

INFRASTRUCTURE SOLUTIONS

Public, Private, and Hybrid Cloud Solutions from Green Cloud Technologies



IT'S YOUR CLOUD... ANY WAY YOU WANT IT.

Green Cloud Technologies offers custom cloud solutions that deliver the flexibility, reliability, and certified support that fit the distinct needs of your business and your customers' goals. This is what separates us from other cloud providers. Our business is the cloud. It's what we do. It's all we do. Our high-performance virtual server infrastructure solutions are scalable for any business—from SMBs to full Enterprise systems.

Our expert team of VMware-certified engineers manage the infrastructure, which is built on industry-leading platforms such as VMware, Cisco, and Tintri. Our staff of sales and marketing professionals stand ready to assist you with comprehensive training, service, and support before and after the sale. Whether your customers need a public or private cloud solution—or a hybrid cloud that blends the best of both worlds—Green Cloud Technologies gives you a full range of options to create the cloud you want, any way you want it. We are dedicated to providing you with cloud solutions that work, at a price you can afford, and with a level of support that can't be beat.

WHY GREENCLOUD?

- 100% channel-only • Custom solutions • Full-service sales and technical support
- Secure, efficient, and reliable technology • Low barriers to entry



877-465-1217 | GOGREENCLOUD.COM

VIRTUAL SERVERS | DISASTER RECOVERY | BACKUP | VIRTUAL DESKTOPS

STORAGE OPTIONS BASED ON YOUR NEEDS.

PREMIUM

Higher I/O available for highly transactional servers. Low latency and high throughput provide flash-like performance. At-rest encryption provided.
Ideal for: SQL servers, Exchange servers

STANDARD

Equivalent I/O to a typical small business-sized server. Latency and throughput are both on par with average SAS-based storage media.
Ideal for: web servers, terminal servers

ARCHIVAL

Low I/O server with storage built for infrequently accessed data. No guaranteed I/O. High latency and low throughput for SATA-like performance
Ideal for: document management systems, old/inactive EMR systems

DATA CENTER LOCATIONS

Green Cloud will either select your primary data center based on capacity, or you can request a specific data center site.



- ATLANTA, GA
- GREENVILLE, SC
- HOUSTON, TX
- MINNEAPOLIS, MN
- NASHVILLE, TN
- PHOENIX, AZ

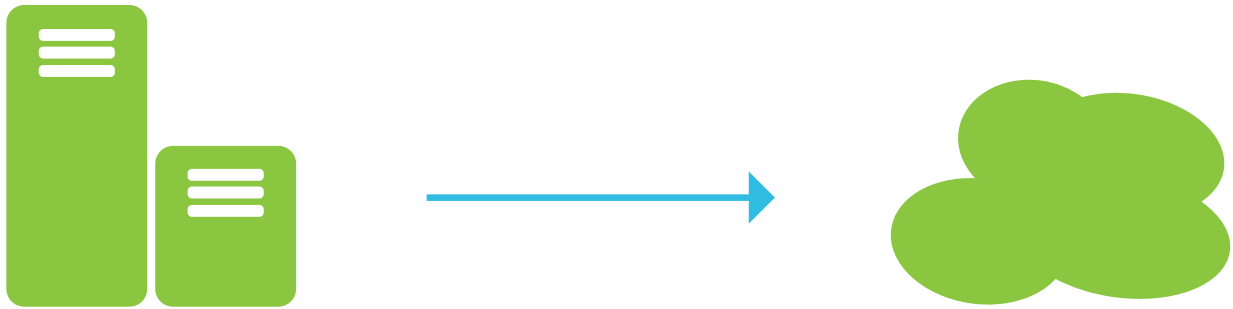
STORAGE BACKUP AND RECOVERY OPTIONS

Adding availability or retention options to your virtual infrastructure solutions can help you achieve the recovery time objective (RTO) and recovery point objective (RPO) your customers demand.

	DEFAULT	BACKUP		DRAAS WITH STORAGE REPLICATION	DRAAS WITH ZERTO
SERVICE OPTION	local only	standard backup	replicated backup	replicated array-based snapshots	hypervisor replication
TYPE	snapshot	backup	backup	snapshot	continuous write-mirroring
LOCATION	local SAN	local or offsite data center	dual data centers	local or secondary site array	GC recovery data center
RPO	24 hour	configurable	configurable	24 hours	<15 minutes
RETENTION PERIOD	7 days	configurable	configurable	varies	varies
RTO	none	varies*	varies*	24 hours	<1 hour
FILE LEVEL RESTORE	no	yes	yes	no	no

THE CISCO POWERED ADVANTAGE

Cloud services are not created equal. When you choose cloud or managed services to complement your business, you need to know that the technology powering them delivers the performance and scalability you require. Green Cloud's infrastructure is Cisco Powered—the industry benchmark from the leader in networking technology. Because our infrastructure is built on validated Cisco architecture, you have the confidence and agility to blend cloud and managed services with premise-based solutions. This lets you accelerate your opportunities, quickly adapt to changing needs, and meet or exceed the performance of on-premise solutions, all without diverting focus from your core business.



