

LightEdge Bare Metal Cloud

The best infrastructure money can buy (without buying any of it).

LightEdge Bare Metal Cloud provides physically discrete, highly available, high performance servers, storage and network uniquely configured for each client. LightEdge Bare Metal servers are unrestricted and not shared. You are the sole administrator with exclusive control of the machine(s). You begin with a selection of top-of-the-line Cisco servers, operating systems, RAM, network, onboard storage, or Enterprise-grade EMC fiber channel storage arrays.

Best in the Midwest. LightEdge is the only ISO 20000 certified service provider in the Midwest. You are guaranteed our data center operations follow ITIL standards and provide reference architecture for servers, network and storage. LightEdge Bare Metal Cloud combines the advantages of the cloud with the security and performance of an on-premise dedicated server.

LightEdge's data center infrastructure is based on Cisco's Unified Computing System (UCS) that will add speed, extensibility & cost advantages to your deployment. LightEdge is a Cisco Master Cloud and Managed Services Provider, and has made deep investments to bring our clients another advantage - full use of Cisco UCS Director, a superior, carrier-class management tool for both physical and virtual environments.

As a result, your Bare Metal Cloud environment at LightEdge could not be easier to manage, automate and integrate. UCS Director provides single-pane policy-based provisioning, process automation and infrastructure management. UCS Director will help you deliver high-performance resources from LightEdge faster, more efficiently & consistently. This will enhance the value of IT as a Service to your business.

With servers fully dedicated, your Bare Metal infrastructure at LightEdge can be HIPAA & PCI-DSS compliant. Add to that LightEdge's SSAE 16 SOC 1, Type II compliance and ISO 20000 validation of ITIL operations practices, and you can be confident that your information and processes will be absolutely secure.

KEY ADVANTAGES

- Powerful – Optimize your workload type: Memory, Heavy I/O, Maximum Compute
- Scalable – Rapid deployment with in-stock components
- Total Control – Cisco UCS Director provisioning and automation suite included
- Compliant - Physically separate hardware for HIPAA and PCI-DSS
- Managed – LightEdge DC's are ISO 20000 validated ITIL operations
- Monitored – Superior informatics, dashboards & alerts available

LIGHTEDGE DATA CENTERS

- ISO 20000 validated ITIL best-practice data center operations environment
- Reference architecture built on Cisco UCS platform
- Carrier-agnostic networking and private network availability
- Automated backup and recovery options
- Server and network monitoring available
- 24/7/365 access & NOC support

LIGHTEDGE





LIGHTEDGE ALIGNS WITH INDUSTRY LEADERS

LightEdge consistently develops deep relationships with industry-leading partners that have established a market position with innovation & proven performance. LightEdge offers cloud-enabled hosting on an ITIL reference architecture built with Cisco UCS server & network components and EMC FCoE/NFS/iSCSI storage.

LightEdge is a *Master Cloud and Managed Services Provider* for Cisco Systems, the highest designation possible. LightEdge is committed to providing our customers with access to the very best enterprise-scale solutions including mobile workspace, colocation, continuity/recovery and network options with managed services for Linux and Windows Operating Systems.

THE LIGHTEDGE DIFFERENCE

1. Operational Excellence

- SSAE 16 SOC 1, Type II
- ISO/IEC 20000
- HIPAA & PCI

2. Redundancy

- Host server clusters
- Network, Storage & Power
- SAN controllers / RAID
- Network, Switches & Firewall

3. Security

- HA Firewall included
- Intrusion Detection and Correlation Engine
- Fully managed perimeter solutions

4. Storage

- Performance tiered choices
- Production, Backup & Archive options
- Managed Backup & Recovery available

5. Network

- Local, dedicated 100/1000Mb connectivity available
- 10 Gbps intra-server switching
- Load Balancing selections

6. Monitoring & Management

- Tiered selections up the stack with Event Correlation Reporting
- Customer premise available
- Managed Services to any layer

	BARE METAL CLOUD
Facility & Security	Tier 3 Private Data Center Dedicated Network & Firewall SSAE 16 SOC 1 Type II ISO/IEC 20000 Certified
Scalability	In-Stock Servers Deploy in Minutes
Infrastructure	Single Tenant, ITIL Reference Architecture w/Cisco UCS
Storage	10 Gbps Ethernet and Fiber Channel pool/per GB
Compute	Newest Cisco M4 Blade and Chassis Servers
Management	Base, Essential, Full
Network	Performance 10 Gbps WAN Fiber Channel Network
Hypervisor	Typically none. See Private Cloud
Backup	(Any)
DR/BCP	(Any)
Monitoring	
Orchestration	UCS Director