



Grid Computing

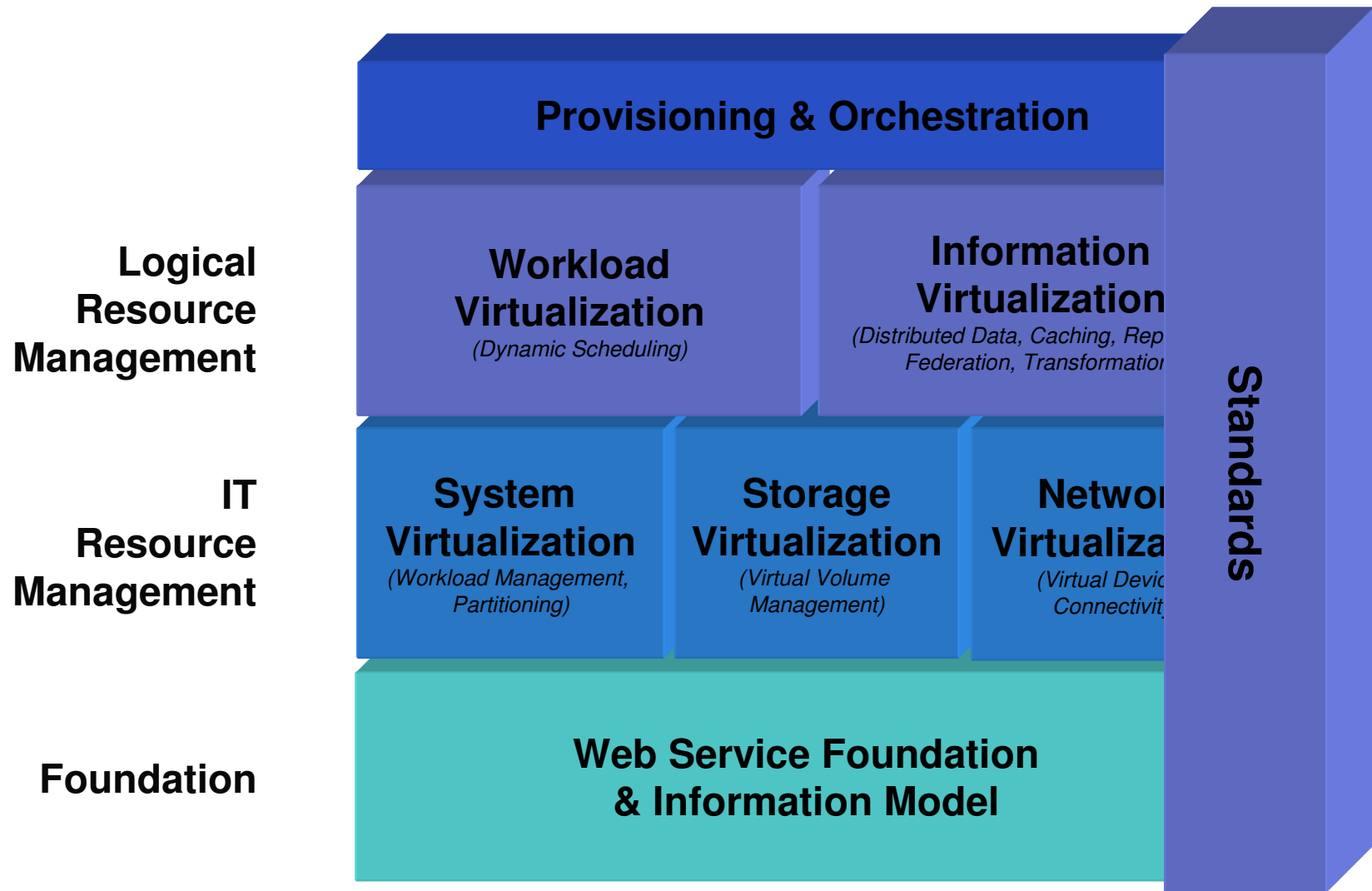
Perspectives on Grid and Virtualization Advances

