CDPSE Course Outline

Upon completing this course, you will be able to:

- Identify the privacy program requirements
- Describe the privacy governance practices
- Describe the types of privacy protection legal models
- Identify the common privacy laws and regulations
- Identify the various privacy standards
- Identify the different types of documentation necessary for data privacy management.
- Explain the requirements to address the data subjects’ right
- Identify the privacy program requirements
- Describe the privacy governance practices
- Describe the types of privacy protection legal models
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- Identify the different types of documentation necessary for data privacy management.
- Explain the requirements to address the data subjects’ right
- Identify the common privacy-related vulnerabilities caused by the problematic data actions.
- Identify the methods of exploiting these vulnerabilities leading to privacy breaches and harms.
- Identify the problematic data actions during data processing leading to these privacy harms.
- Identify the common established PIA methodologies.
- Describe the NIST privacy risk assessment methodology and EU GDPR DPIA
- Identify various types of computing infrastructure.
- Recognize the responsibilities of the Cloud Service Provider and the cloud consumer in a shared responsibility model
- Identify the advantages and limitations of cloud computing
- Apply privacy controls for the privacy risks and issues associated with the remote access options.
- List the various considerations for endpoint security
- Identify the best practices for system hardening.
- Describe the elements and principles of privacy by design
- Explain the steps involved in application and system hardening to protect the enterprise’s software/applications from privacy breach.
- Describe the privacy considerations required for applications using APIs and web services.
- Recognize the relevant privacy controls to handle the identified privacy risks.
- Recognize the risks associated with the various communication protocols.
- Recognize the risks covering the various communication protocols.
- Describe WLAN security, TLS, and Secure Shell.
- Explain the steps involved in application and system hardening to protect the enterprise’s software/applications from privacy breach.
• Describe the privacy considerations required for applications using APIs and web services.
• Recognize the relevant privacy controls to handle the identified privacy risks.
• Recognize the risks associated with the various communication protocols.
• Recognize the risks covering the various communication protocols.
• Describe WLAN security, TLS, and Secure Shell.
• Explain the steps to create a data inventory.
• Describe the four process areas of data quality
• Illustrate the different data flow diagrams
• Explain data analytics and its privacy concerns.
• Explain the steps to create a data inventory.
• Describe the four process areas of data quality
• Illustrate the different data flow diagrams
• Explain data analytics and its privacy concerns.

Course Topics include:

 Governance
  • Personal Data and Information
  • Privacy Laws and Standards across Jurisdictions
  • Privacy Documentation
  • Legal Purpose, Consent and Legitimate Interest
  • Data Subject Rights

 Management
  • Roles and Responsibilities Related to Data
  • Privacy Training and Awareness
  • Vendor and Third-party Management
  • Audit Process
  • Privacy Incident Management
  • Risk Management
  • Risk Management Process

 Infrastructure
  • Cloud Computing
  • Remote Access
  • Endpoints
  • System Hardening
  • Secure Development Life Cycle

 Applications and Software
  • Application and Software Hardening
  • APIs and Services
  • Tracking Technologies

 Technical Privacy Controls
• Communication and Transport Protocols
• Encryption, Hashing and De-identification
• Key Management
• Encryption, Hashing and De-identification
• Monitoring and Logging
• Identity and Access Management

Data Purpose
• Data Inventory and Classification
• Data Quality
• Data Flow and Usage Diagrams
• Data Use Limitation
• Data Analytics

Data Persistence
• Data Minimization
• Data Migration
• Data Storage
• Data Warehousing
• Data Retention and Archiving
• Data Destruction