



CERTIFIED DCOS LEAD IMPLEMENTER

Introduction

Modern data centres are under constant pressure: 24/7 uptime expectations, increasing system complexity, skills shortages, compliance demands, and zero tolerance for human error. Many operational incidents are not caused by technology failure, but by inconsistent processes, unclear roles, and undocumented procedures. Without a structured operations framework, risks multiply, leading to downtime, safety incidents, and inefficient day-to-day operations.

The Certified DCOS Lead Implementer (CDLI[®]) course addresses these challenges by equipping professionals with the knowledge and practical skills to implement the EPI Data Centre Operations Standard (DCOS[®]) effectively.

Through a structured, real-world approach, participants learn how to translate DCOS[®] requirements into actionable policies, procedures, and controls, enabling safer, more resilient, auditable, and consistently operated data centres.

Audience

The primary audience for this three-day course includes data centre specialists, facilities/operations managers, project managers and data centre consultants who work in and around data centres and are responsible for ensuring and enhancing their availability and manageability.

Prerequisites

Participants are required to hold a valid CDFOS[®] certification. CDFOM[®] certification is highly beneficial but not mandatory.

Global Accreditation & Recognition



Course Benefits ☒

After completion of the course the participant will be able to:

- ☒ Design, implement, and sustain a structured, standards-based data centre operations environment
- ☒ Understand the EPI Data Centre Operations Standard (DCOS[®]) and its practical application
- ☒ Reduce operational risk through consistent processes, roles, and controls
- ☒ Improve uptime, safety, and incident prevention
- ☒ Enhance audit readiness and regulatory compliance
- ☒ Enhance team performance through defined responsibilities and documented procedures
- ☒ Gain practical skills to lead DCOS[®] implementation projects end-to-end
- ☒ Gain additional professional credibility as a certified operations lead

- **Introduction to Data Centre Operations Management**
 - Data centre management and operations
 - Evolution of data centre management
 - The cost and effects of data centre downtime
 - The benefits of data centre management
- **DCOS® – Key Concepts and Principles**
 - Data centre management and operations
 - DCOS® scope
 - Maturity levels
 - Progressive improvement
 - ISO alignment
 - DCOS® vs. ISO
- **Terms and Definitions**
 - Terms and definitions
 - Terms and definitions explained
- **Identification of Current State**
 - Identify the current state
- **Project Management**
 - Obtaining senior management approval
 - Leadership
 - Managing organisational change
 - Communication
 - Skill sharing
 - Support and motivation
 - Project plan
- **Key Elements for DCOS® Implementation**
 - Select a scope
 - Identify the maturity level
 - Implementation approach
 - Roles and responsibilities
 - Performing a gap analysis
 - Developing / updating documentation
 - Document management system
 - Training and awareness
 - Operating the scope
 - Monitor and control
- **Implementation of the Data Centre Operations Standard**
 - Management System
 - Service Level Management
 - Organisation
 - Safety and Crisis Management
 - Security Management
 - Project Management
 - Facilities Management
 - Data Centre Operations
 - Environmental Sustainability
 - Monitoring / Reporting / Control
 - Organisational Resilience
 - Governance, Risk and Compliance
- **Preparing for Certification Audit**
 - Monitor and control
 - Evidence gathering
 - Internal audit
 - Request third-party certification audit
- **Certification Audit Process**
 - Proposal and audit agreement
 - Audit process
 - DCOS® audit report
 - Corrective Actions Report (CAR)
 - Certification
- **Certification and Maintenance**
 - The full audit cycle
 - Issuing DCOS® certification
 - Requirements of the certificate
 - Registration of certificate
 - Surveillance audit
 - Recertification audit
 - Transition (conversion) audit
- **EXAM: Certified DCOS Lead Implementer**



Delivery Structure and Methods

The CDLI® course is lectured by an EPI Certified Instructor using a combination of lectures and question-and-answer sessions to discuss participants' specific needs and challenges experienced in their own data centre environments. Participants are able to tap into the extensive experience of the trainer enabling them to validate and improve their own environments thus adding tremendous business value.

CDLI® course is available in the following delivery methods:

- ILT – Instructor Led Training
- VILT – Virtual ILT

Examination

The exam is a 60-minute closed book exam, with 40 multiple-choice questions. The candidate requires a minimum of 27 correct answers to pass the exam.

Certification

Candidates who successfully pass the exam will receive the official 'Certified DCOS® Lead Implementer' certificate. The CDLI® certificate is issued for the DCOS® version current at the time, which the candidate tested for. The certificate itself does not expire and stays relevant only for the stated DCOS® version.

Global Accreditation & Recognition

The CDLI® course is accredited by EXIN, which is a global, independent and not-for-profit accreditation and examination provider. EXIN's mission is to improve the quality of the IT and data centre sectors, the proficiency of IT and data centre professionals and the IT users, by means of accreditation of course material as well as independent examination and certification.

