

1. Read paper "IntelligentWorkload Factoring for A Hybrid Cloud Computing Model"

Author: Hui Zhang, Guofei Jiang, Kenji Yoshihira, Haifeng Chen and Akhilesh Saxena
NEC Laboratories America
Source: 2009 IEEE Congress on Services

- 1) Propose the an internet-based hosting scheme both using local data centers and cloud on-line service.
- 2) propose a workload factoring algorithm that treats base load and peak load separately.
- 3) Consier a warm-up method to increase the hitting rates of a cache mechanism

2. Read paper "ISP Uplink Pricing in a Competitive Market"

Author: Qian Wang, Dah Ming Chiu, John C.s. Lui
CUHK
Source: 15th Int. Confernece on Telecommunications (ICT), 2008.

- (1) Advocate that uplink and downlink of subscribe connnection should be treated separately.
- (2) Similar charging plans for an ICP's link should be also applied to a user whose uplink is high.
- (3) Use game theoretic analysis to suggest possible outcomes.

3. Science Clouds

It provides compute cycles in the cloud for scientific communities.
Potential for scientific and educational projects to experiment with cloud computing.
Still work on it.

- * Nimbus @ University of Chicago
- * Stratus @ University of Florida
- * Wispy @ Purdue University
- * Kupa @ Masaryk University