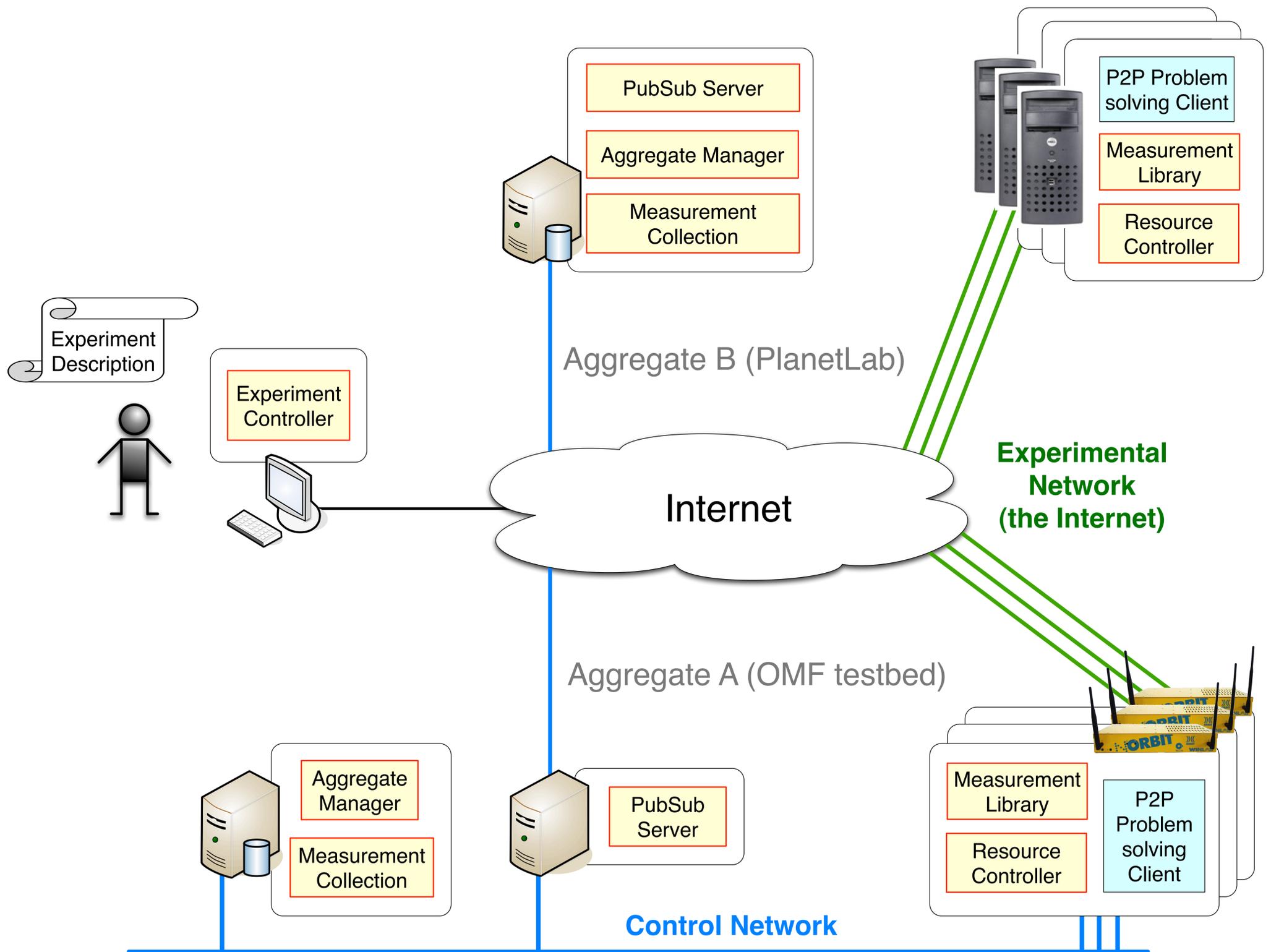


# Demonstration of the Federation of OMF Control Framework with PlanetLab

Measuring TCP throughput and MAC transmission rate over 802.11g



## Scenario:

- Distributed Application for Problem Solving
- Obstacle Problem (Fixed Point Problem)
- Peer Application deployed on resources:
  - on an OMF-managed testbed
  - on machines on PlanetLab
- OMF Control deployed both type of resources
- OMF Measurement deployed both type of resources
- OMF Aggregate Manager deployed for each testbed

Epsilon (precision of solution) vs Time (s) for two runs with 2 and 4 peers, respectively

