تركيا



أثينا - اليونان



الرياض - المملكة العربية السعودية



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



باريس - فرنسا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



براغ - جمهورية التشيك



بانكوك - تايلاند



بالي - جمهورية إندونيسيا



باكو - أذربيجان

## مدن التدريب



جاكرتا - جمهورية اندونيسيا



تيليسي - جورجيا



بوكيت - تايلاند



برشلونة - اسبانيا



روما - ايطاليا



دبي - الامارات العربية المتحدة



جوهانسبرغ - جنوب افريقيا



جنيف - سويسرا



شهر الشيخ - مصر



سيول - كوريا الجنوبية



سان دييغو - الولايات المتحدة  
الامريكية



زنجار - تنزانيا



طوكيو - اليابان



طشقند - اوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة  
الامريكية

## مدن التدريب



كوالالمبور - ماليزيا



فيينا - النمسا



عن بعد - منصة زووم



عمان - المملكة الأردنية الهاشمية



ماربيا - اسبانيا



لندن - المملكة المتحدة



لانكاوي - ماليزيا



كيب تاون - جنوب إفريقيا



ميلان - إيطاليا



مونترال - سويسرا



مسقط - سلطنة عمان



مدريد - إسبانيا



نيس - فرنسا



نيروبي - كينيا



ميونخ - ألمانيا

# 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.



**AGILE LEADERS**  
Training Center

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