

On the Database/Network Interface in Large-Scale Publish/Subscribe Systems

slides by: Badrish Chandramouli Duke University

Presented by: Risi Thonangi Instructor: Jun Yang (CPS399.28)

Systems & Architecture













- "List of affected subscriptions" leads to unicast























Other subscription types * Range-max

- Range-count/sum/average
- ✤ Range-DISTINCT
- ✤ Select-join
- Range aggregation in higher dimensions











Discussion Deals with range-predicate

- Not clear how to extend to other operators
- * How scalable are the data-structures/algorithms as number of dimensions increase?
- * Robustness concerns in CN
- Load-balancing in CN

