



Award #: 1724898

DIBBS: PD: OneDataShare: Data Transfer Optimization as a Service

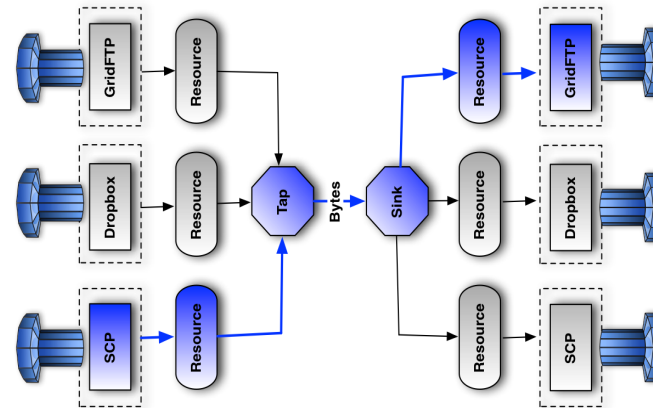
PI: Tevfik Kosar, University at Buffalo

Major contributions:

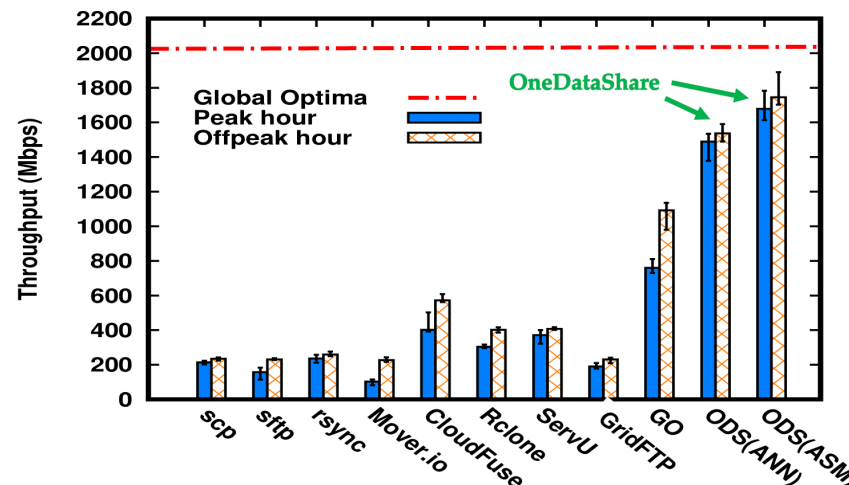
- (1) **optimization** of end-to-end data transfers and reduction of the time to delivery of the data;
- (2) **interoperation** across heterogeneous data resources and on-the-fly inter-protocol translation;
- (3) **prediction** of the data delivery time to decrease the uncertainty in real-time decision-making processes.



Just Say No To SneakerNetting!



Currently supports FTP, SCP, SFTP, HTTP, GridFTP, Dropbox, Google Drive, and Box.



Over the 2Gbps IBM interdatacenter network (with SDN) between Washington, DC and San Jose, CA.

Available as a **open-source** cloud-hosted service for the community at:

www.onedatashare.org

