Record Nr.	UNINA9910510495203321
Autore	Yang Ken Qing
Titolo	Proceedings of the international workshop on Storage network architecture and parallel I/Os / / Ken Qing Yang
Pubbl/distr/stampa	New York, New York : , : Association for Computing Machinery, , 2003
Descrizione fisica	1 online resource (83 pages)
Disciplina	621.381534
Soggetti	Energy storage
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	I would like to welcome all attendees for coming to this workshop. In particular, I would like to thank the authors for submitting their research work to the workshop and to share their ideas and technical contributions with us today. Over the past 50 years, computer architects have put forth tremendous amount of efforts in improving performance/cost of CPUs. As a result, we enjoy greatly today the success of such efforts that have changed completely our life. At the same time, the speed gap between CPU and data storage has increased dramatically to several orders of magnitudes making data storage become the major bottle-neck of a computing system and hence a critical area to be worked on for further development of computer technology. Moreover, Data are the "life-blood" of computing and the main asset of any organization. As a result, data storage is playing a central role in today's fast growing networked information services as demonstrated by the fact that storage accounts for 50% of total IT spending of any organization in 2001 increased from 37% in 1998. It is predicted to be 75% of total IT spending in year 2003 while servers account for only 25%. Therefore, disk I/O and data storage on which data reside are becoming "first class citizens" in today's information world. SNAPI 03 focuses specifically on storage network architecture and parallel I/Os. Although our call for papers went out very late, we got very good responses and reasonable amount of submissions (16). Each submitted paper was reviewed by at least two reviewers with one

1.

or more of the reviewers being program committee members. We finally selected 9 high quality papers to be presented in this workshop. The decisions were based on the perceived quality, originality, and appropriateness to the theme of the workshop. The mix of selected papers reflects the unique nature of the workshop in bringing together researchers and practitioners from academia and industry to discuss cutting edge research on parallel and distributed data storage technologies.