

Traffic ManageMent: A Holistic Approach to memory Placement on NUMA Systems

Before this paper published, almost of researches are focus on reducing remote access and supporting local access in NUMA systems. This paper argue that the more memory traffic becomes heavy, the congestion on memory controller also gets heavy. And this is more harmful for the performance of NUMA system than previously raised issues. So authors proposed new algorithm to control the congestion. there are some mechanisms which are page co-loaction, page interleaving, page replication, and thread clustering.