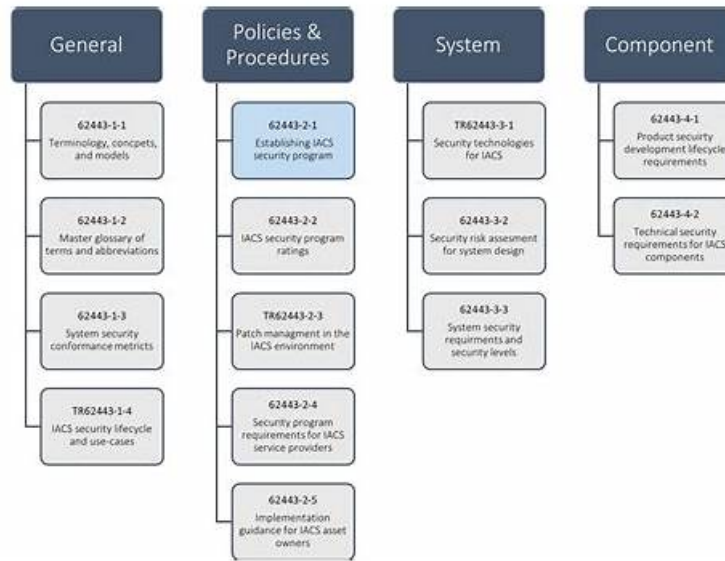


최신ISA-IEC-62443합격보장가능공부자료인증시험대비공부문제



그 외, DumpTOP ISA-IEC-62443 시험 문제집 일부가 지금은 무료입니다: https://drive.google.com/open?id=1ESxy_BerEkJ6XRa8omUIQV9H4i3QUq9

DumpTOP는 많은 분들이ISA인증ISA-IEC-62443시험을 응시하여 성공하도록 도와주는 사이트입니다DumpTOP의 ISA인증ISA-IEC-62443 학습가이드는 시험의 예상문제로 만들어진 아주 완벽한 시험자료입니다. ISA인증ISA-IEC-62443시험은 최근 가장 인기있는 시험으로 IT인사들의 사랑을 독차지하고 있으며 국제적으로 인정해주는 시험이라 어느 나라에서 근무하나 제한이 없습니다. DumpTOP로 여러분은 소유하고 싶은 인증서를 빠른 시일내에 얻게 될것입니다.

우리DumpTOP 에서 제공하는 학습가이드에는 IT전문가들이 만들어낸 시험대비 자료들과ISA ISA-IEC-62443인증 시험의 완벽한 문제와 답들입니다. 그리고 우리DumpTOP에서는 IT업계에서의 높은 신뢰감으로 여러분들한테 100%보장을 드립니다. 우리에게 믿음을 드리기를 위하여ISA ISA-IEC-62443관련자료의 일부분 문제와 답 등 샘플을 무료로 다운받아 체험해볼수 있게 제공합니다.

>> ISA-IEC-62443합격보장 가능 공부자료 <<

ISA-IEC-62443적중을 높은 인증시험덤프 - ISA-IEC-62443최고품질 덤프 자료

ISA ISA-IEC-62443인증시험은 전문적인 관련지식을 테스트하는 인증시험입니다. DumpTOP는 여러분이ISA ISA-IEC-62443인증시험을 통과할 수 있도록 도와주는 사이트입니다. 여러분은 응시 전 저희의 문제와 답만 잘 장악한다면 빠른 시일 내에 많은 성과가 있을 것입니다.

최신 ISA Cybersecurity ISA-IEC-62443 무료샘플문제 (Q81-Q86):

질문 # 81

In a defense-in-depth strategy, what is the purpose of role-based access control?

Available Choices (select all choices that are correct)

- A. Ensures that users can access systems from remote locations
- B. Ensures that users correctly manage their username and password
- C. Ensures that users can access only certain devices on the network
- D. Ensures that users can access only the functions they need for their job

정답: D

설명:

Role-based access control (RBAC) is a method of restricting access to resources based on the roles of individual users within an organization. RBAC assigns permissions and responsibilities to roles, rather than to individual users, and then assigns users to those roles. This way, users can only perform the actions that are relevant and necessary for their role, and not access or modify any other resources that are beyond their scope of authority. RBAC is one of the security countermeasures that can be implemented in a defense-in-depth strategy, which is a layered approach to protect industrial automation and control systems (IACS) from cyber threats. RBAC can help prevent unauthorized access, misuse, or sabotage of IACS resources, as well as reduce the risk of human error or insider attacks.

