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Application Placement and Demand Distribution in a Global Elastic Cloud: A Unified Approach
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To Reserve or Not to Reserve: Optimal Online Multi-Instance Acquisition in IaaS Clouds
Wei Wang, Baochun Li, and Ben Liang, University of Toronto

Elasticity in Cloud Computing: What It Is, and What It Is Not
Nikolas Roman Herbst, Samuel Kounev, and Ralf Reussner, Karlsruhe Institute of Technology

K-Scope: Online Performance Tracking for Dynamic Cloud Applications
Li Zhang, Xiaqiao Meng, Shicong Meng, and Jian Tan, IBM T.J. Watson Research Center

System Resource Management
Adaptive Performance-Aware Distributed Memory Caching
Jinho Hwang and Timothy Wood, The George Washington University

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Autonomic Management of Dynamically Partially Reconfigurable FPGA Architectures
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FMEM: A Fine-grained Memory Estimator for MapReduce Jobs
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PACMan: Performance Aware Virtual Machine Consolidation
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Coriolis: Scalable VM Clustering in Clouds
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