

## Unit 4: Security Standards, Frameworks and Disaster Recovery

- Shostack, A. (2014) *Threat modeling : designing for security*. 1st ed. Wiley & sons Ltd.
  - Chapters 3-6.
- Barafort, B., Mesquida, A.-L. & Mas, A. (2019) ISO 31000-based integrated risk management process assessment model for IT organizations. *Journal of Software: Evolution and Process* 31(1): e1984. DOI: 10.1002/smr.1984
- Kirvan, P. (2021) Top 10 IT security frameworks and standards explained.
- Spring, J., Hatleback, E., Householder, A., Manion, A. & Shick, D. (2021) Time to Change the CVSS? *IEEE Security & Privacy* 19(2): 74–78.
- Andrade, E., Nogueira, B., Matos, R., Callou, G. & Maciel, P. (2017) Availability modeling and analysis of a disaster-recovery-as-a-service solution. *Computing* 99(10): 929–954.
- Morrow, T., LaPiana, V., Faatz, D., Hueca, A. & Richmond, N. (2021) Cloud Security Best Practices Derived from Mission Thread Analysis. CARNEGIE-MELLON UNIV PITTSBURGH PA.
- Opara-Martins, J., Sahandi, R., & Tian, F. (2014) Critical review of vendor lock-in and its impact on adoption of cloud computing. In *International Conference on Information Society (i-Society 2014)* (pp. 92-97).
- Alhazmi, O. & Malaiya, Y. (2013) Evaluating Disaster Recovery Plans using the Cloud. *2013 Proceedings Annual Reliability and Maintainability Symposium (RAMS)* 1(1): 1-6.

### Additional Reading

- Data Protection Commission. (2020) Case Studies: Data Protection Commission.