

CDCP関連問題資料、CDCP資格取得



Introduction
With few exceptions, enterprises today rely on IT for the delivery of business-critical services - often directly to the end consumer. It is therefore vital that the mission-critical data centre is designed, maintained and operated with high-availability and efficiency in mind. However, the fact is most data centres do not meet the full availability, capacity, safety or efficiency requirements that are often demanded. The ever-changing technologies places even greater pressure on data centre managers along with the faster pace at which these changes are required.

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

Roadmap



Audience
The primary audience for this course is any IT, facilities or data centre professional who works in and around the data centre and who has the responsibility to achieve and improve the availability and manageability of the data centre.

Prerequisites
There is no specific prerequisite for the CDCP® course. However, participants who already have at least one or two years' experience in a data centre or facilities environment may be best suited. Those with no experience just yet are most welcome to participate.

Global Accreditation & Recognition



Course Benefits

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

- ✓ Choose an optimum site for mission-critical data centre based on current and future needs
- ✓ Describe all components that are important for high-availability in a data centre and how to effectively setup the data centre
- ✓ Name and apply the various industry standards
- ✓ Describe the various technologies for UPS, fire suppression, cooling, monitoring systems, cabling standards, etc. and to select and apply them effectively to cost-efficiently enhance the high-availability of the data centre.
- ✓ Review the electrical distribution system to avoid costly downtime
- ✓ Enhance cooling capabilities and efficiency in the data centre by using existing and new techniques and technologies for the increased cooling requirements of the future
- ✓ Design a highly reliable and scalable network architecture and learn how to ensure installers apply proper testing techniques
- ✓ Setup effective data centre monitoring ensuring the right people get the right message
- ✓ Ensure proper security measures, both procedural and technical, are established to safeguard your company's valuable information in the data centre
- ✓ Select equipment racks and components suitable for ICT equipment and its cooling requirements
- ✓ Select the correct light levels for the various areas of the data centre.
- ✓ Select appropriate fire safety/protection controls to detect and suppress potential fire.

さらに、MogiExam CDCP ダンプの一部が現在無料で提供されています: https://drive.google.com/open?id=1-y5Sx5s_2oEd262q7CVa9pBoRy7q2Ugw

MogiExamは、認定資格を取得し、社内でもより重要な地位を獲得することで、希望するより高い給与を達成するための最良かつ最速の方法を提供します。低品質のCDCP試験資料が会社に不信感をもたらす可能性があるという信念があるためです。CDCP学習の質問は、メリットに満ちた否定できない優れた製品です。したがって、CDCP試験の資料は、私たち自身のイメージを高めることができます。一方、当社のCDCP試験の教材は、複雑な知識の本質をつかむのに役立つ非常に効果的です。

EXIN CDCP 認定試験の出題範囲:

トピック	出題範囲
トピック 1	• スケーラブルなネットワーク インフラストラクチャの設計: ANSI • TIA-942 ケーブル配線階層、ネットワーク冗長性、構造化ケーブル配線システム、および計画上の考慮事項について説明します。
トピック 2	• 電力インフラストラクチャ: ATS および STS システム、冗長性のレベルと技術、静的および動的 UPS システム、バッテリーの種類、サーモグラフィ、再生可能エネルギー係数 (REF) に重点を置いています。
トピック 3	• データ センターの場所、建物、建設: 効果的なデータ センターとサポート施設のセットアップの適切な場所とコンポーネントに焦点を当てます。

トピック 4	物理的なセキュリティと安全性: サブトピックは、物理的なセキュリティの考慮事項と物理的な安全性の考慮事項に関するものです。
トピック 5	- 機器ラック: 電源レール - ストリップのオプション、セキュリティ上の考慮事項、ラックの標準、特性、選択基準について説明します。
トピック 6	- 火災安全 - 防護: このトピックでは、消火、検知システム、全浸水消火技術、および手持ち消火器の基準について理解を深めます。さらに、標識と安全性についても取り上げます。
トピック 7	電磁場: このトピックでは、電磁場が人体や機器に与える影響 (H)EMP、標準、および電磁場シールドソリューションについて扱います。
トピック 8	照明: このトピックでは、照明器具の種類と配置、非常照明、非常電源 (EPS) について説明します。
トピック 9	給水: このトピックでは、給水技術と応用分野について説明します。
トピック 10	補助システム: このトピックでは、水漏れ検出システム、データセンター監視要件、EMS、BMS、DCIM について説明します。
トピック 11	- 上げ床 - 吊り天井: このトピックでは、適用される基準、信号参照グリッド、障害者法および規制について説明します。

