



From Real to Virtual - How to Provide a High-Availability Computer Server Infrastructure

**R. Kapeller, R. Krempaska, H. Billich, P. Huesser,
C.Higgs, H.Lutz**



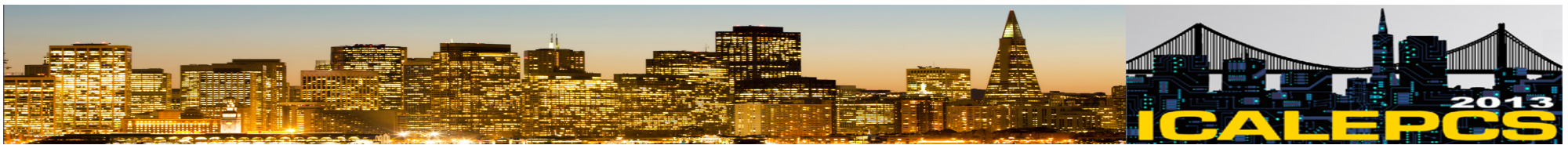
Paul Scherrer Institute, Switzerland
www.psi.ch

October 2013



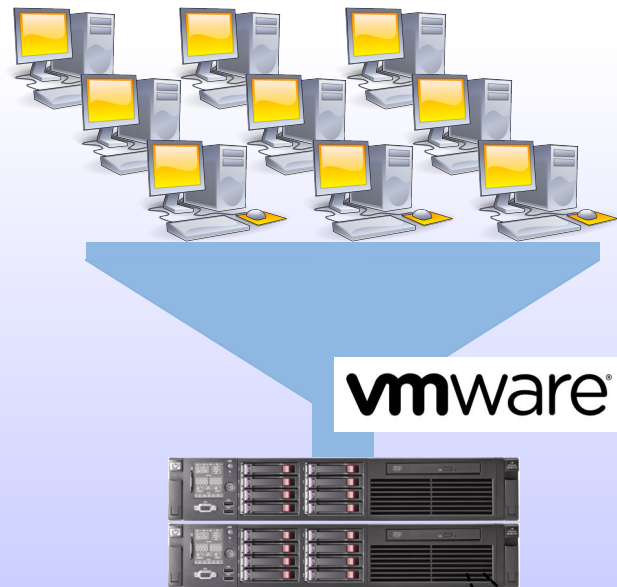
Subjects

- ▶ What services/servers are virtualized?
- ▶ Why to put services on dedicated systems vs. running them all on a single host?
- ▶ The (long) path from bare metal to high availability virtual server and storage systems.
- ▶ Uniform network installation and centrally managed configuration.
- ▶ Backup & Disaster Recovery.



The final aim

Server Virtualization



Storage Virtualization

