CYBER SECURITY ASSIGNMENT QUESTION

DAY 7

1.Identity and Access Management Best Practices

Question: Research and explain the importance of identity and access management (IAM) in cyber security. Describe the key components of an IAM system and discuss best practices for implementing IAM to enhance security posture.

2.Application Security Assessment

Question: Investigate the importance of application security in the context of cyber security. Identify common vulnerabilities found in applications and discuss strategies for securing applications against cyber threats.

3.Change Management in Cyber Security

Question: Explain the role of change management in maintaining cyber security within organizations. Discuss the challenges associated with managing changes in IT environments and propose strategies to mitigate risks during the change process.

4.Infrastructure Security Evaluation

Question: Explore the significance of infrastructure security in cyber security. Identify common threats to infrastructure components such as networks, servers, and endpoints, and propose measures to protect infrastructure assets from cyber attacks.

5. Case Study: Identity Theft Prevention

Question: Analyze a real-world case of identity theft and propose strategies to prevent similar incidents from occurring in the future. Discuss the impact of identity theft on individuals and organizations, and evaluate the effectiveness of identity theft prevention measures.