

DATA PROTECTION IN A VIRTUALIZED ENVIRONMENT - ISSUES AND SOLUTIONS

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Abstract

Virtualization is the creation of a virtual (rather than actual) version of something, such as an operating system, a server, a storage device or network resources. Virtualization lets you run multiple virtual machines on a single physical machine, with each virtual machine sharing the resources of that one physical computer across multiple environments. Different virtual machines can run different operating systems and multiple applications on the same physical computer. This paper discusses about different aspects of virtualization like network virtualization, storage virtualization, Desktop virtualization, server virtualization etc., and also the data protection challenges in the virtualized environment.

Keywords

Virtualization, Data Protection, Network Virtualization, storage virtualization, Desktop virtualization, server virtualization, storage environment