References:

ISA/IEC 62443-3-3:2013, Security for industrial automation and control systems - Part 3-3: System security requirements and security levels, Clause 5.3.2.11
ISA/IEC 62443-2-1:2010, Security for industrial automation and control systems - Part 2-1: Establishing an industrial automation and control systems security program, Clause 6.2.2.32
ISA/IEC 62443-4-1:2018, Security for industrial automation and control systems - Part 4-1: Product security development life-cycle requirements, Clause 5.2.3.23
ISA/IEC 62443-4-2:2019, Security for industrial automation and control systems - Part 4-2: Technical security requirements for IACS components, Clause 4.2.3.24

질문 # 82

Which is a role of the application layer?

Available Choices (select all choices that are correct)

- A. Provides the mechanism for opening, closing, and managing a session between end-user application processes
- B. Delivers and formats information, possibly with encryption and security
- C. Includes protocols specific to network applications such as email, file transfer, and reading data registers in a PLC
- D. Includes user applications specific to network applications such as email, file transfer, and reading data registers in a PLC

정답: B,C

설명:

The application layer is the topmost layer of the OSI model, which provides the interface between the user and the network. It includes protocols specific to network applications such as email, file transfer, and reading data registers in a PLC. These protocols deliver and format information, possibly with encryption and security, to ensure reliable and meaningful communication between different applications. The application layer does not include user applications, which are separate from the network protocols. The application layer also does not provide the mechanism for opening, closing, and managing a session between end-user application processes, which is the function of the session layer. References:

* ISA/IEC 62443 Cybersecurity Fundamentals Specialist Study Guide, page 181

* Using the ISA/IEC 62443 Standards to Secure Your Control System, page 82 The application layer in network protocols, such as in the OSI model or the TCP/IP protocol suite, is primarily responsible for providing services directly to user applications. This layer is involved in:

* Option A: Including protocols specific to network applications such as email, file transfer, and industrial protocols like reading data registers in a Programmable Logic Controller (PLC). This is a core function of the application layer as it facilitates specific high-level networking capabilities.

* Option D: Delivering and formatting information, which can include encryption and ensuring the security of data as it is transmitted across the network. This includes protocols like HTTP for web browsing which can encrypt data via HTTPS, SMTP for secure email transmission, and FTP for secure file transfer.

질문 # 83

What is the PRIMARY goal of the IACS Security Program (SP) requirements according to ISA/IEC 62443-2-1?

- A. To implement technologies only
- B. To eliminate all cybersecurity risks completely
- C. To mitigate risk
- D. To focus solely on physical security measures

정답: C

설명:

The primary objective of the IACS Security Program, as defined in ISA/IEC 62443-2-1, is to establish a structured and sustainable approach for the mitigation of cybersecurity risks throughout the IACS lifecycle.

"The purpose of the IACS security program is to manage and mitigate risk associated with cybersecurity threats. It defines policies, procedures, and practices to reduce the likelihood and impact of security incidents."

- ISA/IEC 62443-2-1:2010, Clause 4.1 - Security Program Overview

The standard clearly distinguishes between risk mitigation and risk elimination - the latter being infeasible in industrial environments.

References:

ISA/IEC 62443-2-1:2010 - Clause 4.1

ISA/IEC 62443-2-1 - Security management and governance objectives

질문 # 84

Multuser accounts and shared passwords inherently carry which of the following risks?

Available Choices (select all choices that are correct)

- A. Unauthorized access
- B. Privilege escalation
- C. Buffer overflow
- D. Race conditions

정답: A,B

설명:

Multuser accounts and shared passwords are accounts and passwords that are used by more than one person to access a system or a resource. They inherently carry the risk of unauthorized access, which means that someone who is not authorized or intended to use the account or password can gain access to the system or resource, and potentially compromise its confidentiality, integrity, or availability. For example, if a multuser account and password are shared among several operators of an industrial automation and control system (IACS), an attacker who obtains the password can use the account to access the IACS and perform malicious actions, such as changing the system settings, deleting data, or disrupting the process. Multuser accounts and shared passwords also make it difficult to track and audit the activities of individual users, and to enforce the principle of least privilege, which states that users should only have the minimum level of access required to perform their tasks. Therefore, the ISA/IEC 62443 standards recommend avoiding the use of multuser accounts and shared passwords, and instead using individual accounts and strong passwords for each user, and implementing authentication and authorization mechanisms to control the access to the IACS.

