Managed
IP Bandwidth

An Interconnection Service Option Available on the FlexAnywhere™ Platform

The performance of your network directly impacts the performance of your workloads. The Flexential managed IP bandwidth service provides fully redundant internet connectivity that is managed and monitored 24/7 and guaranteed with a 100% availability service level agreement.

Scalable from 10 megabits per second (Mbps) up to 10 gigabits per second (Gbps) across all Flexential locations–and up to 100 Gbps at select sites–the Flexential IP bandwidth service enables you to seamlessly manage peak traffic and workload demands. With access to multiple carriers you receive outstanding performance and low latency even when large traffic spikes occur.

Automated DDoS Protection

Distributed denial of service (DDoS) attacks are targeting organizations with direct internet connections, posing a risk for significant business disruptions. According to the Cisco VNI Global IP Traffic Forecast, 2016 – 2021, the number of DDoS attacks greater than 1 gigabyte (GB)–enough to take most organizations completely offline– grew 172% in 2016 and will increase 2.5-fold to 3.1 million by 2021.

The Flexential IP bandwidth service is just one of the reliable, easy-to-use and flexible network service offerings that make up FlexAnywhere, a comprehensive software-defined network infrastructure platform.

Leveraging a premium blend of two top global providers, the Flexential managed IP bandwidth service provides free automated, distributed DDoS mitigation. This proprietary service monitors your bandwidth 24/7 for Layer 3 and Layer 4 volumetric attacks over 1 GB in size up to 2 terabytes (TB). When the Flexential system detects a threat, it automatically redirects traffic, scrubbing and discarding malicious traffic while returning clean traffic.

"The preparation of the Flexential team and deep understanding of what we needed was a huge factor in selecting its Salt Lake City data center. Flexential is not only providing the foundation for our data center solution, but also willing to fully commit itself as a partner on Grand Canyon University's core needs."

Mike Lacrosse
SENIOR DIRECTOR OF TECHNOLOGY
Grand Canyon University

Quick Facts

- Bandwidth options ranging from 10 Mbps to 10 Gbps

- 95th percentile burstable bandwidth billing options

- Native IPv6-enabled core and edge networks

- Bandwidth utilization reporting

- Border gateway protocol options

- 24/7 proactive network monitoring

- Proactive DDoS mitigation at Layer 3 and Layer 4

- Continuous monitoring with advance traffic engineering

Benefits

- Gain round-the-clock monitoring from a team of network backbone engineers.

- Choose burstable bandwidth to scale as needed or fixed services for predictable monthly expenses.

- Reduce exposure to cyber threats through built-in DDoS protection.

- Achieve real-time visibility into bandwidth use with the Flexential portal.

ABOUT FLEXENTIAL

Flexential empowers the IT journey of the nation's most complex businesses by offering flexible and tailored solutions in colocation, cloud, data protection, managed and professional services. The company builds on a platform of three million square feet of data center space, in 20 highly connected markets and the FlexAnywhere™ 100 GB private backbone, to meet the most stringent challenges in security, compliance and resiliency. Visit www.flexential.com.

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