>> CDCP関連問題資料 <<

EXIN CDCP資格取得、CDCP関連試験

MogiExam のEXINのCDCP問題集はシラバスに従って、それにCDCP認定試験の実際に従って、あなたがもっとも短い時間で最高かつ最新の情報をもらえるように、弊社はトレーニング資料を常にアップグレードしています。弊社のCDCPのトレーニング資料を買ったら、一年間の無料更新サービスを差し上げます。もっと長い時間をもらって試験を準備したいのなら、あなたがいつでもサブスクリプションの期間を伸ばることができます。

EXIN Certified Data Centre Professional (CDCP) 認定 CDCP 試験問題 (Q70-Q75):

質問 # 70

What is the current recommended temperature for ICT equipment as described in the ASHREA TC 9.9 guideline?

- A. 18-27 C (64.4 - 80.6°F)
- B. 25-45 °C (77 - 113 °F)
- C. 20-40 °C (68 - 104 °F)
- D. 8-18 C (46.4 -64.4 °F)

正解: A

解説:

The current recommended temperature for ICT equipment as described in the ASHRAE TC 9.9 guideline is 18-27 C (64.4 - 80.6°F). This is the recommended range for the dry-bulb temperature at the inlet of the servers, which is the most critical parameter for ensuring the optimal performance and reliability of the ICT equipment. The recommended range is based on the thermal specifications of the majority of the ICT equipment in the market, as well as the energy efficiency and environmental considerations of the data centre cooling systems. The recommended range is suitable for Classes A1 to A4 of the ASHRAE thermal guideline classes, which cover different types and generations of ICT equipment.

References:

1: 2021 Equipment Thermal Guidelines for Data Processing Environments - ASHRAE2, page 1, Table 2.1 3:

質問 # 71

is the ability of a system or component to perform its required functions under stated conditions for a specified period of time.

- A. Availability
- **B. Reliability**
- C. Agility
- D. Scalability

正解: B

解説:

According to the IEEE definition, reliability is the ability of a system or component to perform its required functions under stated conditions for a specified period of time. Reliability is a measure of how often a system or component fails, and how long it takes to recover from a failure. Reliability is closely related to availability, which is the degree to which a system or component is operational and accessible when required for use. Reliability and availability are both affected by factors such as design, maintenance, testing, and environmental conditions.

References: EPI Data Centre Training Framework, CDCP Preparation Guide, Reliability engineering - Wikipedia

質問 # 72

When dealing with glass door racks, cool air is injected into the rack from:

- A. The bottom of the rack.
- B. The front door in a downflow direction.
- C. The top of the rack through the fans and vents mounted inside the rack.
- **D. The rear door in a downflow direction.**

正解: D

質問 # 73

What is a requirement for both CCTV cameras and recording equipment?

- A. They must be of the same brand.
- **B. Both must be connected to a UPS.**
- C. CCTV cameras can only be used to cover the outside of the building, where as the recording equipment needs to be located in a secure area.
- D. Both must be placed inside the Computer room.

正解: B

解説:

A UPS (Uninterruptible Power Supply) is a device that provides backup power to electrical equipment in case of a power outage or fluctuation. A UPS is essential for both CCTV cameras and recording equipment, as it ensures that the surveillance system can continue to operate and record without interruption or data loss. A UPS can also protect the CCTV cameras and recording equipment from damage caused by power surges or spikes. Connecting both CCTV cameras and recording equipment to a UPS is a requirement for data centres, as it enhances the security and reliability of the surveillance system.

References: Technical Specification - GeM, [What is a UPS? | Uninterruptible Power Supply | APC by Schneider Electric], [Why You Need a UPS for Your CCTV System - CCTV Camera World].

質問 # 74

Starting from which Rating does the requirement of Concurrently Maintainability becomes relevant?

- **A. Rated-3**
- B. Rated-1

- [illegible]

BONUS!!! MogiExam CDCPダンプの一部を無料でダウンロード: https://drive.google.com/open?id=1-y5Sx5s_2oEd262q7CVa9pBoRy7q2Ugw