

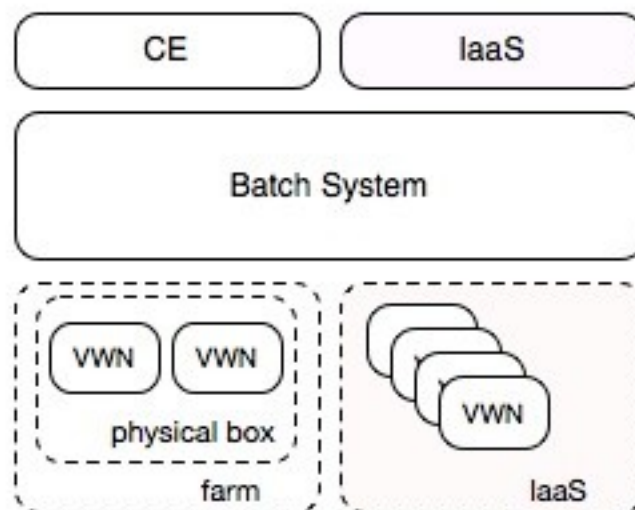
Grid and Cloud Integration at INFN

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**OCCI API - Discussion
The 26th Open Grid Forum
Chapel Hill, NC, USA
May 28 2009**

Grid and Cloud Integration

- We are Grid service providers and users developing and running a production grid
- In addition to Grid services, we want to have available also cloud services for our users, with coherent authorization and sharing, mediated by the batch system
- We want to be able to expand the capacity of our computing centers through dynamic provisioning from IaaS vendors



Why we are working on OCCl

- **We are considering using the OCCl IaaS API as the interface for our service**
- Users of our IaaS services will be able to choose between OCCl implementors where to 'buy' their infrastructure
- **We hope many IaaS vendors will adopt the OCCl IaaS API**
- A common interface for IaaS vendors will allow computing centers managers to easily switch between IaaS vendors in the dynamic provisioning of their infrastructure