

## **Unit 6: The Great Debate: The Future of the Internet**

The reading this week focusses on possible solutions that are proposed to mitigate a number of the technological, security, social, legal and privacy challenges posed by current internet technologies.

### **Required Reading**

Rawat, D. & Reddy, S. (2017) Software Defined Networking Architecture, Security and Energy Efficiency: A Survey. *IEEE Communications Surveys and Tutorials* 19(1): 325-346.

Ding, W., Yan, Z. & Deng, R. (2016) A Survey on Future Internet Security Architectures. *IEEE Access*. 4: 4374 - 4393. DOI: 10.1109/ACCESS.2016.2596705.

### **Additional Reading**

Shaotong, Z. (2016) A Clean-Slate ID/Locator Split Architecture for Future Network. *Journal of Network Computing and Applications*. 1(1):1-6.

Urdaneta, G. (2011) A survey of DHT security techniques. *ACM Computing Surveys*. 43(2): 1-49.

Clarke, I. et al (2002) Protecting Free Expression Online with Freenet. *IEEE Internet Computing*.