Certified Data Centre Risk Professional (CDRP)

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

Certified Data Centre Risk Professional (CDRP) Instructor led, in person or live online 2 day training course.

Who Should Attend

There is no specific prerequisite for the CDRP® course. However, participants who have at least three years' experience in a data centre and/or IT infrastructures will be best suited.

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. Understand the different standards and methodologies for risk management and assessment
2. Establish the required project team for risk management
3. Perform the risk assessment, identifying current threats, vulnerabilities and the potential impact based on customised threat catalogues
4. Report on the current risk level of the data centre both quantitative and qualitative
5. Anticipate and minimise potential financial impacts
6. Understand the options for handling risk
7. Continuously monitor and review the status of risk present in the data centre
8. Reduce the frequency and magnitude of incidents
9. Detect and respond to events when they occur
10. Meet regulatory and compliance requirements
11. Support certification processes such as ISO/IEC 27001
12. Support overall corporate and IT governance

Detailed Course Outline

Introduction to Risk Management

- Risk management concepts
- Senior management and risk
- Enterprise Risk Management (ERM)
- Benefits of risk management

Data Centre Risk and Impact

- Risk in facility, power, cooling, fire suppression, infrastructure and IT services
- Impact of data centre downtime
- Main causes of downtime
- Cost factors in downtime

Standards, Guidelines and Methodologies

- ISO/IEC 27001:2013, ISO/IEC 27005:2011, ISO/IEC 27002:2013
- NIST SP 800-30
- ISO/IEC 31000:2009
- SS507:2008
- ANSI/TIA-942
- Other methodologies (CRAMM, EBIOS, OCTAVE, etc.)

Risk Management Definitions

- Asset
- Availability/Confidentiality/Integrity
- Control
- Information processing facility
- Information security
- Policy
- Risk
- Risk analysis/Risk assessment/Risk evaluation/
- Risk treatment
- Threat/Vulnerability
- Types of risk

Risk Assessment Software

- The need for software
- Automation
- Considerations

Risk Management Process

- The risk management process
- Establishing the context
- Identification
- Analysis
- Evaluation
- Treatment
- Communication and consultation
- Monitoring and review

Project Approach

- Project management principles
- Project management methods
- Scope
- Time
- Cost
- Cost estimate methods

Context Establishment

- General considerations
- Risk evaluation, impact and acceptance criteria
- Severity rating of impact
- Occurrence rating of probability
- Scope and boundaries
- Scope constraints
- Roles & responsibilities
- Training, awareness and competence

Risk Assessment - Identification

- The risk assessment process
- Identification of assets
- Identification of threats
- Identification of existing controls
- Identification of vulnerabilities
- Identification of consequences
- Hands-on exercise: Identification of assets, threats, existing controls, vulnerabilities and consequences

Risk Assessment - Analysis and Evaluation

- Risk estimation
- Risk estimation methodologies
- Assessment of consequences
- Assessment of incident likelihood
- Level of risk estimation
- Risk evaluation
- Hands-on exercise: Assessment of consequences,
- probability and estimating level of risk

Risk Treatment

- The risk treatment process steps
- Risk Treatment Plan (RTP)
- Risk modification
- Risk retention
- Risk avoidance
- Risk sharing
- Constraints in risk modification
- Control categories
- Control examples
- Cost-benefit analysis
- Control implementation
- Residual risk

Communication

- Effective communication of risk management activities
- Benefits and concerns of communication

Risk Monitoring and Review

- Ongoing monitoring and review
- Criteria for review

Risk scenarios

- Risk assessment approach
- Data centre site selection
- Data centre facility
- Cloud computing
- UPS scenarios
- Force majeure
- Organisational shortcomings
- Human failure
- Technical failure
- Deliberate acts

Exam: Certified Data Centre Risk Professional

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

Additional Course Details

Nexus Humans Certified Data Centre Risk Professional (CDRP) 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 Risk Professional (CDRP) 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 Risk Professional (CDRP)?

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 Risk Professional (CDRP) 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 Risk Professional (CDRP) 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 Risk Professional (CDRP)?

Yes, we provide corporate training, dedicated training, and closed classes for Certified Data Centre Risk Professional (CDRP). 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 Risk Professional (CDRP)?

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 Risk Professional (CDRP) 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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