



Reduce your IT costs by “Virtualizing” your Servers.

This white paper discusses how to reduce server hardware, support and maintenance costs by using Server Virtualization.

The Increasing Cost of running your Business

As companies continue to rely heavily on more computer software in the day-to-day functioning of their businesses, they are frequently finding themselves faced with rising server hardware, maintenance and hosting costs due to ever increasing energy costs.

Whether companies host and maintain their own in-house servers or whether they use third-party hosted servers, their IT costs will continue to rise as their computing needs increase. Server Virtualization can be a means for companies to lower their IT costs and footprint by “virtualizing” their servers and consolidating a number of “virtual” servers on the same physical hardware platform.

Server Growth Problem

Companies are having to use multiple servers to support the increase in the corporate applications that help businesses stay ahead of the competition and current with technological advances. This increase in necessary computing power, unfortunately, carries a corresponding increase in computer hardware, maintenance and hosting costs.

When companies host their own servers in-house, they encounter not only the cost of purchasing and maintaining the physical computer hardware, but find that there are other costs associated with securing the servers and providing power and cooling to the servers.

Companies who host their servers at third-party hosting facilities and data centers may not have to worry themselves about the same problems, but rest assured, they are paying the third-party hosting companies to provide these services to them.

In today’s economy, rising costs are the last thing that any company wants to incur.

Server Virtualization: A Solution

Server Virtualization is the process of converting a physical server into a “virtual” server.

Converting a physical server into a ‘virtual’ server is a process whereby a full image of the physical server’s hardware, Operating System, installed software and user data is converted into a software image that can run on a computer running “Virtual Host” software. “Virtual Host” software simulates actual computer hardware and allows you to run multiple “virtual” servers on the same physical hardware. The “virtual” servers see themselves as stand alone computers and have access to all the physical hardware on the computer platform.



A “virtual” server has the same properties as a physical server but is not tied to a specific set of physical hardware.

Running multiple “virtual” servers on a single physical computer hardware platform allows you to maximize the use of physical resources in relation to “virtual” resources, thereby eliminating the cost of multiple servers and their associated support and maintenance costs and reducing your hardware footprint also helps achieve environmental objectives by becoming greener.

Implementing Server “Virtualization”

There are many different types of Server Virtualization, most of which revolve around the “Virtual Host” Operating System. Although all the main Server Virtualization products are robust and provide various desirable features, it is important that you select the product best suited for your particular configuration of computer hardware and software.

Inverselogic, Inc. is well versed in the different ‘flavors’ of Server Virtualization having implemented Virtual Server solutions for a number of its clients. We have even had to implement Server Virtualization within our own organization by consolidating 7 separate, standalone servers onto a single, high-powered computer platform.

We are currently in the process of moving more of our own internal servers to a “Virtualized” platform and have been making this transition for many of our clients in order to help them cut costs.

Server Virtualization: An Important Tool

Server Virtualization is an important tool for any organization that desires to reduce the ever increasing burden of server hardware and support costs and increase process availability and enhance business agility.

Reducing the number of physical computers that need support and maintenance in favor of virtualized servers is a very wise, environmentally friendly, and cost effective business decision.

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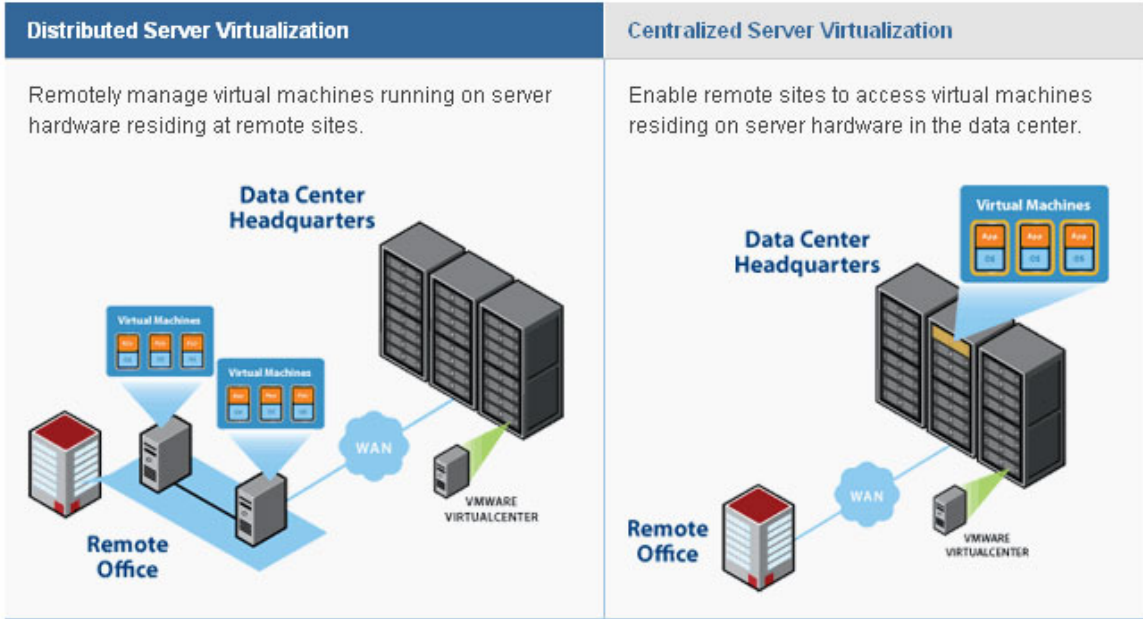


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