MANAGED VIRTUALIZATION

MANAGED PRIVATE CLOUD VIRTUALIZATION

Tap into the best technologies available through Managed Virtualization.

Atlantic.Net's Managed Virtualization provides a flexible managed private cloud hosting solution that utilizes enterprise-level hardware running industry standard hypervisor software. This allows you to decrease operational costs, improve system resource utilization, and maintain greater control over your growing infrastructure.

Supported Managed Private Cloud 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**
- **VMware vSphere**

Hyper - V   VMware

Managed Private Cloud Includes:

SYSTEM ENVIRONMENT

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

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.

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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.

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, and VMware deployments make use of cluster aware updating, ensuring 100% uptime while updating each node in the cluster.

REPLICATION AND FAILOVER

Virtual Machine replication is designed to provide cross-node fault tolerance by increasing the necessary storage, memory, and CPU requirements for a separate dedicated computing node. Having these resources dedicated and waiting allow for a Low Recovery Point Objective (RPO).

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.

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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.

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 MANAGED PRIVATE CLOUD INFRASTRUCTURE

Our state-of-the-art SOC 2 SOC 3 (formerly SSAE 16) certified data center infrastructure is monitored 24/7/365 by our network operations center. Your virtualized server infrastructure is housed in our secure, 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.

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FEATURES

Seven diverse and fault-tolerant data centers

SOC 2 & SOC 3 certified data centers

Intuitive interface with powerful features

24x7x365 technical engineer support staff via USA-based Security Operations Center

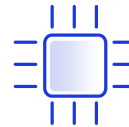**Self-healing redundant infrastructure and automatic failover**

Multiple diverse and redundant tier 1 bandwidth providers

Full root/administrative access

Customizable service configurations

GPU acceleration capable

1 Gbps, 10 Gbps, 40 Gbps, and 100 Gbps network options

ATLANTIC.NET MANAGED SERVICES

Encrypted Backup, Storage, & VPN

Managed CDP Backup

Network Edge/DDoS Protection
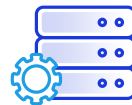
Trend Micro Deep Security

Atlantic.Net Firewall

Intrusion Prevention Service

Private Cloud Infrastructure

Server Management

Consulting Agreements

Multi-Factor Authentication

Find Out More?

Atlantic.Net stands ready to help you attain fast compliance with a range of certifications, such as SOC 2 and SOC 3, HIPAA, and HITECH, all with 24x7x365 support, monitoring, and world-class data center infrastructure. For faster application deployment, free IT architecture design, and assessment, visit us at www.atlantic.net, call 888-618-DATA (3282), or email us at sales@atlantic.net.

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