素晴らしいCDCS無料サンプル &合格スムーズCDCS対応受験 |高品質なCDCS試験勉強過去問

P.S. Xhs1991がGoogle Driveで共有している無料かつ新しいCDCSダンプ：https://drive.google.com/open?id=13IaSkzFuNaBWoE-5B11kAIAPLtvuezjL

あなたの目標はとても高いですから、あなたに色々なヘルプをあげられる資料が必要です。Xhs1991 EXINのCDCS試験問題集はあなたが自分の目標を達成することを助けられます。Xhs1991 EXINのCDCS問題資料は高度に認証されたIT領域の専門家の経験と創造を含めているものです。当社の製品は、すべての可能性のある問題を試させられます。受験生の皆様に問題の１００パーセント真実な解答を提供することを保証します。

EXIN CDCS 認定試験の出題範囲:

トピック	出題範囲
トピック 1	• データ センターのライフ サイクルと標準: 試験のこのセクションでは、データ センターの専門家のスキルを測定し、計画と設計から実装と廃止まで、データ センターのライフ サイクルに関係するさまざまな段階をカバーします。
トピック 2	• データ センターの設計と実装: このモジュールの試験では、データ センターの設計と実装を担当する Exin データ センター プロフェッショナルの知識を評価します。受験者は、スケーラビリティ、冗長性、セキュリティの考慮など、効率的なデータ センター レイアウトを作成するための重要な原則を学習します。
トピック 3	• データ センターの環境配慮と効率: このセクションでは、データ センター運用における環境要因への対応と効率化の促進に関するデータ センター専門家の能力を評価します。データ センター管理者やエンジニアなどの対象者は、エネルギー効率、冷却管理、持続可能な実践を強化する対策を特定して実装する能力がテストされます。

>> CDCS無料サンプル <<

試験の準備方法-有難いCDCS無料サンプル試験-完璧なCDCS対応受験

ほとんどの労働者の基準はますます高くなっています。 CDCSガイドの質問にも高い目標を設定しました。私たちのトレーニング資料は、顧客の関心を他のポイントよりも前面に置き、高度なCDCS学習資料に常に取り組んでいます。これまで、最も複雑なCDCSガイドの質問を簡素化し、簡単な操作システムを設計しました。CDCS試験問題の自然でシームレスなユーザーインターフェイスは、より流fluentに成長しました。使いやすさ。

EXIN EPI Certified Data Centre Specialist 認定 CDCS 試験問題 (Q42-Q47):

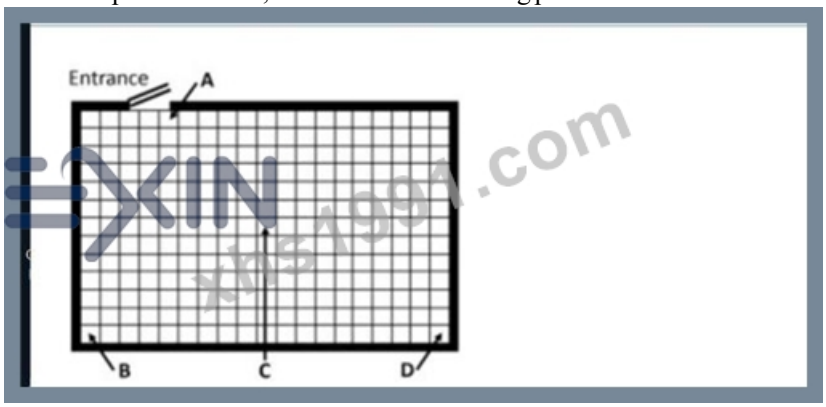
質問 # 42
Three data centers are benchmarked on facilities energy efficiency.
Data center A has achieved a PUE of 2.45.
Data center B has achieved a PUE of 1.20.
Data center C has achieved a PUE of 1.90.
Which of the data centers is operating at the highest facility efficiency?

- A. Data center C
- B. PUE does not indicate efficiency
- C. Data center B
- D. Data center A

正解：D

解説：
A Power Usage Effectiveness (PUE) of 1.20 (achieved by Data Center B) indicates the highest facility efficiency among the three data centers. A lower PUE value signifies better energy efficiency, as it means that a greater proportion of the total energy consumed is used directly for IT equipment rather than for cooling, lighting, or other facility needs.
Detailed Explanation:
PUE is calculated as the ratio of total facility energy to IT equipment energy. A PUE close to 1.0 suggests that almost all the energy is dedicated to computing processes, with minimal overhead. With PUE values of 2.45, 1.20, and 1.90, Data Center B (1.20) operates most efficiently by devoting a higher percentage of its total energy to IT equipment.
EPI Data Center Specialist References:
The EPI curriculum emphasizes PUE as a key metric for data center efficiency, with lower values representing better performance. Achieving a PUE near 1.0 aligns with industry best practices for energy-efficient data center design and operation.

質問 # 43
From the options indicated, what is the correct starting point for the raised floor installation?



