

## Network Virtualization: Mobile Memory Leverages Full Potential Of Data Center Virtualization

Today's server virtualization technologies make infrastructure consolidation an affordable and reliable reality. In any given work environment, data center virtualization from a variety of vendors may well be in use, and this can add up to a lot of infrastructure. Reducing this server infrastructure has many distinct advantages to the small to mid size business, including higher utilization rates, lower CAPAX thanks to reduced infrastructure requirements, lower OPEX thanks to fewer maintenance contracts, reduced power and cooling costs, and of course, a much more flexible and dynamic computer environment. Network virtualization provides a business cost incentives as well as more optimized memory power that has the flexibility to meet the changing needs of any given business day.

### The Integrity of Your Virtualization

Considering how critical these systems play in a business's operations, data center virtualization in any given resource pool must maintain integral performance and security at all time. While consolidating applications on physical servers to server virtualization, organizations quickly realized that the new virtual environment presents a formidable challenge. How do you ensure that the supporting infrastructure can adapt to a given virtual machine within the network virtualization?

Each time virtual memory moves, the network needs to ensure that all essential memory and functions move properly within the data center virtualization. This is all the more critical when you have a mixed workload competing for the available resources of virtual memory. When so much depends on proper virtual memory flow, you can't afford to have blips in the system, as these can quantifiably cost your company greatly.

### Automated Flow For Easy Virtualization Management

Today's programs automate these functions to minimize the capacity for human error in your network virtualization. You can use server virtualization on a number of multiple machines to completely back up your system so there is always virtual memory flowing through the pipes. By using data center virtualization among multiple servers that are then tied in together through a complete system, your system is guarded against breakdown. You get complete backup for your virtualization needs, even as the work demands change and fluctuate throughout the workday.

### Mobility Increases the Value of Your Virtual Memory

To fully realize the optimized potential of your server virtualization environment, the ability to freely move virtual memory anywhere within your network virtualization while ensuring the integrity and security of the system proves to be essential. Mobility exponentially increases the power and flexibility of your data center virtualization, allowing you to rapidly scale out new applications, balance workloads, deliver high levels of available virtual memory on demand, and quickly recover from a site disaster through a cross-referenced resourced system of backup.

Get the most of your virtualization by having the mobile virtual memory capabilities through a complete system of network virtualization. Give your server virtualization the proven flexibility it needs to meet changing demands. Mobility leverages the potential of your data center virtualization.

### About the Author

Viognier Sampson is the author of this article on [Virtualization](#). Find more information about [Network Virtualization](#) here.

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