Abstract

Web server performance analysis is quite an important task in order to ensure web server performance and (if necessary) provide an early alert of web server performance decreasing. One of the most crusial performance parameter is page response time which is affect the user satisfaction. Several arrival model have been used to test the web server performance. The commonly used one is Poisson Process, and there is also MMMP arrival model that used to modelling the bursty traffic. According to what has been explained above, this final assignment is conduct to implement those 2 arrival models into 2 kinds of web server (Apache and Lighttpd) in order to analyse the difference of page response time given by each web server due to the difference of arrival model.

Keywords : MMPP, Poisson Porcess, Apache, Lighttpd, Page Response Time