Recommended Next Course

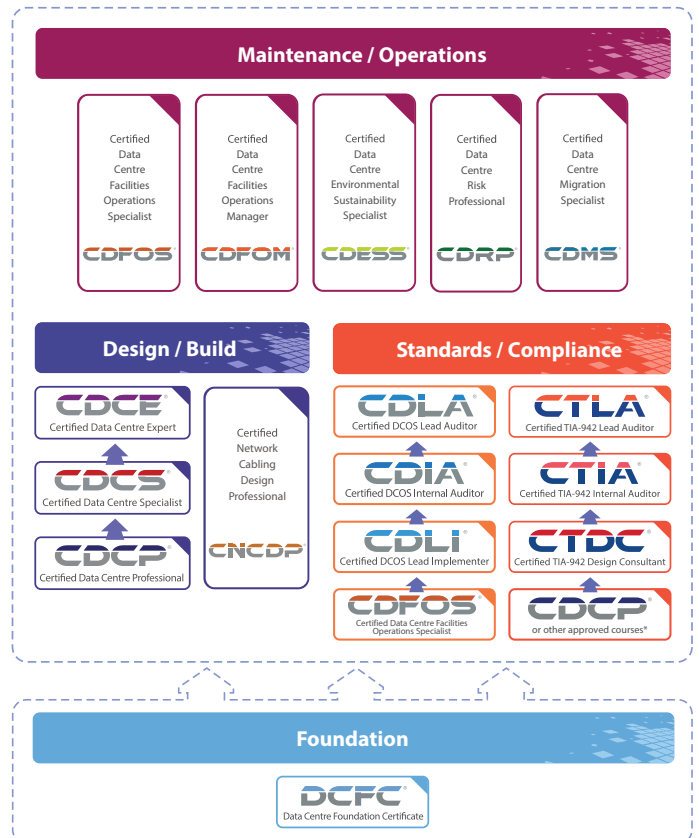
To further extend your skills, we recommend the CDIA® and CDLA® courses. CDIA® enables participants to develop skills and knowledge to conduct an internal audit program by applying widely recognised audit principles, procedures and techniques which are aligned with the ISO-19011 auditing guideline. CDLA® provides the knowledge and skills to become a lead auditor who is able to independently conduct DCOS® conformity audits.

Course Schedule

Our courses are available in over 60 countries across all continents. For a comprehensive course schedule, visit the EPI corporate website at www.epi-ap.com or contact your local authorised reseller/partner.

EPI Data Centre Training Framework®

The EPI Data Centre Training Framework® provides a structured course curriculum for individuals working in and around data centre facilities and data centre operational management. It addresses the various disciplines required to design and manage a high-availability, efficient data centre. EPI's data centre course curriculum is not only the first in the world, it is also by far the largest in the industry. Many companies have specified these courses as prerequisites for their staff working in and around the data centre and use them as part of their career planning initiatives. Recognised globally, these certifications add value to both companies and individuals.



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TÜV NORD GROUP

The Company

EPI – A TÜV NORD GROUP Member is a data centre specialist company of European origin operating world-wide in over 60 countries through direct operations and a large partner network. EPI offers an extensive range of data centre services on auditing, certification and training. EPI's focus is on mission-critical, high-availability environments. Established in 1987, EPI has developed an international reputation for delivering high quality technical expertise, with flexible and innovative services, techniques and methodologies.

All our services are aimed at helping our customers to:

- Increase **Availability** of their mission-critical infrastructure
- Improve **Efficiency, Effectiveness and Manageability**
- **Minimise risk** of business interruption

Our Clients share a common need to protect their valuable data, run their mission-critical infrastructure efficiently and to be protected on a 24 x 7 basis. By protecting the interests of our customers, EPI is committed to an intensive program of comprehensive services development backed by engineering and support excellence.

Quality Systems and Procedures have always been at the heart of every stage of our service delivery to ensure consistent and high quality services. We are known for our thoroughness, flexibility and responsiveness. We focus on providing services that fit each organisation and each project with a drive to deliver quality on time, every time.

Let us put our expertise to work for you!

Data Centre Services

Audit & Certification

- Data Centre Standards
 - ANSI/TIA-942
 - EN 50600
 - DCOS®
 - ISO/IEC 22237
- Other International Standards
 - ISO 9001
 - ISO/IEC 27701
 - ISO 14001
 - ISO 37001
 - ISO 14644
 - ISO 45001
 - ISO/IEC 20000-1
 - ISO 46001
 - ISO 22301
 - ISO 50001
 - ISO/IEC 27001
 - PCI DSS
- Other Standards
 - SS 507
 - CBPR
 - SS 564
 - PRP
 - SS 584
 - SCRA
 - DTPM
 - RMIIT

Professional Training & Certifications

- Data Centre
 - CDCA®, DCFC®, CDCP®, CDCS®, CDCE®, CNCDP®, CDFOS®, CDFOM®, CDESS®, CDRP®, CDMS®, CDLI®, CDIA®, CDLA®, CTDC®, CTIA®, CTLA®
- IT
 - CITO®, CITM®, CITD®

Non-Certification Training

- Digital Transformation

Frameworks

- IT&DCF® - IT & Data Centre Framework
- DCCF® - Data Centre Competence Framework
- DCTF® - Data Centre Training Framework
- ITTF - IT Training Framework

Standard

- DCOS® - Data Centre Operations Standard
- MDCS - Modular Data Centre Standard
- SCMDCS - Self-Contained Modular Data Centre Standard
- CRUR® - Computer Room Utilisation Ratio



TÜV NORD GROUP

Tel: + (65) 6829-7027 E-mail: sales@epi-ap.com Website: www.epi-ap.com
Local offices in : China, India, Italy, Japan, LATAM, Malaysia, Middle East, Pakistan, Singapore, The Netherlands, USA

Global Headquarters:

Enterprise Products Integration Pte Ltd

Level 21 Centennial Tower, 3 Temasek Avenue, Singapore 039190.

R26-01

Authorised Reseller/Partner:

Data Centre Academy Asia Inc.

EPI Authorised Training and Audit Partner

174B Bantayan Road Extension, Brgy. Palongon
Taguig City, Metro Manila, 1630, Philippines

T: +63 945 988 3175

E: marketing@dcacademyasia.com

W: www.datacentreacademyasia.com

