

# Security Standards Concepts

## 4.2 Compare and Contrast Aspects of Compliance and Regulation

### Description

- In this episode, we will explore key industry standards and cybersecurity in the cloud, such as SOC 2, PCI-DSS, and guidelines from the Cloud Security Alliance, providing a foundational understanding of security and compliance.

### Resources

- <https://www.aicpa-cima.com/cpe-learning/publication/soc-2-reporting-on-an-examination-of-controls-at-a-service-organization-relevant-to-security-availability-processing-integrity-confidentiality-or-privacy>
- [https://www.pcisecuritystandards.org/document\\_library/](https://www.pcisecuritystandards.org/document_library/)
- <https://www.iso.org/standard/27001>
- <https://cloudsecurityalliance.org/research/guidance>

### Learning Objectives

- Describe the cybersecurity standards SOC2, PCI-DSS, ISO 27001, and CSA

### Notes

- Industry Standards
  - Systems and Organization Controls 2 (SOC2)
    - <https://www.aicpa-cima.com/cpe-learning/publication/soc-2-reporting-on-an-examination-of-controls-at-a-service-organization-relevant-to-security-availability-processing-integrity-confidentiality-or-privacy>
  - Payment Card Industry Data Security Standards (PCI-DSS)
    - [https://www.pcisecuritystandards.org/document\\_library/](https://www.pcisecuritystandards.org/document_library/)
  - International Organization for Standardization (ISO 27001)
    - <https://www.iso.org/standard/27001>
  - Cloud Security Alliance
    - <https://cloudsecurityalliance.org/research/guidance>