

## TASK 1 - Security Threats, Services and Mechanism

As a Security Consultant, your team have been ask to review **ONE existing cryptography application** of an organisation.

Your team should identify:

1. the **main function** offered by the application that require security mechanism. Discuss.
2. **security threats** against the application. Elaborate.
3. existing **cryptography security services** (CIA) of the application. Explain.
4. existing **cryptography security mechanism** of the application. Explain.

### Guideline:

- Find the example of cryptography application on Lecture Note: Introduction – page 2.
- Prepare a slide of your review report not more than 7 pages.
- Your team will present the report during knowledge sharing session with the organisation Security Manager and their security team.
- The organisation will assess your work based on:
  - content of review report (3)
  - teamwork and presentation (2)

### Related reference:

Become a Security Auditor <https://www.cyberdegrees.org/jobs/security-auditor/>

Become a Security Consultant <https://www.cyberdegrees.org/jobs/security-consultant/>

Become a Security Engineer <https://www.cyberdegrees.org/jobs/security-engineer/>