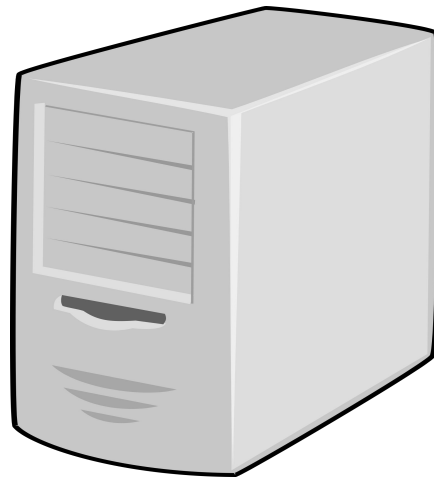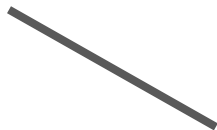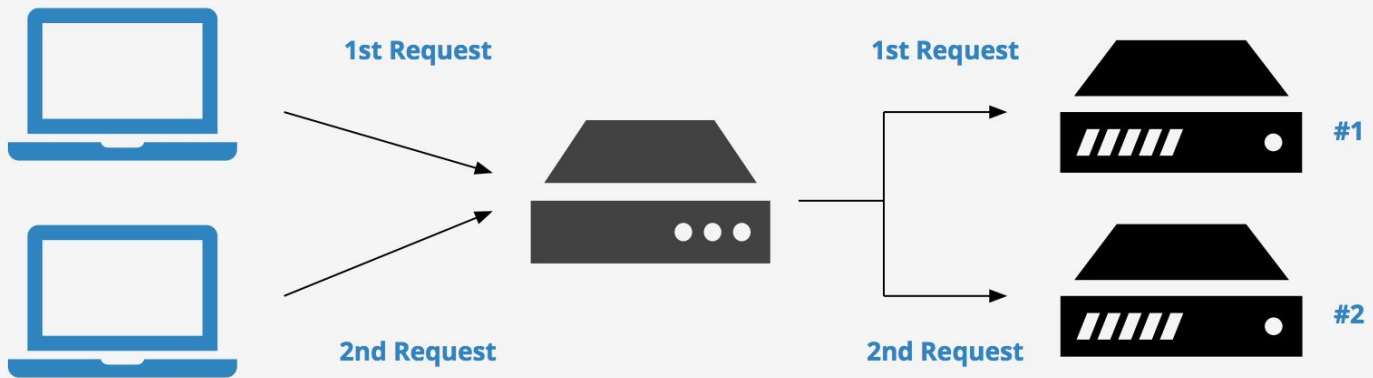Server 1

Server 2

Storage Volume

Server 1 and 2 are always operational and are linked to the same storage volume this is how they stay linked with the same information so that the websites are synced together making new information across both sites instantly accessible. Server 1 and 2 have both been launched on an auto scaling group to allow for dynamic servers to be created and removed according to traffic flow

Load Balancing

1st Request · 1st Request · #1 · 2nd Request · 2nd Request · #2 · Load Balancer · Server · Client

Using the Amazon provided load balancer is what will provide us with even user usage of the both servers so not one server is overloaded at a time