EGEE4, 25 October 2005

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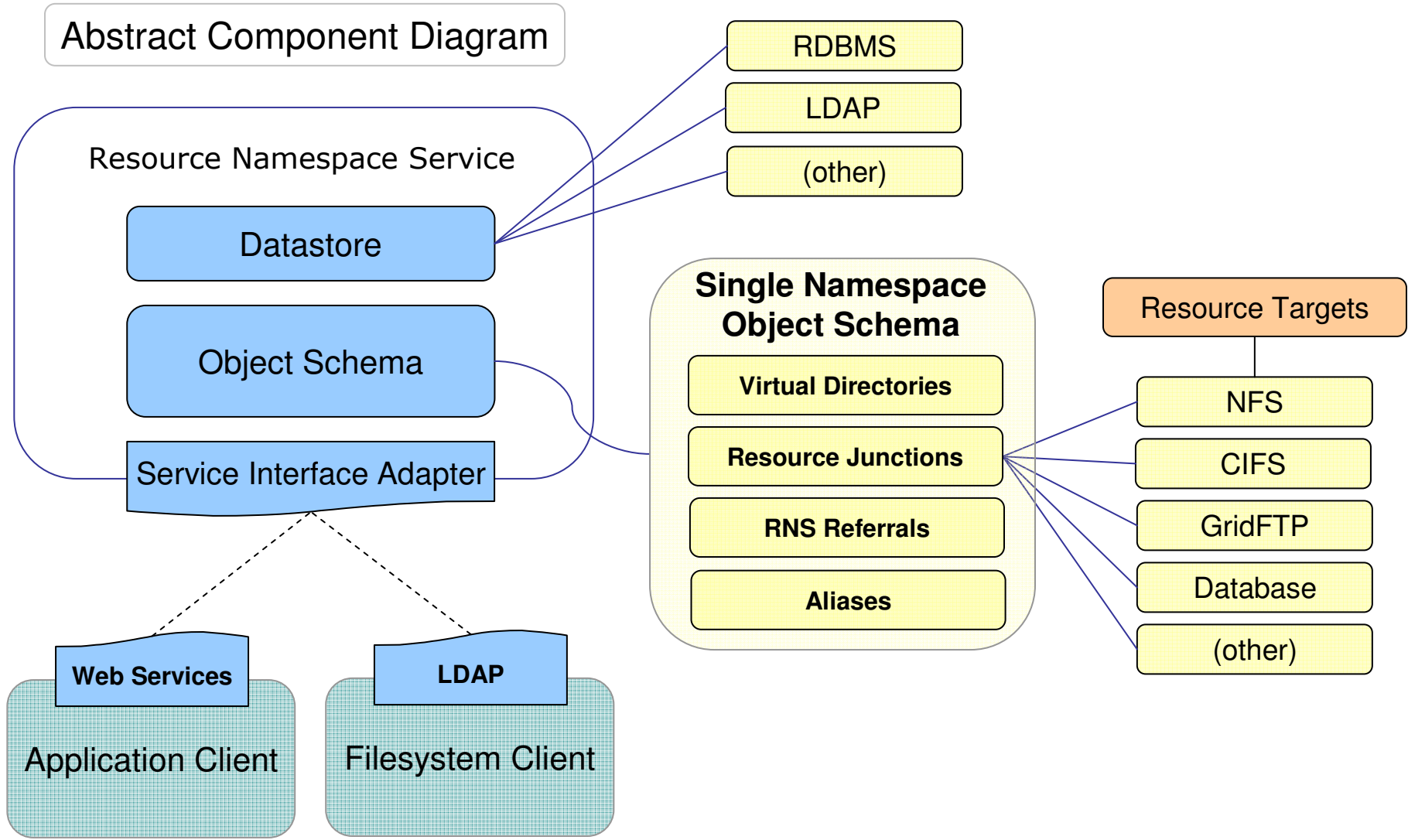


