Peer Review of the Presentation: Sin 17: Failure to Protect Stored Data

Overview of Main Ideas Discussed in the Presentation

1. **Introduction to Stored Data Security**: It defines stored data highlights the consequences of inadequate protection.

2. **The CIA Triad**: The presentation reinforces the foundational importance of the CIA (Confidentiality Integrity and Availability) triad.

3. **Access Control Mechanisms**:

   - Detailed discussion of identification authentication and authorization.

   - Overview of access control methodologies such as Discretionary Access Control (DAC) Mandatory Access Control (MAC) Role-Based Access Control (RBAC) and Attribute-Based Access Control (ABAC).

4. **Data Encryption**: Explanation of common encryption methods like AES RSA and Twofish their applications and why encryption is vital.

5. **Human-Related Risks**:

   - Social engineering threats such as phishing and insider threats.

   - Case studies like the Sacramento phishing attack and Tesla insider breach underscore real-world consequences.

6. **Practical Guidance**: Do's and Don'ts for protecting stored data and spotting weak access controls during code reviews.

Topics Discussed in the Discussion Forum

The discussion forum raised pertinent questions such as:

- Major errors organizations make in protecting stored data.

- The impact of implementing the Principle of Least Privilege.

- Balancing data security with accessibility.

- Legal and financial repercussions of failing to secure personal data.

The presenter fostered engagement by posing situational and reflective questions that encourage critical thinking and application of knowledge.

Critique of the Presentation Slides (30 Points)

Improvement Over Original (2023) Slides

These slides have been meticulously updated to provide examples.

Flow

The presentation follows a logical structure beginning with foundational concepts before risks examples and mitigation strategies.

Topic Coverage

The slides comprehensively cover the topic addressing multiple facets of stored data protection.

Critique of the Discussion Forum Activity (10 Points)

Questions/Comments

The presenter posed a wide range of insightful questions covering technical legal and practical aspects of stored data protection.

Major Issues

The selected questions captured the essence of stored data protection addressing risks preventive measures.

Critique of the Discussion Forum Interaction (10 Points)

Engagement

The presenter actively engaged in discussions providing thoughtful responses encouraging further dialogue.

Suggestions

1. Incorporating more visuals to break up slides.

2. Adding a summary slide with key takeaways.

3. Encouraging more peer-driven questions in the discussion forum to broaden perspectives.

Overall the effort and quality of the presentation are commendable.