

# CARPATHIA'S ALWAYS ON / INSTANT ON™

Get beyond the hype – experience the 1st managed cloud designed for enterprises. The cloud computing market place is becoming more and more crowded with service providers delivering everything from basic virtualization to public compute and storage services.

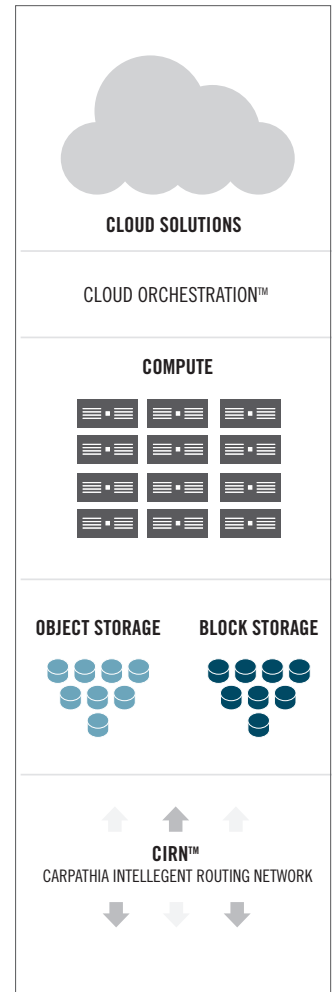
While virtualization and cloud computing promise to simplify computing environments, our experience is exactly the opposite. Who is going to manage your security patches, provide monitoring, ensure your servers are free from virus and malware threats? Who do you call when you need support at 2:00 am?

We believe that to unlock the true potential of cloud computing, customers should look for the same level of service traditionally received with hosted managed services. As such, our cloud solutions are built from the ground up as a fully managed service backed by our E3™ Promise.

## MANAGED CLOUD SOLUTIONS

An enterprise cloud solution is one that has been designed to allow applications to operate unmodified, yet still take advantage of virtualization services, dynamic provisioning and commodity hardware. Enterprise clouds seamlessly integrate with dedicated infrastructure commonly found in today's architectures and allow enterprises to realize the actual benefits from incorporating a Cloud component into their IT architecture. Utilizing both cloud computing and storage services, Carpathia Hosting has developed a cloud platform that is able to seamlessly merge dedicated servers with 'burstable' cloud capacity. By doing this, we created a hybrid model that brings the stability of managed services to custom cloud solutions designed to meet customer needs.

Components of the AlwaysOn/InstantOn model are highly-flexible and can be used to design custom solutions to meet the specific needs of individual organizations. AlwaysOn/InstantOn solutions are tailored for enterprise needs as a fully-managed service backed by Carpathia Hosting's E3 Promise™, providing the same level of customer service traditionally received with hosted managed services. Unlike other cloud providers, Carpathia Hosting manages security patches, provides monitoring, protects servers from viruses and malware threats, and offers 24/7 support to customers in its cloud.



### FOUNDATION SERVICES

Object based storage	Support for parallel data acceleration, NFS, Webdav and FTP access
Block based storage	mirrored volumes inside cloud as standard, highspeed, low latency IO
Small Compute Units	(1 core) per CPU hour or per month
Medium Compute Units	(2 core) per CPU hour or per month
Large Compute Units	(4 core) per CPU hour or per month
Custom Compute Units	(1 to 8 cores) per CPU hour or per month
High availability	included as standard on all compute units

## VIRTUAL MACHINE LIBRARY

Microsoft Windows 2003	32bit and 64bit support
Microsoft Windows 2008	32bit and 64bit support
Centos	5.x release 32bit and 64bit support
Solaris	Opensolaris and Solaris 10 update 7
Cloud Load Balancer	HTTP and HTTPS support
Cloud Firewall	Stateful inspection firewall
Cloud Layer 3-7 switch	Supports port rewrites and intelligent swtiching
Cloud IDS	SNORT based IDS solution
MySQL	pre-integrated mysql, supports replication
Postgres	pre-integrated postgres

## CLOUD ORCHESTRATION

Cloud NAS	create filer based on block storage to share between multiple compute units
AutoScaller Control	based on performance of dedicated or cloud infrastructure provision more compute units
Dynamic capacity interfacE	scriptable interface to add more resources from managed dedicated servers units or cloud compute
SLA provision control	If performance or availability SLA is within X% or standard deviations trigger more compute units
Agent based monitoring management	pre-integrated monitoring solution which connects to Carpathia Services Platform for incident
Virtual File System for object storage	permits object based storage to be used by managed dedicated servers and cloud simultaenously
Basic Queuing Services	file based queing system for cloud job control

## MANAGED CLOUD

Policy based patch management	full patch management for all supported operating systems
Antivirus	AV and malware protection for compute units
Availability monitoring	Monitored by carpathia services platform and incident process
Performance monitoring	Monitored by carpathia services platform and incident process
Incident, change and problem management	ITIL based management processes common with managed dedicated infrastructure

Carpathia Hosting is a leading provider of managed hosting services, delivering secure, reliable and compliant IT infrastructure and management for some of the world's most demanding enterprises and federal agencies. Founded in 2003, Carpathia is a growing, profitable business run by a seasoned management team with deep experience in delivering enterprise hosting solutions including colocation, managed services and cloud computing. Carpathia's suite of services is designed for organizations seeking scalable, secure, robust and enterprise-grade hosting solutions that can be quickly provisioned or tailored to meet unique requirements. Backed by its E3 Promise, Carpathia consistently delivers an experience that exceeds customers' expectations. Carpathia qualifies as a small business. Contact Carpathia at 1.888.200.9494, or visit [www.carpathia.com](http://www.carpathia.com) for more information. References to other products are made to show compatibility. All companies and/or products mentioned in this document are registered or trademarked by their respective organizations. The inclusion of third party products does not infer endorsement by these parties, unless otherwise noted.