Cyber Security and Forensics

Group #3

Explain Asymmetric cryptography, digital signature and nonrepudiation, security vulnerabilities. Discuss live and dead forensic analysis and tools used.

Using Backtrack show how forensic analysis is conducted. Using readily available programs in the internet show how a malware can be planted and show how an attacker then can take control of the system. Please use PPT to help you guide through the presentation.

Report: Please give a summary of background reading with references. Do not give too much theory, rather stick to practical applications. Give screen captures of every step.

Please start working on it this week. You need to send me weekly notes on your progress.