Understanding Desktop Virtualization

How it *transforms* your business

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Foreword

Desktop virtualization is basically creating an environment that mimics an actual machine. This virtualized desktop will function nearly the same as the mimicked machine. Learn all the information you need below.

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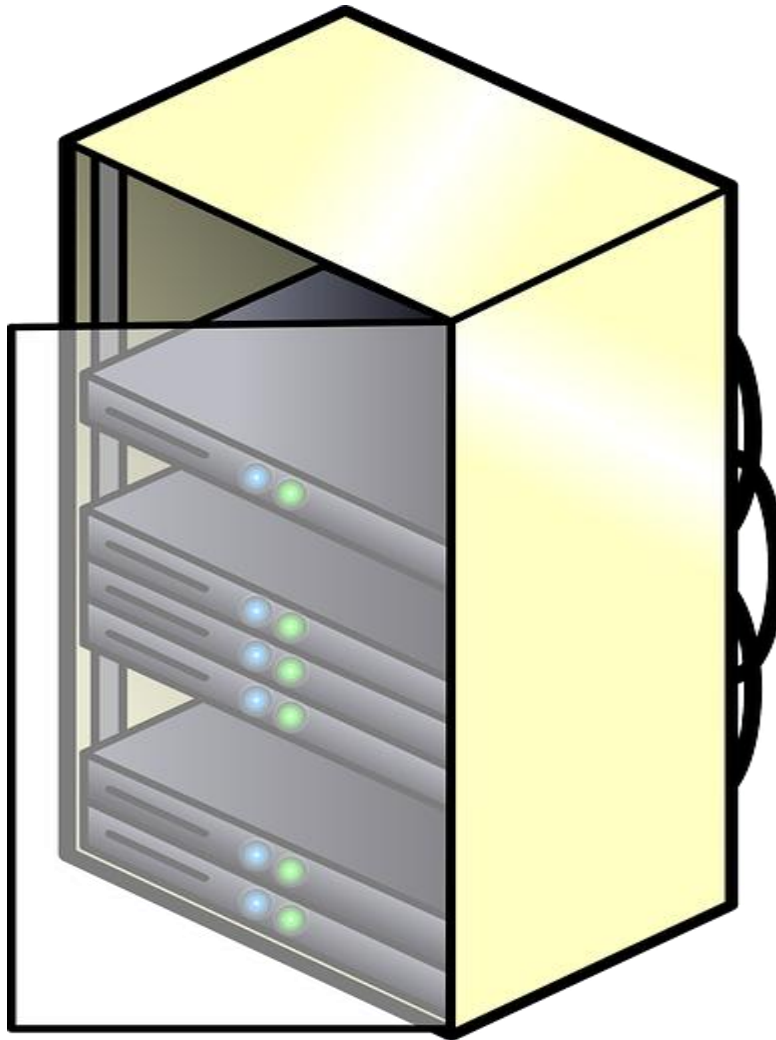How It Transforms Your Business

Chapter 1:

Synopsis

Desktop virtualization utilizes a central remote server which provides access to data and applications for authorized individuals from nearly any computer or mobile device.

What Makes It Valuable

Below you will find some of the contributing factors that make desktop virtualization so valuable.

• Easy mobility – Required tasks can be completely effortlessly and from anywhere, whether on or offline. This is a great asset for those who are constantly on the go. It provides the individual with the opportunity to set their office up nearly anywhere.

• Centralized management system – It is great for use by a team, as countless virtual desktops can be created simply by creating one template.

• Flexible controls –This offers great IT support as the desktop can be flexible yet still have some level of control over those using it. The IT admins will be able to choose what can be accessed and who it can be accessed by.

• Cost effective solutions and disaster recovery capabilities – The services of an IT team can be very expensive for a company. This is where another benefit of desktop virtualization comes in. One script can be processed and it will automatically update the other systems, saving a lot of time and money!

Chapter 2:

What Is The Role Of Desktop Virtualization

Synopsis

Basically, the role of a desktop virtualization is to make data and programs easily accessible to those who are on the go, providing them with a work station no matter where they are. There are many benefits that can come from this but it can also be very difficult if you do not know what you are doing.

What It Offers

In today's fast paced society it is crucial that we can access what we need to on the go. Everything from laptops, smartphones and tablets can be used to operate a virtual desktop. These systems can be thought of as a building block for mobility. Virtual desktop conquer these issues and ensure the applications, desktops and data are all accessible with one device, the idea is catching on quickly and successfully.

Although most users will need to be connected or have access to the application there is still a need for security and safety measures. You want to take these measures in order to prevent any security or regulatory risks. This can be done through two fairly simple ways, one of which is the traditional premise based approach of installing software and using it to manage the devices. The second choice is to use cloud, in the form of SaaS which allows the user to bring order to the often chaotic systems spread.

