ProMediaCom - Super Fast Network & World Class Datacenters !

Server Locations :
GW - DC1 - Houston, Texas, USA
GW - DC2 - Dallas, Texas, USA

Key Features

- High Speed Connectivity
- Network bandwidth capacity: 250 gigabits/second
- Global reach and lower latency
- N+1 power generator architecture
- N+2 redundant data center HVAC (heating, ventilation, air conditioning) systems
- Advanced fire suppression systems
- SAS 70 Type II Certified Data Centers

High Speed Connectivity
Data centers utilize connections to multiple backbones to ensure that data reaches the end-user in the fastest, most efficient manner possible.

Best Case Routing (BGP4 Routing)
Our entirely switched, Cisco powered network employs Cisco GSR 12000 class routers running HSRP (N+1 hot failover) to ensure that data is routed even in the event of a router failure. The BGP4 protocol standard allows routing of packets, of information sent from the Data Centre's Network. Each packet of information is evaluated and sent via the best route possible. Because of our redundant network architecture, packets may be sent via alternative routes even if they are being delivered to the same end user. If one of the providers fail, packets leaving the network are automatically redirected via an alternative provider

Bandwidth Utilization
Our NOCs (Network Operating Centers) currently have plenty of excess capacity, even during peak hours. This allows them to accommodate even the largest spikes in traffic that are often associated with the most popular Web sites. NOCs are kept updated by adding network connectivity and new routes in an effort to make sure content is delivered to your users as efficiently as possible.

Physical Security
The data centers are physically isolated from everyone but level three technicians. Public access is strictly forbidden. Access to the floor the data center resides on is restricted to those holding the datacenter military-grade passcards. Furthermore, access to the data center itself is restricted by Biometric hand scanners.

Conditioned Power
Power systems in the data centers are designed to run uninterrupted even in the unlikely event of a total power outage. All servers are fed with conditioned UPS (Uninterruptible Power Supply) power that will run if utility power fails. The UPS power subsystem is N+1 redundant with instantaneous failover in case the primary UPS fails. In the event of an extended power outage, an on-site diesel generator can run indefinitely. The generator is regularly tested to ensure that it will continue to function in the event of an emergency.

A Precision Environment
The data centers where GRABWeb servers are located are meticulously tidy. All air is circulated and filtered every 90 seconds to remove dust and contaminants. The data center's HVAC (Heating Ventilation Air Conditioning) system is N+1 redundant to ensure that - even in the event of an entire HVAC system failure - there is a duplicate system on standby to take over. An advanced fire-suppression system is in place to prevent any fire from spreading - in the unlikely event that one could start. All cables to servers and routing equipment are securely tied down, and cable racks suspended from the ceiling provide dual routes for all cables. In the event that all cables on a cable rack are cut or burned, packets of data will automatically be routed to a second set of cables on the other side of the data center.

24x7x365 Monitoring
Additionally, all Network Operation Centers provide round-the-clock monitoring of all hardware, including routers, switches, UPS systems, and servers. The Network Operation Centers also monitors power, environmental factors (such as temperature and humidity), generator status, and network connectivity. All critical services/ports are monitored, including FTP, HTTP, SMTP, HTTPS, SSH and POP3.