

A Highly Versatile Virtual Data Center Ressource Pool

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Different virtualization techniques are in use at the DESY data centers, with Xen servers being the dominant hypervisor. Besides its open source implementations, DESY, location Hamburg, has set up a pool of DELL servers with NetApp storage and Xen Enterprise software to provide a highly available, scalable, and versatile environment for managing data center services on various Windows and Linux flavoured operating systems. The system currently supplies 90 paravirtualized servers on 18 dual CPU servers.

We will provide an overview of the implementation, its integration with installation services and storage systems, use of features like HA, Snapshotting, Ontap connection, and central administration.

We will present advantages and limitations of our approach and our recent upgrades to the pool.

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