

Unit 7 Reflection

This week, I spent time with the Kali Linux distribution learning to execute several tools useful in penetration testing. I enjoyed reading about Kali Linux and the role it plays in helping penetration testers to identify vulnerabilities, such as using tools like nmap which is well-known.

Reading about the ISO31000 standard was useful in broadening my understanding of enterprise risk management, the definition of risk as being the *effect of uncertainty* on an organisation's ability to *achieve its objectives*. The uncertainty level therefore drives the need to adopt a risk management framework. One aspect of the ISO 31000 standard that I found eye opening—because it ties in well with the activities of previous units—is the risk management process which the ISO standard proposes, (a similar process unknowingly followed both in studies and work career): (1) risk identification, (2) risk analysis, (3) risk evaluation, (4) risk treatment, (5) context, (6) risk monitoring, (7) stakeholder communication. I feel that the ISO 31000 standard was used by the team to deliver the design document in Unit 6, albeit only points 1, 2 and 3.