

DISTRIBUTED BANDWIDTH ALLOCATION AND THROTTLING

ABSTRACT

A distributed bandwidth allocation system comprises a distributed bandwidth limiter, a first throttler, and a second throttler. The distributed bandwidth limiter receives first usage data for a first entity and second usage data for a second entity. Based on the first usage data, second usage data, and a total bandwidth allocation, the distributed bandwidth limiter determines a first bandwidth allocation specifying bandwidth available for network traffic for the first entity and a second bandwidth allocation that specifies bandwidth available for network traffic for the second entity, wherein a sum of the first bandwidth allocation and the second bandwidth allocation does not exceed the total bandwidth allocation. The first bandwidth allocation and the second bandwidth allocation are provided to respective throttlers that manage traffic for the first and second entities.

FIG. 3