Grid Computing Components (Grid Middleware)

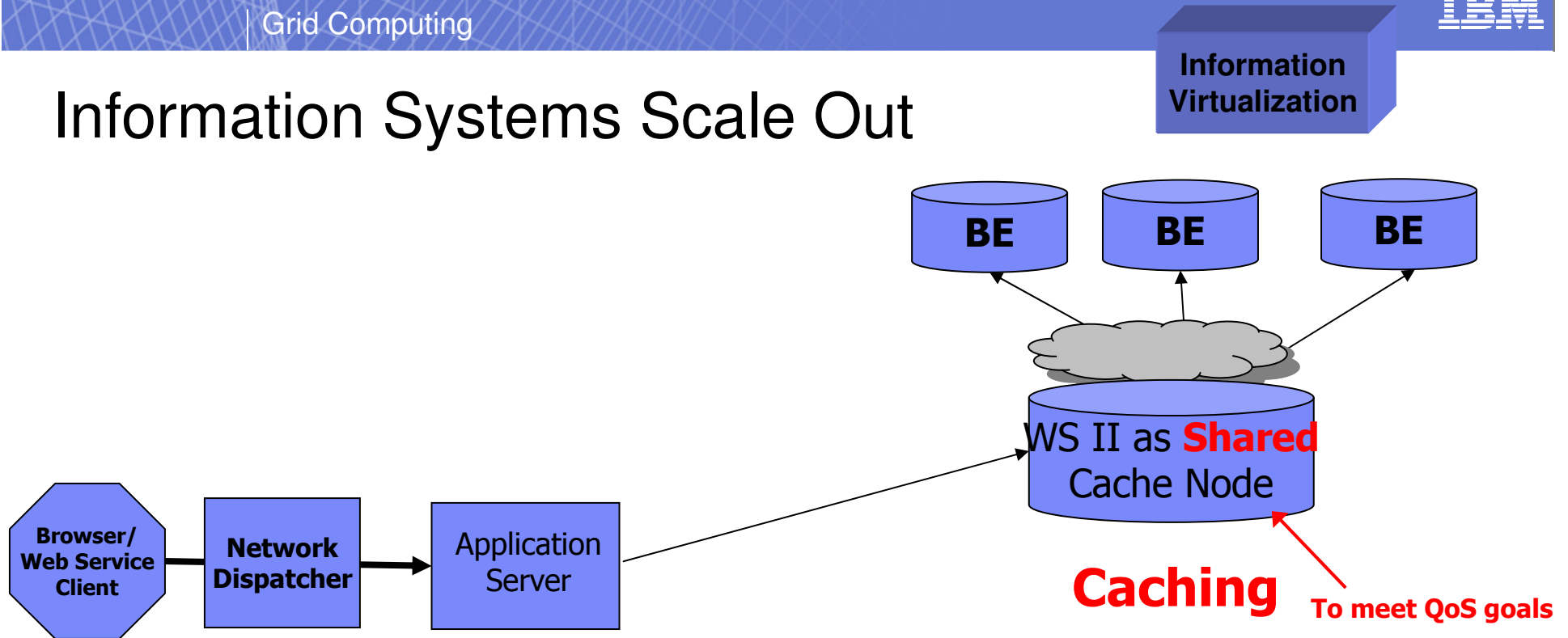


Resource Namespace Service (RNS)

Abstract Component Diagram



Information Systems Scale Out



Challenge: What to Cache?

