

Abstract

Load Balancing is a technique or a way to divide the workload on a system, device or network computer. The purpose of load balancing technique is to optimize the devices used in the network. In load balancing, dispatcher-based scheme is one of a very good scheme is used to control every request that comes. This scheme uses dispatcher as a proxy server to redirect requests to a real server that is behind it.

One of the scheduling algorithm used in this load balancing technique that is least connections, where dispatcher that receives requests from the web client will direct connections to servers that have the least amount of connection time. So this technique seeks to balance the number of active connections to multiple servers on the network.

In this final project, we try to implement load balancing using dispatchers based scheme in applying the least connection algorithm in a network.

Keywords: *load balancing, dispatchers, request, least connection, workload*