Metrics and an API for Green Computing on the Cloud
Content

- Frameworks for Green IT
- Small steps to an integrated profile
- Aim of today's meeting
Framework

• To accurately track energy utilization of IT we need to know several things
  • What are the data centre services doing?
  • Which servers are being used?
  • What software is being used?
  • How heavily utilized are all of these?
Small Steps

- Data centre information standards
- Operations distribution and utilization measurement including internal operations planning
- Accounting and measurement of direct impacts
Today's aim

- Standards for data centre reporting
  - Services, mapping and distribution
  - Measurements
    - Centre underlying operations
    - Server operating parameters
  - Standard interface for Datacenter management systems to program against