Approach: Intelligent and Adaptive Caching (closer to App srvr)

Components:

- Data Placement Advisor (DPA) for Intelligent Caching
- Monitoring for Adaptive Caching
- Autonomic Replication Management Service for maintaining Cache Consistency

COMFORT

Provisioning & Orchestration



Software Developer



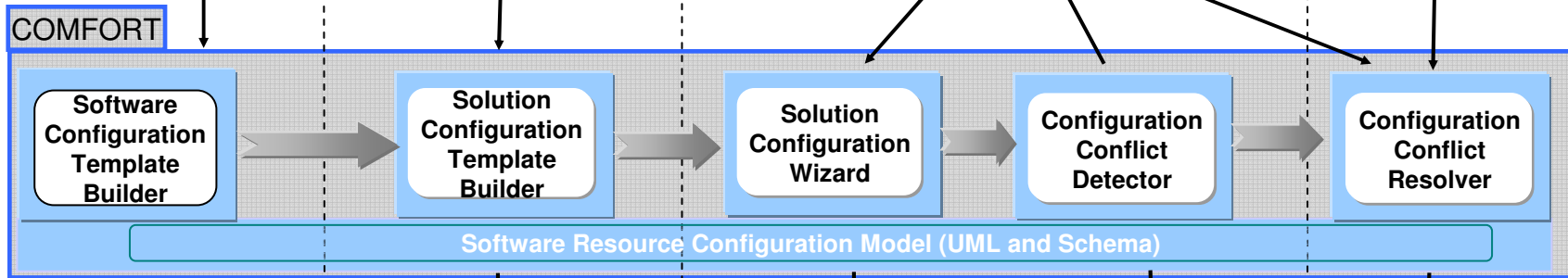
Solution Integrator



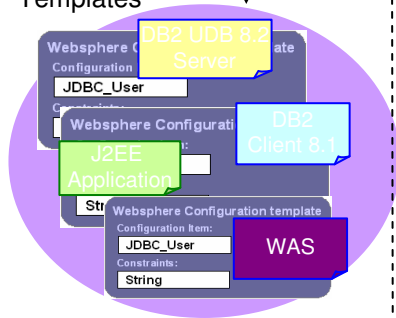
Solution Deployer



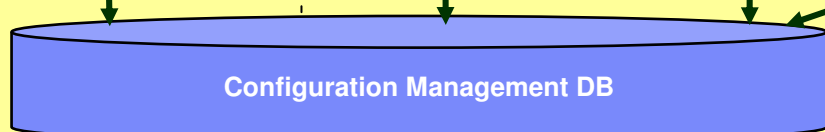
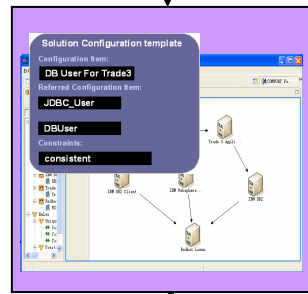
DataCenter Operator



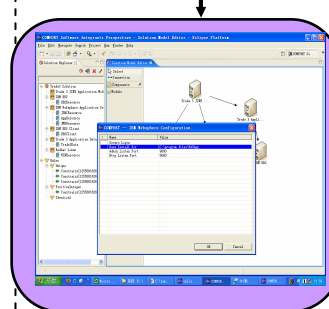
Software Configuration Templates



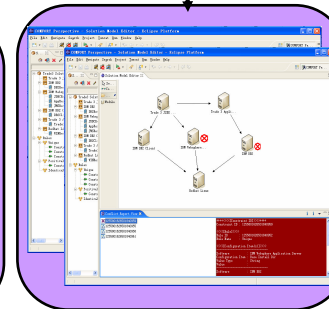
Solution Configuration Templates



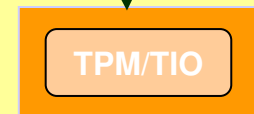
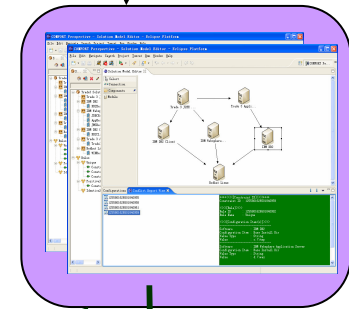
Configuration Item Value



Configuration Conflict Report



Conflict-free Configuration





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Thank You!

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