datastore365
the cloud specialists

VIRTUAL INFRASTRUCTURE

IaaS

Complete control

Datastore365's Cloud2Day Virtual Infrastructure offers a real alternative to dedicated servers and on-premise machines whether for disaster recovery, test and development or of course a full production system.

Cloud2Day from Datastore365 is the next generation of server environment, replacing the conventional concept of the dedicated server. Datastore365 provides resources that look and feel exactly like dedicated servers but are balanced on top of a powerful cloud computing platform. We allow you to directly control the amount of processing power and space you use, meaning you don't have to pay for hardware you don't need. Changes to your dynamic server can be made at any time, on the fly, without the costs associated with moving from one server to another, and all resources are available without capital expenditure.

The Cloud2Day VMware vCloud Powered virtual infrastructure is the next generation of server environment, and is designed to address the inefficiencies of the in-house server model and the limitations of dedicated servers. Doing away with the restrictions and hassles associated with having to own, manage and maintain server hardware, virtual servers instead offer ready-to-use, fully supported server capacity on a simple monthly subscription basis. However, our virtual servers don't have to act as islands – they can be fully integrated with your existing networks to behave as a seamless extension of your infrastructure.

All of our services offer a 99.5% uptime guarantee.

- Secure, resilient and highly available
- Flexible and scalable
- Automated and fast provisioning from predefined templates
- Adoptable infrastructure to fit your growing business requirements
- Cost effective Opex pricing model

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Our virtual infrastructure servers look and feel exactly like traditional dedicated servers but, because they're based on our state-of-the-art cloud computing grid infrastructure, you have instant access to an almost limitless pool of computing resources. As such, changes to your server can be made on the fly, without any of the headaches or cost penalties associated with moving from one server to another. Thus, whilst you're guaranteed a minimum level of resources, you've always got access to more should you need them.

Additional RAM, CPU and disk space can all be added and removed at the click of a button, without any need for rebooting, providing you with a truly agile, scalable server environment. This means you don't have to over-subscribe in order to provide for seasonal peaks or unanticipated demand, you can just expand server resources as and when they're needed.

Importing Existing VM Infrastructure: You can even import existing physical or virtual servers into the cloud, helping you quickly migrate and rationalise costs without having to add disruption to process.

Operating System: The operating system which is stretched over the set of resources allocated. Currently Windows and Linux are the two options customers can create, but these can inhabit the same networks for a heterogeneous environment.

Virtualisation Layer: Virtualisation and clustering are two ways of generating pools of resources from which services can be of generating pools of resources from which services can be deployed and launched. Virtualisation allows the scaling up and down elements such as CPU on the fly.

Cloud Compute Pool: At Datastore365 we are able to create virtual servers from our hardware platform, offering the same abilities as physical servers but made up from dedicated resources assigned from a pool of compute resources consisting of CPU, memory and storage. We can present this mass of computing power as single or multiple devices within your very own Virtual Datacentre (vDC).
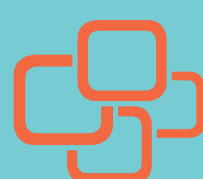
- You're in control - deploy servers yourself 24/7

- Enhanced agility - with a simplified, self managed provisioning process

- Scalability at your fingertips - capacity on demand, no need to liaise with providers

- Ability to simulate a production environment - reduce costs during the development cycle by simulating production

- Best practice installation on a tried and tested platform

- Pay As You Go - straightforward and transparent PAYG billing model

- Drive down IT costs and meet virtual DR (DRaaS) objectives - with virtualised workloads

- Faster time to market - create servers in minutes in response to business demands

- Quickly develop infrastructure and reduce error rates - immediate access when you need it

- Maintain security and control over multi-tenant environments with policy-based user controls and VMware vShield™ security technologies

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