New technology coming out such as the iPad has largely contributed to individuals perusing to learn more about virtual desktops. These mobile devices are owed thanks as much of this would not be possible without them.

Chapter 3:

Desktop Virtualization And Its Advantages

Synopsis

Desktop virtualization is a fairly new concept. Nonetheless, it is becoming more and more popular and an increasing amount of main stream users are turning towards its benefits.

How It Helps

In most cases, when there is a need to update a system in a business, multiple employees computers will have to be updated one by one. With desktop virtualization this is no longer an issue since one machine can be used. This main machine can have the updates put on it by the administrators and save the hassle of having to do it one by one.

Another benefit that desktop virtualization offers is the fact tghat you can allow users access to certain items. Let's say you would like to offer the freedom of setting up personalized themes but would like to block access to certain administrative programs, it is possible with desktop virtualization. It offers a great amount of security ehich is great for any company. The administrator will have to assign either a server or a computer to be the host. This host is what will act as the regulatory mechanism.

Another huge advantage that desktop virtualization offers is the fact that multiple computers can be managed from one centralized computer.

Chapter 4:

Using Desktop Virtualization To Increase Flexibility

Synopsis

Desktop virtualization is a quick fix to save businesses a lot of time and money. Therefore, it is no wonder why its popularity is exploding so rapidly. No matter if your business is large or small, everyone could stand to save some money.

Increased Flexibility

In today's fact paced lifestyle, there is a huge need to be able to be flexible with your work. This is a great advantage of desktop virtualization. Desktop virtualization allows you to remotely access the files and programs you need from any device anywhere. This is beneficial for many different reasons. For example, imagine you need to leave town for a business meeting but want to keep your business running smoothly, with desktop virtualization it will be as if you never left. Another example would be if there is a problem with the system but an IT is not available. The IT will be able to access the system and fix the problem from any location. These benefits can greatly contribute to the business saving valuable time and money.

If flexibility is what you are looking for then desktop virtualization is the way to go. The desktop effectively empowers the IT to provide its users with a consistent, secure and personalized experience, regardless of the location of the user individually or as a group. As well this can be done with any device of your choice.

Another added benefit is the fact that even if internet connection is interrupted, productivity will not be affected. Desktop virtualization will give you the power to continue working, even if there are unforeseen issues.

Chapter 5:

Operating A Better Business With Virtual Desktop

Synopsis

Before jumping in feet first, it is important that you understand all the benefits that a virtual desktop has to offer and the best ways in which to use this application. This will ensure the most potential is received from the virtual desktop and it doesn't end up being nothing more than a headache.

Maximize Your Potential

You may be worried about having to change out existing PCs around the office. There is no need to be concerned about this as you will be able to continue using the same PCs with the virtual desktop. This is a great time saver as there will no longer be a need to update operating systems on individual machines. The administration and management exercise becomes easier as every attached workstation can use the same image, thus accommodating automatic updating and patched scenarios. This in turn creates an ideal platform for all the users connected to the particular business and provides them with the access to the same image, operating system and applications and this reduces the administrative and support costs considerably.

Choosing to use a virtual desktop will also save you time and money by eliminating the need to purchase and install multiple copies of software and hardware. All you need is one premium computer with a large amount of money and all the top programs and all the other PCs will be able to feely access it.

As well, if any problem were to arise with your system they can be addressed from anywhere, you do not have to physically be in the office.

Chapter 6:

Virtualizing Your Desktop The Right Way

Synopsis

Even though desktop virtualization is a great way to cut costs and time for a business, if it is not used correctly it might actually have damaging effects. This is why you should take time to properly get informed on desktop virtualization and how to use it the right way.

Do It Right

A PC is able to run more than one operating system simultaneously, which makes the virtualization software more popular for using platforms such as Mac, Windows and Mac OS X on the same device. Once the workstation 6 is available for use, the hard drive should be cleared to have enough space for a partition that can hold and install both Workstation 6 and the Linux operating systems.

Then the workstation installation should be done using the friendly wizards that VMWare has in their installer. This should take only a few minutes at most. Once workstation 6 is up and running, the New Virtual Machine button should be clicked on which will then cause the process of creating a virtual machine. Place the Linux disk the optical drive and then follow the on screen instruction. The time that will be required to complete this depends on which operating system is chosen, Now just set up your security options such as who can access what programs and information and then you are done!

Wrapping Up

So what do you think after reading this book about virtual desktops? If flexibility, time saving and cost efficiency is what you are looking for, then virtual desktops are the way to go. As mentioned before there are many benefits that can be received from using a virtual desktop. However, be sure that you are using it correctly to ensure you are maximizing the potential you can receive from it. Good luck!