

Overview

Virtual Servers provide a flexible and rapidly scalable solution, with the same interface experience as dedicated services but with greater availability and a lower cost. A complete solution can be provided from Interoute's virtual range of servers, storage, firewalls and traffic management.

Unlike other cloud services, Interoute's Virtual Hosting leverages enterprise class network, server and storage infrastructure and provides full versions of operating systems and applications. All virtual devices are configured for high availability, so in the event of a hardware failure the service will automatically restart on an alternative, meaning near zero downtime whatever the application.

Virtual Servers are provisioned allocating resources from an "in the cloud" shared infrastructure of processors, memory and storage. Onto this virtual infrastructure, virtual servers are built using the same operating systems as their dedicated counterparts, and include the same (but virtual versions of) hardware found in a traditional physical server, such as a VGA card, CPU, RAM and storage.

A solution can be as simple as a single server or as complicated as a multi-tier, multi-server environment using a mix of physical and virtual hardware and operating systems. A Managed Solution may combine one or more servers, firewalls, load balancers and switches dedicated exclusively to you, the customer.

Technical Service Details

Virtual Servers Specification Table.

Service	CPU	RAM	Storage	Operating Systems*
Small	1 x vCPU	4GB Max	50-250GB (Increments of 50GB)	Windows 2003/8 Server Standard Windows 2003/8 Server Enterprise RedHat Linux Enterprise CentOS
Medium	2 x vCPU	8GB Max	50-500GB (Increments of 50GB)	Windows 2003/8 Server Standard Windows 2003/8 Server Enterprise RedHat Linux Enterprise / Advanced CentOS
Large	4 x vCPU	16GB Max	50-750GB (Increments of 50GB)	Windows 2003/8 Server Standard Windows 2003/8 Server Enterprise RedHat Linux Advanced Platform CentOS

**Operating systems available in both 32 and 64bit architectures*

Customer Requirements

Should you require additional storage outside of your primary virtual drive, such as for an MS SQL Server database, this storage is configured as a separate drive from the storage infrastructure and presented directly to the Operating System as a local hard disk.

Benefits

- Scalable and flexible
- Performance on demand
- No need for costly dedicated hardware
- High availability for all applications
- Strong security
- Daily backups
- Online reporting, support and performance dashboard
- 24x7 support
- Leading Service Level Agreements

Related Applications

Apache

IIS

JBoss

MySQL

MS SQL 2005 / 2008

PHP / Tomcat

Related Services

Domain Manager

Hosted Mail

Service Options

Service options are built through the combination of VM specification and operating system choice made during the online order process.

Product Codes

VM Description	Code
Small Server	CON-MHVSrv-S
Medium Server	CON-MHVSrv-M
Large Server	CON-MHVSrv-L

Supported Features and Options

- Applications Managed by Customers or Third Party Contractors
- 24/7 Hardware and OS Monitoring
- Complete Hardware and OS Management
- Standard or Customized SLAs
- Performance Monitoring and Statistics
- Weekly Full and Daily Incremental Data Backups
- IP and/or MPLS VPN connectivity
- Fully Redundant Solutions Available (Redundant within a single Datacenter)
- Geographically Diverse Solutions Available (i.e. Solutions Hosted in two or more Interoute Datacenters)
- Customers granted Full Administration rights to Operating systems
- Symantec Anti-Virus included with all Microsoft Windows Systems
- Full hardware redundant solution
- Increase CPU, RAM and disk space as and when required

How to order

Order online at <http://www.interoute.com/enterprise/hosting/virtual-hosting-services>