- A. Point D
- B. Point A
- C. Point C
- D. Point B

正解：D

解説：
When installing a raised floor, the best starting point is typically from the farthest corner away from the entrance, in this case, Point B. This method allows for the floor installation to progress towards the entrance, ensuring that workers can avoid walking over the newly installed tiles, thus minimizing the risk of damage and maintaining cleanliness during installation.
Detailed Explanation:
Starting at the farthest corner (Point B) and working towards the entrance (Point A) is a standard practice in raised floor installation. This approach ensures that installers do not walk over freshly laid tiles, which could lead to shifting or misalignment. Additionally, it allows for more controlled placement and alignment, as well as convenient egress when installation is complete.
EPI Data Center Specialist References:
EPI guidelines for raised floor installation emphasize beginning at the farthest point from the entrance and working back towards it,

which aligns with industry best practices for efficiency and quality assurance. This method reduces potential damage and supports precise alignment across the floor area.

質問 # 44
A new facility requires electrical distribution of 100A to be installed in the computer room, 1 m (3 ft) above sensitive IT equipment. What type of system minimizes EMF impact?

- A. Install bus bar trunking
- B. Install single-phase power cabling
- C. Install three-phase power cabling based on three individual core wires
- D. Install three-phase power cabling based on a combined cable (e.g., XLPE)

正解：D

解説：
Electromagnetic fields are generated by current-carrying conductors. To minimize stray EMF, phase conductors should be physically close and balanced. A three-phase combined cable (all phase conductors and neutral in one sheath) ensures magnetic fields cancel each other due to phase opposition.
If phases are run separately (answer B), the separation increases loop area and magnetic field leakage. Single- phase cabling (A) is even worse because current does not balance across three phases. Bus bar trunking (C) provides physical support but often separates conductors, which may worsen EMF if not specifically shielded.
Therefore, the correct solution is three-phase combined cable (often XLPE-insulated). This design reduces EMF impact to within ANSI/TIA-942 and IEEE recommendations.
References: IEEE Std 141 (Red Book - Power Distribution), ANSI/TIA-942-B §6.6.4, IEC 60364 (Wiring Systems and EMF).

質問 # 45
What is the main reason to install Earth Leakage protection?

- A. Improvement of the data center grounding/earthing system
- B. Protection of ICT equipment against high-frequency noise currents
- C. Protection against lightning strikes
- D. Protection of human lives

正解：D

解説：
Earth Leakage Protection is primarily installed to protect human lives by detecting and disconnecting power when a fault current flows to the ground. This type of protection is essential to avoid electrical shock hazards that could occur when insulation fails, or equipment is improperly grounded.
Detailed Explanation:
Earth leakage currents can occur due to insulation faults or accidental contact with live parts. Earth Leakage Protection systems, such as Residual Current Devices (RCDs), quickly detect these faults and disconnect the circuit to prevent harm to personnel. This is especially crucial in environments like data centers where high-powered equipment is continuously running and any electrical fault can pose significant safety risks.
EPI Data Center Specialist References:
EPI emphasizes that human safety is paramount in data center operations. Proper grounding and leakage protection are fundamental safety measures, and EPI guidelines align with this focus, underscoring the importance of protecting personnel from electrical hazards through appropriate safety systems.

質問 # 46
A computer room needs to be fitted out with a gas-based fire suppression system. The computer room will be a high-density data center with about 30% of the racks being closed circuit cooling blade-center racks.
Should the supplier of the fire suppression system be informed on the design of the racks?

- A. Yes, the design of the racks has an influence on the fire suppression system design.
- B. No, cooling and design of racks have no influence on the fire suppression system design.
- C. Only when the rack height obstructs a potential fire suppression release point.

- D. Only when the racks might block access to the fire panel.

正解：A

解説：
The design and configuration of racks, particularly high-density and closed-circuit cooling racks, directly impact the fire suppression system design. Closed-circuit cooling racks, like blade-center racks, can affect airflow and potentially trap heat, influencing how fire suppression agents are distributed within the space. Therefore, it is essential to inform the fire suppression system supplier about the rack design to ensure effective coverage and proper agent distribution.
Detailed Explanation:
High-density racks can change how smoke and heat travel, which in turn affects fire detection and suppression. Closed racks with built-in cooling can isolate airflow, requiring adjustments in fire suppression design to ensure that suppression agents reach all necessary areas, including within enclosed spaces. The supplier may need to account for these factors to ensure proper protection coverage.
EPI Data Center Specialist References:
The EPI Data Center Specialist training underscores that fire suppression systems must be tailored to the specific environmental characteristics of the data center. The design of racks, particularly high-density configurations, should always be considered to ensure that suppression agents can effectively control a fire, even in contained rack spaces.

質問 # 47
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尊敬され、高い社会的地位を獲得することは、おそらくあなたが常に望んでいることです。しかし、それを達成したい場合は、特定の分野で優れた能力と深い知識を所有する必要があります。 CDCS認定に合格すると、それが証明され、目標を実現するのに役立ちます。CDCSクイズ準備を購入すると、CDCS試験に合格できます。当社の製品は専門家によって編集され、長年の経験を持つ専門家によって承認されています。Xhs1991購入前に、最新のCDCSクイズトレントを無料でダウンロードして試用できます。