

# Virtualization Approaches for ISS Servers beyond Virtual Machine Technology

–Abstract–

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Virtual Machine Technologies like VMware ESX are one of the most important solutions for ISS Servers today and will be in the future. It has a strong impact on the processor and server architecture but also the operational procedures in modern data centers. It is a very efficient method to consolidate the sprawl of underutilized servers and it is more or less the only way to increase the life cycle of legacy application scenarios.

But Virtual Machine technology has also significant restrictions today and do not solve all the pain points data center manager facing today. This presentation will show the typical usage scenarios of Virtual machines on ISS Servers today and give you an outlook how this technology will develop in the future and which additional scenarios will be addressed with. But it will give you also an overview about additional Virtualization solutions which overcome the restrictions of classical VM technology or scenarios where VM technology is not the applicable approach.