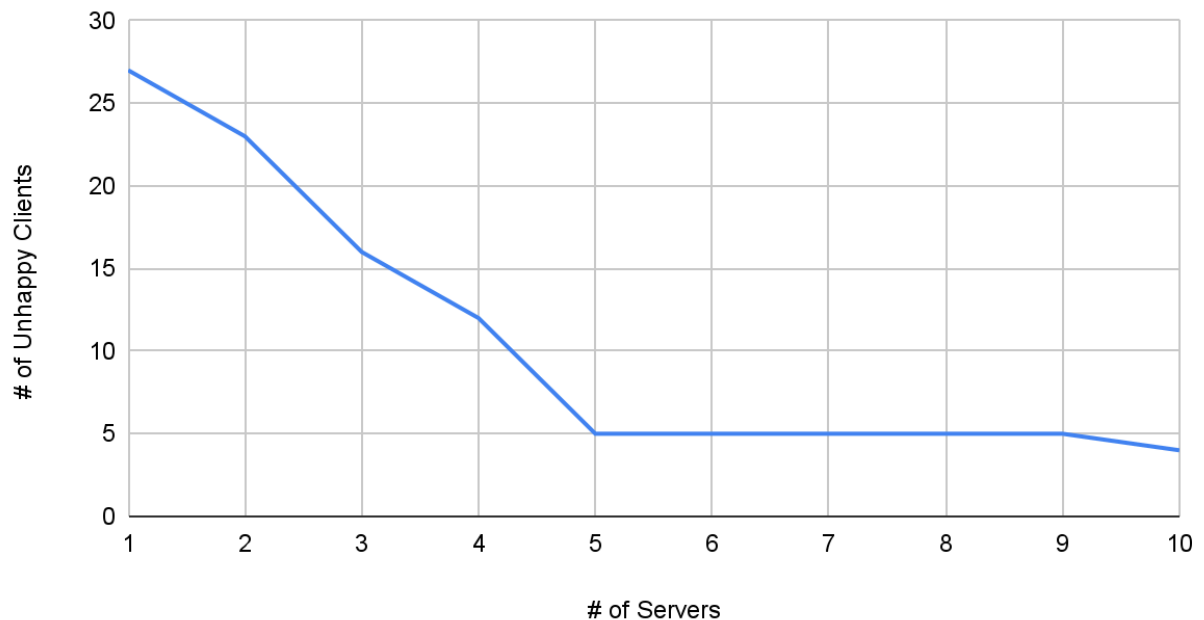# Relationship between Number of Servers and Unhappy Clients

The plot has a steady decrease from 1 server to 5 servers because by adding more servers, more requests are able to be processed and completed in time, resulting in fewer unhappy customers. However, after 5 servers, the number of unhappy clients plateaus because adding more than 5 servers does not improve efficiency and increases VM time. Thus, there is a "knee" in the curve at 5 servers because that is the most optimal number of servers that minimizes unhappy clients and VM time.