VIRTUALIZATION
Tap into the best technologies available through Managed Virtualization

MANAGED VIRTUALIZATION HOSTING
Server virtualization is a growing reality for businesses, and Atlantic.Net’s Managed Virtualization provides a flexible hosting solution that utilizes enterprise-level hardware running industry standard hypervisor software. Running your business from a virtual server environment allows you to decrease operational costs, improve system resource utilization, and maintain greater control over your infrastructure.

SUPPORTED HYPERVISORS
Not every virtualized environment is the same. Our goal is to deploy the best solution for you! Regardless of which hypervisor you choose, we manage and support your virtualized configuration, 24x7x365.

- Microsoft Hyper-V 2.0/3.0
- VMware vSphere 5.1
- Microsoft Hyper-V 2.0/3.0

MANAGEMENT INCLUDES:

SYSTEM ENVIRONMENT
Up-to-OS management and support. Active administration of host server resources, including CPU, network, and hard disk utilization.

CLUSTERING
Offers the ability to migrate VM to another host server in case of system failure or load balancing between servers. Allows for redistribution of Virtual Machines amongst multiple host servers and the ability to configure a shared storage node to provide VM Hypervisor management and automated failover of a clustered computing node. This is done by increasing memory/CPU per computing node, since VM hard disks are located on a shared storage.

REPLICATION AND MANUAL FAILOVER
Virtual Machine replication is designed to provide cross-node fault tolerance by increasing the necessary storage, memory, and CPU requirements per computing node. Low Recovery Point Objective.

VM PROVISIONING
VM creation, cloning, and removing. Initial private networking setup and VLAN tagging (to segment traffic between individual VMs). A self-service portal enables you to start, stop, and console in to any configured VM.

SYSTEM UPDATES
Prior to updating the host server, each new update is reviewed and tested to ensure that there are no issues with the system. Any necessary restarts will be scheduled. Hyper-V deployments make use of cluster aware updating, ensuring 100% uptime while updating each node in the cluster.

ADVANCED MONITORING
SNMP and hypervisor specific system performance monitoring to ensure hardware and host servers functioning. Customized monitoring available for memory, CPU, load average, network, I/O, and hard drive health monitors.
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MANAGEMENT INCLUDES:

ADVANCED CERTIFICATIONS
Microsoft Certified Professionals, VMware Certified Professionals, and Red Hat Enterprise Linux Certified Engineers on staff to assist with all VM design, configuration, and deployment.

ADDITIONAL VM SERVICES
Atlantic.Net will ensure your hardware, virtualization hypervisor, and all VMs are always functioning properly. If you encounter an issue relating to OS-level or system configuration, our certified professionals can assist you under a consulting agreement.

WORLD CLASS INFRASTRUCTURE
Our state-of-the-art SSAE 16 (SOC 1) TYPE II (formerly SAS 70) certified data center infrastructure is monitored 24/7/365 by our network operations center. Your virtualized server infrastructure is housed in our secure, fireproof, climate-controlled facility with multiple direct connections to the Internet backbone.

GET STARTED TODAY
Let us help you grow your business by tapping into the best technologies available through Managed Virtualization. Share your business vision and goals with us and we will develop a virtualization environment tailored to your needs.

WORK SMARTER. NOT HARDER.
When you engage Atlantic.Net’s Managed Virtualization solutions, you can expect to get more for less! We customize solutions to consolidate resources, automate processes, increase return on investment, and manage workloads more efficiently.

Find Out More?
Share your vision and goals with us and we will develop a hosting environment tailored specifically to meet your needs! Contact our consultants at 888-618-DATA (3282), or email us at sales@atlantic.net.