Certified Data Center Professional (CDCP)

Duration : 2 Days

Course Content

This 2-day course is designed to expose participants to the key components of the data centre. CDCP training will address how to setup and improve key aspects such as power, cooling, security, cabling, safety etc. to ensure a hi-available data centre. CDCP training will also address key operations and maintenance aspects.

Course Objectives

After completing this course, students will be able to:

- Describe all components important for high availability in a Data Center
- Describe the various technologies for UPS, fire suppression, cooling, monitoring systems,
- Review the electrical distribution system to avoid costly downtime
- Enhance cooling capabilities and efficiency in the Data Centre
- Design a highly reliable and scalable network architecture
- Create effective maintenance contracts with equipment suppliers
- Setup effective Data Centre monitoring ensuring the right people get the right message
- Ensure proper security measures.

Who Should Attend

Participants who have any involvement in Data Center 's operations and have the need to understand the key components and aspects of mission critical Data Center facilities operation and maintenance.

Course Outline

- The Data Centre, its Importance and causes for downtime
- Data Centre Standards and Best Practices
- Data Centre Location, Building and Construction

- Raised Floor/Suspended Ceiling
- Light
- Power infrastructure
- Electro Magnetic Fields
- Cooling infrastructure
- Water Supply
- Designing a Scalable Network Infrastructure
- Fire Suppression
- Data Centre Monitoring
- Operational Security and Safety Practices
- Labelling
- Documentation
- Cleaning
- MTBF / MTTR
- Maintenance Contracts / SLA / OLA
- Mock Exam