**Evolution of Cyberspace**

The purpose is to examine and solve real-world information assurance problems and apply associated techniques to create practical solutions.

**Instructions**

This assignment consists of using Microsoft Word. **Note:** You may create or make all necessary assumptions needed for the completion of this assignment.

In this deliverable, you will examine the evolution of cyberspace through time and discuss some of the biggest developments that have changed the face of cyberspace. You will also examine the advent of e-commerce and its impact on cybersecurity, and determine the challenges and countermeasures needed to back up the security-related incidents.

**Submission Requirements**

* Document (MS Word).

Write a 2–3 page paper in which you:

* Explain the evolution of cyberspace through time.
* Identify one of the biggest developments that have changed the face of cyberspace.
* Examine the advent of e-commerce and its impact on cybersecurity.
* Determine the main challenges and the countermeasures needed to back up the security related to cyberspace.

Format your assignment according to the following formatting requirements:

* Be typed, double spaced, using Times New Roman font (size 12), with one-inch margins on all sides; citations and references must follow APA. Check with your professor for any additional instructions.
* Include a cover page containing the title of the assignment, the student’s name, the professor’s name, the course title, and the date. The cover page and the reference page are not included in the required assignment page length.

The specific course learning outcome associated with this assignment is:

* Evaluate the progression of cyberspace over time and how major developments impacted security.
* Write clearly and concisely about topics related to information technology audit and control using proper writing mechanics and technical style conventions.

**Note:** Assignment will be check for plagiarism

Grading for this assignment will be based on answer quality, logic / organization of the paper, and language and writing skills, using the following rubric.

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| **Criteria** | **Unacceptable**  **Below 70% F** | **Fair**  **70-79% C** | **Proficient**  **80-89% B** | **Exemplary**  **90-100% A** |
| 1. Explain the evolution of Cyberspace through time software development perspective.  Weight: 20% | Did not submit or incompletely explain the evolution of Cyberspace through time software development perspective. | Partially explain the evolution of Cyberspace through time software development perspective. | Satisfactorily explain the evolution of Cyberspace through time software development perspective. | Thoroughly explain the evolution of Cyberspace through time software development perspective. |
| 2. Identify one of the biggest developments that have change the face of cyberspace pro. Weight: 30% | Did not submit or incompletely identify one of the biggest developments that have change the face of cyberspace. | Partially identify one of the biggest developments that have change the face of cyberspace. | Satisfactorily identify one of the biggest developments that have change the face of cyberspace. | Thoroughly identify one of the biggest developments that have change the face of cyberspace. |
| 3. Examine the advent of e-commerce and its impact on cybersecurity.  Weight: 20% | Did not submit or incompletely examine the advent of e-commerce and its impact on cybersecurity. | Partially examine the advent of e-commerce and its impact on cybersecurity. | Satisfactorily examine the advent of e-commerce and its impact on cybersecurity. | Thoroughly examine the advent of e-commerce and its impact on cybersecurity. |
| 4. Determine the main challenges and the countermeasures needed to back up the security related to cyberspace.  Weight: 30% | Did not submit or incompletely determined the main challenges and the countermeasures needed to back up the security related to cyberspace. | Partially determined the main challenges and the countermeasures needed to back up the security related to cyberspace. | Satisfactorily determined the main challenges and the countermeasures needed to back up the security related to cyberspace. | Thoroughly determined the main challenges and the countermeasures needed to back up the security related to cyberspace. |