Be greener, more reliable and get more performance

The Problem

For a school to fully safeguard against most hardware failure scenarios would cost more money than most schools will have budget for:

- How does a school overcome the sudden loss of an important server during the exam season?

- What is your school's disaster recover plan and could it be actioned within minutes instead of hours or even days?

- Do you have a server per function within school?

- Would a server problem impact on multiple critical services across the school?

- How are you managing your servers and at what cost?

Overview

Citrix XenServer™ is the only FREE enterprise-class, cloud-proven virtualisation platform that delivers the critical features of live migration and centralised multi-server management at zero cost of entry. XenServer is an open and powerful server virtualisation solution that radically reduces server costs by transforming static and complex servers into more dynamic, easy to manage ICT service delivery centres.

By providing features like live migration, shared storage support and centralised multi-server management (even in the free entry-level version), XenServer enables any school, no matter the size or budget, to immediately take advantage of the power of server virtualisation to the benefit of the students and staff with clear future proofing.

Easy set-up and administration - XenServer has a unique management architecture that eliminates single points of failure. ICT staff can manage hundreds of virtual machines easily.

XenMotion - Get your weekends back by managing and maintaining your physical hardware during business hours. The live migration functionality of XenMotion™ can move virtual machines to other physical hardware, with zero downtime, allowing you to patch and update your machines without your users ever knowing.
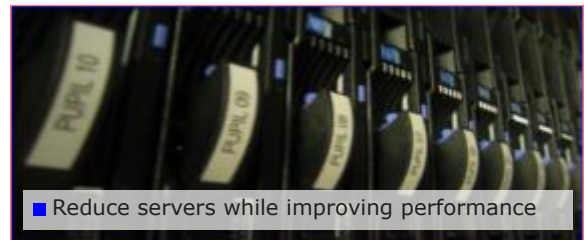
Premium versions of XenServer

The features in the Free version of XenServer are enterprise-ready, but there are low-cost upgrades to add more automation and management features.

XenServer Advanced Edition adds High Availability (HA), dynamic memory and mixed hardware pools.

In additions, XenServer Enterprise adds provisioning services, delegation of administration (including web-based access) and dynamic Work Load balancing.

XenServer Platinum adds high-end features such as site-to-site disaster recovery and provisioning of Physical hardware.

■ Reduce servers while improving performance

Education Benefits

- Reduce physical servers to save energy costs and upgrade concerns

- Eliminate any downtime to the network for maintenance or technical issues

- Provide a solution that allows the school to run every day and night to support Anytime Anywhere Learning

- Be able to be flexible with what servers are doing and to address quiet and busy times

Services from Precedence

Working with Precedence Technologies, who have been serving schools for over 10 years, you can be sure that your move to virtualisation will be pain-free, quick to implement and with first-class ongoing support.

Also, when purchased with an IBM Storage System, you will also benefit from flexible storage for your virtual servers and users and curriculum files.

CALL 08456 446800 NOW to find out more!

CITRIX® partner

Solution Advisor

Freedom and Flexibility with Curriculum Storage

The Problem

As a school relies more on information held electronically, the amount of data that schools are required to hold increases significantly. At present, most schools will purchase and manage an additional server (likely to be an additional domain controller) or some form of basic storage like a NAS Box.

The issue with this is that the range of data required is distributed across these servers so the school faces increasing costs and complexity along with the risks of server failure and shortage of storage space. There is no redundancy so failure of a server has immediate impact.

The Solution

The IBM Storwize™ V3700 paves the way for schools to take advantage of consolidating and sharing their data within a Fibre Channel (FC) SAN solution. The V3700 adds the most advanced front-end 8Gbps FC technology to IBM time-proven designs for enterprise-class RAID storage.

With both FC and iSCSI host connectivity and SAS back-end technology, the V3700 is designed to improve productivity through data consolidation, availability, performance and scalability.

- Very competitive prices allow schools to adopt state-of-the-art technology

- Dual 4x 8Gbps Fibre Channel direct connect, coupled with redundant 1Gbps iSCSI

- Award-winning management using simply a web-browser

- 12x 3.5" or 24x 2.5" hotswap drives per enclosure (either SAS or NL-SAS per tray) making this a very expandable and scalable solution

Educational Benefits

- Compatibility with all major brands of server hardware gives an easy upgrade route for existing school servers

- Affordable, robust and reliable storage for small and medium school budgets with low ongoing costs

- "Start small, grow big" scalability with redundant expansion supporting up to a maximum of 120 drives

- Premium features available for additional functionality and flexibility to allow you to maximise your storage for every student and staff member

Hardware Summary

- 2U rack mount enclosure with 12 or 24 easily accessible drive bays; no redesigning your server cabinet to accommodate

- Support for dual-port and hot-swappable SAS and NL-SAS disks. Expandable by attaching up to four expansion trays

- Scalable to 180TB of storage capacity (using 3TB NL-SAS disks) in 10U of space.

- Integrated 1Gb iSCSI with 8Gb FC and 10GbE iSCSI options

- Built-in reliability features with full redundancy throughout, including spare controllers, power supplies and hard disks. If anything fails, it will not stop the lessons

- Three-year limited warranty on parts and labour for peace of mind with upgrade options available.

Services from Precedence

Precedence Technologies has been an IBM Business Partner for over 10 years, so you can be sure that your SAN solution will be maximised and configured to suit your individual school and curriculum needs.