FLEXIBLE OPTIONS TO FIT YOUR BUSINESS

SHARED VIRTUAL SERVER

Ideal for small and medium-sized businesses

This solution is a multi-tenant architecture with shared storage, CPU, memory, and network bandwidth and connectivity. With native hosting, this secure public platform offers a powerful blend of dependability, scalability, and ease-of-use in a VMware-based computing environment—ideal for deploying classic and cloud-based applications or for hosting business websites and workflows. If desired, our team of VMware-certified engineers can oversee the installation, monitoring, and maintenance on your behalf.

DEDICATED PRIVATE SERVER

Ideal for Enterprises

This single-tenant solution is comprised of dedicated storage, CPU, and memory, along with private network bandwidth and connectivity. Full control of this environment enables resources to be reallocated on demand while maintaining high levels of speed, performance, and availability. The architecture is powered by VMware vSphere, which fully supports thin provisioning. Native and high-availability hosting is available with private or public SATA-like, SAS-like, or SSD-like storage options, and includes Microsoft OS and VMware licensing.

HYBRID VIRTUAL SERVER

The convenience and affordability of a public cloud with the security of a private cloud

Green Cloud's hybrid cloud solutions enable you to mix and match shared and dedicated virtual server resources to keep each aspect of your customer's business in the most efficient environment possible. Powered by VMware, applications and workloads can be moved between clouds, which accelerates deployment times without having to fully reconfigure network settings.

DATA CENTER SPECIFICATIONS

FEATURES	SPECIFICATIONS		
LOCATIONS	Atlanta, GA Greenville, SC	Houston, TX Nashville, TN	Phoenix, AZ Minneapolis, MN
CERTIFICATIONS	SOC 2 type II Uptime Institute Tier 3	PCI ISO27001	CSA STAR

VIRTUAL SERVER PRODUCT SPECIFICATIONS

FEATURES	PUBLIC CLOUD SPECIFICATIONS	PRIVATE CLOUD SPECIFICATIONS
SOFTWARE	VMware vCloud Director	VMware vSphere Enterprise Plus Other VMware licenses available*
STORAGE TIERS	Premium (SSD-like): at least 1000 IOPS at <5ms latency, at-rest encryption Standard (SAS-like): at least 250 IOPS at <20ms latency Archival (SATA-like): I/O not guaranteed	Dedicated SAN options available utilizing Tintri and Netapp products. Shared options on public tiered storage also available
OS SUPPORTED	Windows Server: 2008(R2), 2012(R2), 2016 (DE), 2016 (Core); Linux: Centos, Ubuntu LTS	Any VMware-supported OS
INTERNET BANDWIDTH	Minimum 20MB/s connection required per Virtual Data Center	Minimum 20MB/s connection required per Virtual Data Center
VM BACKUP	Virtual server snapshots are available by default for up to 7 days. Replication to secondary data center with recovery SLA, and/or additional IaaS Backup services also available.	Backup schedule and retention dictated by storage purchased
PUBLIC IP ADDRESSES	One Public IP included per Virtual Data Center	One public IP included
VPN	One IPSEC VPN included for one site	
FIREWALL**	NSX Edge or Cisco ASA on standard service. Customer-provided virtual or physical firewalls are also supported.*	NSX Edge or Cisco ASA on standard service. Customer-provided virtual or physical firewalls are also supported.*
REMOTE DESKTOP	Two RDP sessions for management included	
LICENSING	Microsoft Licenses available under SPLA licensing	Microsoft Licenses available under SPLA licensing
SIZING OPTIONS	Per-VM Maxima: •Up to 8 vCPU •Up to 64GB vRAM. •Up to 10TB per vDisk	Purchased by ESXi host in the following sizes: Dual 14-Core Xeon, 128GB ECC RAM Dual 14-Core Xeon, 256GB ECC RAM Dual 14-Core Xeon, 512GB ECC RAM Dual 14-Core Xeon, 1TB ECC RAM Storage purchased in 500GB blocks with 10TB minimum

*ADDITIONAL FEES APPLY.

**ADDITIONAL PROFESSIONAL SERVICES, NETWORKING, AND SECURITY OPTIONS AVAILABLE.

