Concept for system virtualization in the field of high availability computing

By Stephan Winter

GRIN Verlag Aug 2007, 2007. Taschenbuch. Book Condition: Neu. 212x149x6 mm. This item is printed on demand - Print on Demand Neuware - Bachelor Thesis from the year 2007 in the subject Computer Science - Software, University of Paderborn, 14 entries in the bibliography, language: English, comment: This work will give insight on the current developments in the field of server virtualization and the various techniques involved in it as well as a short historical overview about when the first types of virtualization were introduced. The findings will mostly be supported by examples of current virtual environments (especially the XEN project). , abstract: Server virtualization is currently a field of IT which is undergoing a rapid development. Introducing an even spread of performance on server farms which results in a good TCO (total cost of ownership), virtualization has already got the full attention from industry, resulting in massive participation and huge acquisitions. With server virtualization the size of server farms can be reduced dramatically, resulting in a lower total cost of ownership and (by using techniques like Linux-HA in virtual environments) increased availability. Even with an overhead of 10-20% on the layer of virtualization it is still very interesting since...

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