

CAL GP Cloud Data Center Specs

- ❖ SSAE-16 SOC 2 Type II and SOC 3 Certified Data Center
- ❖ Highly Performing
 - Gigabits of blended Internet Bandwidth over multiple Tier 1 providers on a fully diverse fiber infrastructure.
 - Quad 6-Core processor 64-bit Dell Servers
 - Gigabit iSCSI NAS Storage
- ❖ Highly Available (99.9% Scheduled Uptime Guarantee)
 - Redundant Power and Cooling Systems
 - Three separate utility feeds with diverse substation pathing
 - 3600KW of on-site generator capacity at N+1 redundancy with 50+ hours of full load on-site fuel supply to ensure continuous operation in the event of a utility power failure
 - N+1 redundant UPS infrastructure
 - N+1 redundant Cooling systems
 - Redundant and energy efficient ultrasonic humidification systems
 - Redundant Storage
 - Gigabit iSCSI NAS Storage
 - No single point of failure in the disk arrays
 - Redundant Virtualized Platform
 - Built on Microsoft Hyper-V 2012 Virtualization Platform
 - Physical Host Servers clustered for High Availability failover of the entire Virtualized Environment
 - No single point of failure in any hardware component
 - 24/7 Monitoring of Key Services and Metrics
- ❖ Highly Secure
 - Physical Protection
 - Secure Facility monitored 24/7 by on-site Security and NOC staff
 - Alarm system with secure video surveillance throughout the facility
 - Multi-Level access authorization with man-trap, biometric verification and security-controlled access level assignment.
 - Off-site alarm monitoring and fire department dispatch
 - Multi-zoned fire and smoke particle detectors
 - Pre-action dry pipe fire suppression system
 - Data Protection
 - Daily backups of all Servers
 - Daily backups of all SQL Databases (can be upgraded to hourly)
 - On Site / Off Site Backups
 - 2048-bit SSL Encryption
 - Anti-Virus / Anti-Malware Protection