

Cloud Innovation for Science: How is Cloud Computing like a Horseless Carriage?

Kate Keahey

keahey@mcs.anl.gov

Mathematics and Computer Science Division,
Argonne National Laboratory

Computation Institute, University of Chicago

Horseless Carriage



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Technical Innovations



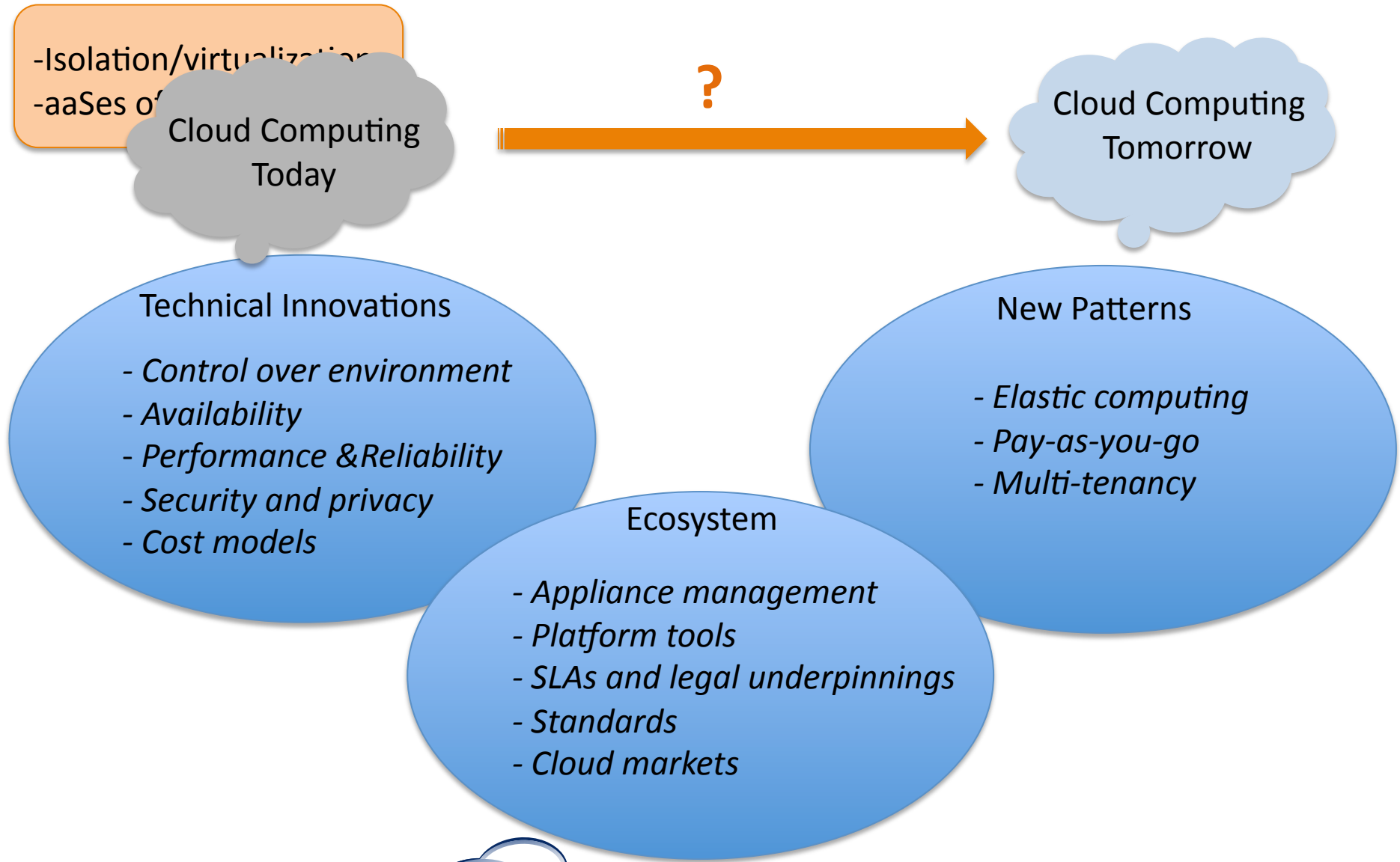
New Patterns



Ecosystem



Cloud Computing as Horseless Carriage



Parting Thoughts

- Outsourcing computing for science
 - Benefits
 - Economy of scale, access to different resources, no operation overhead, more flexible use
 - Criteria
 - Does it provide the right offering? Is it scalable? Easy to use? Easy to outsource? Cost-effective?
 - Outsourcing by degrees
- A virtuous spiral
 - Mohammad and the Mountain: will clouds change or will scientific computing?
 - See www.scienceclouds.org