

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