****

Western Governor’s University

**Legal Issues in Information Security**

**C841**

Matt Lorenzen

**IHP4 Task 1: Legal Analysis**

**IHP4 Task 1: Legal Analysis**

**A1. CFAA and ECPA**

*Identify and discuss a specific instance where information on a protected computer was accessed without authorization. This activity constitutes criminal activity that violates the CFAA.*

The findings within the BI Unit indicate Metasploit was installed on multiple machines and that further evidence indicates penetration and scanning activity into multiple external companies IP space.

*Identify and discuss a specific instance of unauthorized access, use, disclosure, or interception of electronic communications. This activity constitutes criminal activity that violates the ECPA.*

The BI Unit gaining access to other groups and units within TechFite without authorization. Evidence was found to support activities of privilege escalation has occurred on accounts to permit access to multiple departments within TechFite without authorization to perform such acts. Logging taking from network monitoring further confirms this evidence.

**A2. Three Laws**

*Identify and discuss a specific instance of negligence that facilitated the actual criminal activity you noted involving ECPA (you can use different laws if you like). Then elaborate on how the follow on actual criminal activity is justification of legal action.*

The BI Unit at TechFite was not enforcing “least privilege” for their department. Without least privilege enforcement members of the BI Unit were able to install software and tools that allowed for scanning of both internal and external targets. This further allowed those members of the business unit to escalate privileges within other departments.

*Identify and discuss a specific instance of negligence that facilitated the actual criminal activity you noted involving CFAA (you can use different laws if you like). Then elaborate on how the follow on actual criminal activity is justification of legal action.*

The aforementioned actions violate the CFAA section wherein “Accessing a Computer and Obtaining information” can include internal systems accessed without authorization and can carry a sentence of up to 1 to 5 years.

*Identify and discuss a specific instance of negligence that facilitated the actual criminal activity you noted involving SOX (you can use different laws if you like). Then elaborate on how the follow on actual criminal activity is justification of legal action.*

k

*Additional clarification:* Explain how **three** laws, regulations, or legal cases apply in the justification of legal action based upon negligence described in the case study. Example: If a person responsible for locking a door forgets/fails to do so, and later that evening a thief entered that door and burglarized the building. The negligent action/inaction of the person who failed to lock the door allowed a criminal with no association to walk in after hours and commit the criminal act of theft. The negligence becomes a basis for the activity, but the actual crime committed is where legal action will be directed.

**A3. Duty of Due Care**

*Identify and discuss two (2) specific examples where you observed lack of duty of due care.*

K

K

**A4. SOX**

*State why SOX is applicable to the company based on the type of company it is/type of business it conducts and discuss a specific SOX violation you observed in the case study.*

TechFite is a publicly traded organization.

**B1/B1a. Criminal Evidence, Activity, Actors and Victims**

Identify and discuss a specific criminal act you observed in the case study. Be sure to include (1) what the activity was, (2) what specific actor (person/group/entity) committed the activity, and (3) what specific person/group/entity was the victim of the activity.

K

1.

2.

3.

Identify and discuss a second specific criminal act you observed in the case study. Be sure to include (1) what the activity was, (2) what specific actor (person/group/entity) committed the activity, and (3) what specific person/group/entity was the victim of the activity.

The actor, activity, and victims for your first example need to be different from those in your second example.

1.

2.

3.

**B1b. Cybersecurity Policies & Procedures for Criminal Activity**

State and describe a specific cybersecurity policy (by name i.e. *Password Lockout Policy*”) and accompanying procedure that could have helped prevent a specific instance of criminal activity you observed.

State and describe a second specific cybersecurity policy (by name i.e. *Password Lockout Policy*”) and accompanying procedure that could have helped prevent a second specific instance of criminal activity you observed**.**

Failure to prevent criminal activity, DLP, Chinese Wall, Separation of Duties, Auditing, Account Creation, Acceptable Use. Identify 2 of these that tie to criminal activity and how they present in a case study.

**B2/B2a. Evidence of Negligent Activity, Actors and Victims**

Identify and discuss a specific negligent act you observed in the case study. Be sure to include (1) what the activity was, (2) what specific actor (person/group/entity) committed the activity, and (3) what specific person/group/entity was the victim of the activity.

Identify and discuss a second specific negligent act you observed in the case study. Be sure to include (1) what the act was, (2) what specific actor (person/group/entity) committed the act, and (3) what specific person/group/entity was the victim of the activity.

The actor, activity, and victims for your first example need to be different from those in your second example.

**B2b. Cybersecurity Policies & procedures for Negligent Activity**

State and describe a specific cybersecurity policy (by name i.e. *Password Lockout Policy*”) and accompanying procedure that could have helped prevent a specific instance of negligent activity you observed.

State and describe a second specific cybersecurity policy (by name i.e. *Password Lockout Policy*”) and accompanying procedure that could have helped prevent a second specific instance of negligent activity you observed**.**

Topics from B1a but discuss the negligence

**C. Legal Compliance Summary for Management**

Succinctly recap the compliance status (actually state “compliant” or “not compliant”) of each law discussed in parts A and B above. Discuss contributing factors for each law. Provide a paragraph or two to complete this section. What it was, were they compliant, and why

**References**

Annotate sources of any quoted, paraphrases or summarized content used. Delete this slide prior to submission if you have none to include. Delete the reference page/section if you do not have quoted, paraphrased, or summarized content.