

Virtualisation

VMWare vSphere

Whether implementing server, desktop, application, network or storage virtualisation, BDS will help you select the most appropriate solution from the industry leading vendors. Our consultants will provide the expertise to ensure the successful implementation of your virtual environment, support by our N3-connected service desk.

VMware vSphere is a server virtualisation platform provided by VMware. It serves as a complete platform for implementing and managing virtual machines (VM) infrastructure on a large scale.

vSphere enables IT departments to efficiently place application workloads on the most cost-effective computer resource available.



vSphere ESXi—a robust, high performance virtualisation layer that abstracts server hardware resources and makes them shareable by multiple virtual machines

High availability—delivers high availability across your entire virtualised IT environment without the cost or complexity of traditional clustering solutions

Data protection—delivers storage-efficient backups through patented variable-length deduplication, rapid recovery and WAN-optimised replication for DR

Storage Thin Provisioning—Increases virtual machine storage through dynamic allocation and intelligent provisioning of physical storage capacity

vCenter Server—provides centralised management for the vSphere platform

vMotion—eliminates application downtime due to planned server maintenance by migrating live virtual machines between hosts, across clusters, distributed switches, vCenter Servers and over long distances



Efficient Storage—reduce the complexity of back-end storage systems and enable the most efficient storage utilisation in cloud infrastructures

Network Services—Get network services optimised for the virtual environment, along with simplified administration and management

Platform Automation—Lower operating expenditures and minimise errors by streamlining routine tasks with vSphere's accurate and repeatable solutions

Consistent Management—maximise the benefits of your virtual data center with unified easy-to-use operations management

Robust Security - Protect your data and applications with the industry's most secure 'bare-metal' server virtualisation platform

For more information please contact BDS Solutions on **01884 33440** or visit **bds-solutions.co.uk**

BDS Solutions is a technology partner for NHS organisations throughout the country. BDS deliver, develop and support Microsoft, VMware, Citrix and Dell products together with associated 3rd party and in-house developed security and management software. BDS Solutions is ISO9001:2008 accredited, IGSoc compliant and provides dedicated service desk support for NHS organisations via N3.

