

SYSC5801 Assignment 2

This assignment is to investigate the Locator/ID Separation Protocol (LISP) proposed by Cisco.

First, you need to study the problem/motivation, technique, and benefits of LISP if it is used in the tradition IP networks (both IPv4 and IPv6). For the point, you also need to investigate and describe applications that LISP is useful.

In addition, LISP can be (and has been) used together with Software Defined Networking (SDN) and Network Function Virtualization (NFV). The second objective of the assignment is to investigate how LISP can be used with SDN/NFV.

The third objective is to investigate additional benefits of LISP+SDN/NFV in comparison to LISP on the traditional IP networks. The comparison should include applications and/or scenarios that LISP+SDN/NFV can be more useful than the traditional LISP+IP networks.

A number of online references are available, which is very helpful. The assignment report needs to be **specific** and **examples** should be provided. Only high-level generic descriptions **are not considered** enough for the minimum requirement.

References need to be clear and proper citations must be added in the report.