OBJECTIVE & PURPOSE:

The purpose of this assignment is to help students be able to: Analyze common security failures and identify specific design principles that have been violated (CSP3); Given a specific scenario, identify the design principles involved or needed to increase the cybersecurity posture (CSP4); and Describe appropriate measures to be taken should a system compromise occur (Business Continuity Plan) (CSF4).

DESCRIPTION OF ASSIGNMENT:

Your assignment will be to first conduct investigation using (Google, news report, government report, or any other valid source) into a cyber breach incident of a large company in the past several years. Then, develop a written paper that will provide a summary of the following:

• Cyber Breach Overview: Provide an overview of the cyber breach incident you are discussing in this paper and the organization that it occurred in (Use references to support your claims).

• Security Failures: Analyze the security failures and identify specific design principles that have been violated during the identified cyber breach incident (Use references to support your claims).

• Cybersecurity Posture: In your own words (no quotes, but use references to support your claims) identify the design principles involved or needed to increase the cybersecurity posture in the organization that was breached.

• Business Continuity Plan: In your own words (no quotes, but use references to support your claims) describe appropriate measures to be taken should a system compromise occur.

• Conclusion: In your own words (no quotes!!!), provide a conclusion that summarized the whole paper.

In particular, you will need to develop a five-page document (not more!) that outlines each of the section above and provides the details to address the points above.

 FORMAT:

All text in the proposal should be word-processed (letter or correspondence-quality font), New Times Roman or Calibri, 12 point, double space and standard margins. The body of the proposal should be five-pages long (not including title page, Table of Contents, & Certificate of Authorship).

The following information should also be included:

Title page:

• Project Title

• Assignment Name and Number

• Name and e-mail

• Professor's name

• Class Name and Number

• Due date

The report should also be done professionally and should include:

• Table of Contents (with sections & page numbers identified)

• Page numbers on all pages

• Clear and consistent headers of all sections

• Reference List following APA closely

• Certificate of Authorship - Use the certificate provided as the last page of the document!

Professional and appealing document is expected!

As required by Code of Student Conduct and Academic Responsibility, please make sure to document appropriately your references and state it in your own words, or put in quotations.