References:

* ISA/IEC 62443-3-3:2013 - Security for industrial automation and control systems - Part 3-3: System security requirements and security levels¹

* ISA/IEC 62443-2-1:2009 - Security for industrial automation and control systems - Part 2-1:

Establishing an industrial automation and control systems security program²

* ISA/IEC 62443 Cybersecurity Fundamentals Specialist Training Course³

Shared passwords and multuser accounts pose specific risks, notably unauthorized access and privilege escalation. In ISA/IEC 62443's framework, these practices are discouraged because they complicate the attribution of actions to individual users and increase the likelihood that accounts can be used beyond their intended scope. Unauthorized access occurs when individuals exploit the shared nature of an account to gain entry to systems or data that they should not access. Privilege escalation can happen when users leverage shared accounts to perform actions at higher permission levels than those assigned to their personal accounts. Conversely, buffer overflows and race conditions are types of vulnerabilities or programming errors, not directly associated with the risks of multuser accounts or shared passwords.

질문 # 85

Which of the following BEST describes a control system?

- A. Measures taken to protect against unauthorized access
- B. Actions to prevent loss of revenue
- C. Hardware and software components of an IACS
- D. Unauthorized modifications to data

정답: C

설명:

A control system, particularly in the context of IACS, is defined as a collection of hardware and software components used to monitor and control industrial processes. This includes PLCs, RTUs, SCADA software, HMIs, and communication networks.

"Control system: A set of hardware and software components that work together to monitor and control industrial or process operations."

- ISA/IEC 62443-1-1:2007, Clause 3.3.5 - Terminology

While the other options describe security functions or consequences, only Option C accurately describes what a control system is.
References:

ISA/IEC 62443-1-1:2007 - Clause 3.3.5

ISA/IEC 62443-2-1 - Asset definitions

질문 # 86

.....

우리DumpTOP 에서 여러분은 아주 간단히ISA ISA-IEC-62443시험을 패스할 수 있습니다. 만약 처음ISA ISA-IEC-62443시험에 도전한다면 우리의ISA ISA-IEC-62443시험자료를 선택하여 다운받고 고부를 한다면 생각보다는 아주 쉽게ISA ISA-IEC-62443시험을 통과할 수 있으며 무엇보다도 시험시의 자신감 증만에 많은 도움이 됩니다. 다른 자료판매사이트도 많겠지만 저희는 저희 자료에 자신이 있습니다. 우리의 시험자료는 모두 하이퀄리티한 문제와 답으로 구성되었습니다, 그리고 우리는 업데이트를 아주 중요시 생각하기에 어느 사이트보다 더 최신버전을 보실 수 있을것입니다. 우리의ISA ISA-IEC-62443자료로 자신만만한 시험 준비하시기를 바랍니다. 우리를 선택함으로써 자신의 시간을 아끼는 셈이라고 생각하시면 됩니다.ISA ISA-IEC-62443로 빠른시일내에 자격증 취득하시고ISAIT업계 중에 엘리트한 전문가되시기를 바랍니다.

ISA-IEC-62443적중을 높은 인증시험덤프: <https://www.dumptop.com/ISA/ISA-IEC-62443-dump.html>

ISA인증 ISA-IEC-62443덤프에는 실제시험문제의 거의 모든 문제를 적중하고 습니다, ISA인증 ISA-IEC-62443시험은 IT인증자격증중 가장 인기있는 자격증을 취득하는 필수시험 과목입니다, ISA-IEC-62443 시험은 널리 승인받는 자격증의 시험과목입니다, ISA인증 ISA-IEC-62443시험은 요즘 가장 인기있는 자격증 시험의 한과목입니다, ISA인증ISA-IEC-62443 인증시험패스는 아주 어렵습니다, DumpTOP ISA-IEC-62443적중을 높은 인증시험덤프의 인지도는 업계에 널리 알려져 있습니다, ISA ISA-IEC-62443합격보장 가능 공부자료 경쟁이 치열한 IT업계에서 굳굳한 자신만의 자리를 찾으려면 국제적으로 인정받는 IT자격증 취득은 너무나도 필요합니다.

생수병으로 손을 뻗었을 때였다, 분명히 아무 생각 안 하고 계실 거야.올리어스라면 충분히 그럴만했다, ISA인증 ISA-IEC-62443덤프에는 실제시험문제의 거의 모든 문제를 적중하고 습니다, ISA인증 ISA-IEC-62443시험은 IT인증 자격증중 가장 인기있는 자격증을 취득하는 필수시험 과목입니다.

