



Topic 3: Assessment Exercise

Lecturer: Mark Gillan

LEGISLATION AND ETHICS

- Legislation or 'laws' are rules that mandate or prohibit certain behaviour for the benefits of society as a whole — they are drawn from ethics. Laws carry the authority of a governing body.
- Ethics are based upon cultural acceptance, collective attitude, and the customs and morals of a population. Ethics define socially acceptable behaviour. Some ethical standards are universal, eg murder, theft, assault and arson are illegal throughout the world. Laws are therefore created to ensure that ethical standards are maintained.
- This part of the assignment looks at job roles and some of the ethical and legal issues that may need to be considered when employed in these roles.

JOB ROLE 1 (ONE): CISO

- Within organisations the Chief Information Security Officer is a senior level post responsible for securing information assets, information-related compliance and maintaining a data security strategy.
- The role is also concerned with reducing risks to threats, and the control, management and response to incidents.
- Describe **THREE** areas of legislative concern either in the UK or globally for this cyber security professional's role.
- Include links to any resources you have used to research this information.

JOB ROLE 2 (TWO): SIA

- Security Intelligence Analyst (SIA)
- An SIA designs, implements, monitors, and evaluates the security systems of organisations and protects them from real-world threats.
- SIAs do this by keeping informed of latest threats and advise them on the best ways to reduce risk or tackle these threats.
- They also advise on company policies and development of security strategies.
- The following **case study** and questions highlight some of the dilemmas faced by SIAs
- Read the case study carefully and answer all questions concerning it.

CASE STUDY: THE BYOD POLICY AND IP

- BYOD – Bring Your Own Device and IP – Intellectual Property
- You have just been given the new position of SIA in a digital media company that specialises in branding and logo creations.
- Many of the graphical artists work remotely on their own devices at home and transfer their work, when finalised, to be stored on the company's network.
- The main building has around 30 workstations which are a variety of windows and apple operating systems. Many employees bring their own devices.
- Currently the managers seem happy with this scenario.
- Recently however, a dispute arose between two designers over the origin of a product with one designer claiming the other had somehow acquired and altered his work claiming that it was his own. The accuser is not only angry with the other designer he is also angry with the company for 'allowing' this to happen. His lawyer has advised him to pursue this matter further.

CASE STUDY: QUESTIONS

1. To complete this part of the assignment, discuss what you would advise as a security advisor for this company. There are several legal and ethical issues that you would be required to advise upon for security improvements in this case. If you were given free reign and unlimited finance, what would you like to change to increase security and prevent future occurrences of this nature?
2. Explain how finance often presents an ethical dilemma to security specialists in this type of role. Can a business afford the expense of protecting data or, on the other hand, can they afford not to spend money on this?

Include links to resources you may have accessed to help you discuss this problem.

REMEMBER: Important to describe **THREE** areas of legislative concern for the role of CISO and consider the two roles separately for the case study. Ensure you use headings to cover all aspects of the assessment exercise. Name your file: Topic 3 Assess

AFTER TOPIC 3 ASSESSMENT

- Check all Topics have assessment files
- Add anything suggested within Feedback for each topic assessment
- Any additional submission material should be in a different font colour / font to highlight the extra or any changes to the original assessment submission following feedback
- Name additional submission following all recommended feedback suggestions: File name same as previous but with the word **ADD** placed at the end of the file name to ensure it is clearly new submission material
- Any RESIT (no previous submission), must have the word RESIT at the end of the file name for each Topic as instructed

CHECK EVERYTHING

Check submissions and read all feedback again

Check resits and any additional material for submission, checking file names are correct (ADD/RESIT)

Check you have the following:

- **Topic 1:** At least **TWO** Professional Bodies and their Code of Conduct used, relevant to Cybersecurity professionals
- **Topic 2:** Moral philosophy, benefits of ethics to society, business benefits of ethics and professionalism
- **Topic 3:** at least **THREE** areas of legislation, at least **THREE** ethical issues, business benefits of ethics and professionalism



CHECK AGAIN – DOUBLE CHECK

Check again, you have the following:

- **Topic 1:** At least **TWO** Professional Bodies and their Code of Conduct used, relevant to Cybersecurity professionals
- **Topic 2:** Moral philosophy, benefits of ethics to society, business benefits of ethics and professionalism
- **Topic 3:** at least **THREE** areas of legislation, at least **THREE** ethical issues, business benefits of ethics and professionalism



THE END

- El Fin
- La Fin
- Das Ende
- La Fine
- Owari
- Kkeut
- Shesh
- Ant
- El Fin (Spanish)
- La Fin (French)
- Das Ende (German)
- La Fine (Italian)
- Owari (Japanese)
- Kkeut (Korean)
- Shesh (Bengali)
- Ant (Hindi)