Certified Data Centre Migration Specialist (CDMS)

Category: Infrastructure & IT Operations | **Vendor:** EPI

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course is designed to expose participants to a step-by-step methodology which will enable them to reduce the risks involved when undertaking a data centre migration. It will also give participants a lot of valuable practical hints and tips by trainers having extensive experience in moving and consolidating mission critical data centre.

About This Course

This course is designed to expose participants to a step-by-step methodology which will enable them to reduce the risks involved when undertaking a data centre migration. It will also give participants a lot of valuable practical hints and tips by trainers having extensive experience in moving and consolidating mission critical data centre.

Who Should Attend

Participants who have actual experience in the data centre and/or IT infrastructures are best suited. Attendance of the CDCP® course is recommended but not a requirement.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

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

1. Develop and review their data centre strategy
2. Use different risk assessment methodologies together with practical tips specifically for data centre migrations to reduce the risk during a data centre migration
3. Understand different migration strategies
4. Understand the legal aspects when migrating a data centre
5. Understand the importance of Business Service Reviews and Service Level Objectives
6. Size and design the target data centre
7. Understand the importance of detailed discovery and how dependencies influence migration waves
8. Understand the safety requirements during migration
19. Get lots of practical tips when moving to another data centre

Detailed Course Outline

Data Centre Strategy

- Data centre lifecycle
- Reasons to migrate a data centre
- Alternatives to data centre migration
- Consolidation
- Outsourcing
- Cloud computing
- Upgrade existing data centre or build new

Project Management

- Project management and methods
- Scope statement
- Statement Of Work (SOW)
- Work Breakdown Structure (WBS)
- Allocate time to the project
- Cost and estimation methodology
- Project communication

Risk Management

- Risk management and methods
- Risk identification
- Risk assessment methodologies
- Qualitative approach
- Semi-quantitative approach
- Quantitative approach
- Risk evaluation
- Risk treatment
- Risk in data centre migrations

Migration Strategies

- Different data centre migration strategies
- Heterogeneous migration
- Homogeneous migration
- Physical migration
- Different IT transformations
- Pre-migration transformation
- Migration transformation
- Post-migration transformation

Legal Aspects

- Regulatory requirements
- Contractual considerations
- Legal aspects when decommissioning

High Level Discovery & Planning

- The importance of Business Service Reviews
- The concept of Availability
- The concept of Recoverability
- The importance of Service Level Objectives
- Requirements on designing the target IT architecture
- Information needed for high level planning

Design Target Data Centre

- Requirements for the target data centre
- Sizing the data centre
- Architectural requirements
- Cooling requirements
- Power requirements
- Security

Detailed Discovery and Planning

- The importance of discovery
- Automated discovery tools
- Asset management
- Network and system dependencies
- Detailed migration planning
- Migration waves
- Staffing
- Warranties and insurance

Safety

- Safety precautions
- Technical safety review
- Electrical safety
- Lifting
- Personal safety during migration
- Fire safety during migration

Security

- Controversy between access and security
- Access control
- Managing security during migration
- Security during migration
- Key management
- Practical hints and tips
- Continuous improvement

Implementation

- Rehearsal
- Route investigation
- Resourcing
- Logistics team
- Packing
- Transport
- Installing the equipment
- Post migration support

End of Project

- Why project closure
- Lessons learned
- Phased completion of project
- Criteria for project closure
- The outcome of the project
- End of project

Exam: Certified Data Centre Migration Specialist

- Actual course outline may vary depending on offering center. Contact your sales representative for more information.

Additional Course Details

Nexus Humans Certified Data Centre Migration Specialist (CDMS) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Certified Data Centre Migration Specialist (CDMS) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Certified Data Centre Migration Specialist (CDMS)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Certified Data Centre Migration Specialist (CDMS) course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Certified Data Centre Migration Specialist (CDMS) training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Certified Data Centre Migration Specialist (CDMS)?

Yes, we provide corporate training, dedicated training, and closed classes for Certified Data Centre Migration Specialist (CDMS). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Certified Data Centre Migration Specialist (CDMS)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Certified Data Centre Migration Specialist (CDMS) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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