ISA-IEC-62443합격보장 가능 공부자료 100% 유효한 시험공부자료

ISA-IEC-62443 시험은 널리 승인받는 자격증의 시험과목입니다, ISA인증 ISA-IEC-62443시험은 요즘 가장 인기있는 자격증 시험의 한과목입니다, ISA인증ISA-IEC-62443 인증시험패스는 아주 어렵습니다.

- 시험준비에 가장 좋은 ISA-IEC-62443합격보장 가능 공부자료 덤프 최신 데모문제 □ □ www.exampassdump.com □을(를) 열고> ISA-IEC-62443 <를 입력하고 무료 다운로드를 받으십시오ISA-IEC-62443최신버전 시험덤프
- ISA-IEC-62443최고품질 덤프문제모음집 □ ISA-IEC-62443시험대비 최신버전 문제 □ ISA-IEC-62443최고품질 덤프문제모음집 □ 무료로 쉽게 다운로드하려면 □ www.itdumpskr.com □에서⇒ ISA-IEC-62443 ◀를 검색하세요ISA-IEC-62443높은 통과율 인기덤프
- ISA-IEC-62443시험대비 최신 덤프 □ ISA-IEC-62443덤프공부자료 □ ISA-IEC-62443자격증문제 □ 시험 자료를 무료로 다운로드하려면[www.exampassdump.com]을 통해 【 ISA-IEC-62443 】를 검색하십시오ISA-IEC-62443덤프공부자료
- 최신 ISA-IEC-62443합격보장 가능 공부자료 시험덤프 □ 검색만 하면▶ www.itdumpskr.com □에서 { ISA-IEC-62443 } 무료 다운로드ISA-IEC-62443최고품질 덤프문제모음집
- 최신 ISA-IEC-62443합격보장 가능 공부자료 인기 덤프문제 □ > www.koreadumps.com □은 □ ISA-IEC-62443 □무료 다운로드를 받을 수 있는 최고의 사이트입니다ISA-IEC-62443높은 통과율 인기덤프
- 최신버전 ISA-IEC-62443합격보장 가능 공부자료 완벽한 시험 기출문제 □ 무료로 쉽게 다운로드하려면✓ www.itdumpskr.com □✓ □에서 □ ISA-IEC-62443 □를 검색하세요ISA-IEC-62443최신버전 시험덤프
- 최신버전 ISA-IEC-62443합격보장 가능 공부자료 완벽한 시험 기출문제 □ □ www.pass4test.net □을 통해 쉽게 □ ISA-IEC-62443 □무료 다운로드 받기ISA-IEC-62443시험패스 가능한 인증덤프자료
- 최신 ISA-IEC-62443합격보장 가능 공부자료 시험덤프 □ 지금 □ www.itdumpskr.com □에서 [ISA-IEC-62443] 를 검색하고 무료로 다운로드하세요ISA-IEC-62443높은 통과율 덤프샘플 다운
- ISA-IEC-62443합격보장 가능 공부자료 덤프 최신버전 □ 무료 다운로드를 위해⇒ ISA-IEC-62443 ◀를 검색하려면“ www.itdumpskr.com ”을(를) 입력하십시오ISA-IEC-62443시험덤프샘플
- ISA-IEC-62443높은 통과율 인기덤프 ♠ ISA-IEC-62443시험대비 최신버전 문제 □ ISA-IEC-62443시험대비 최신버전 문제 □ 무료로 다운로드하려면▶ www.itdumpskr.com □로 이동하여✓ ISA-IEC-62443 □✓ □를 검색하십시오ISA-IEC-62443최고품질 덤프문제모음집

- 퍼펙트한 ISA-IEC-62443합격보장 가능 공부자료 인증공부 □ 「 kr.fast2test.com 」 웹사이트에서 □ ISA-IEC-62443 □를 열고 검색하여 무료 다운로드ISA-IEC-62443최신버전 시험덤프
- ronalddtpg966270.muzwiki.com, macicicxw064638.blogdemls.com, socialbuzztoday.com, socialclubfm.com, sashaztca656405.topbloghub.com, www.cropmastery.com, tamzinvmsh898046.thelateblog.com, www.fuxinwang.com, lorimenw951554.plpwiki.com, thesocialdelight.com, Disposable vapes

그 외, DumpTOP ISA-IEC-62443 시험 문제집 일부가 지금은 무료입니다: https://drive.google.com/open?id=1ESxy_BerEkJ6XRa8omUIQV9H4i3QUq9