IP Bandwidth

Burstable bandwidth and automated protection to optimize your network performance

Flexential IP Bandwidth is one of the reliable, easy-to-use and flexible network service offerings that make up Flexential Interconnection, a comprehensive suite of interconnection services desiged to work together seamlessly.

Scalable from 10 megabits per second (Mbps) up to 40 gigabits per second (Gbps) across all Flexential locations, the Flexential IP bandwidth service enables you to seamlessly manage peak traffic and workload demands. The service is built on a blend of carriers to deliver resilient, geo-diverse connections to maximize uptime.

Automated DDoS protection

Distributed denial of service (DDoS) attacks are targeting organizations with direct internet connections, posing a risk for significant business disruptions. In its Annual Internet Report (2018-2023), Cisco predicted the number of breaches and total records exposed per breach will continue to grow, with the total number of DDoS attacks to double from 7.9 million in 2018 to 15.4 million by 2023.

Leveraging a premium blend of top global providers, Flexential IP Bandwidth includes 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 by scrubbing and discarding malicious traffic while returning clean traffic.

Features

- Bandwidth options ranging from 10 Mbps to 40 Gbps
- 95th percentile burstable bandwidth billing options
- Native IPv4 and IPv6 support
- Bandwidth utilization reporting
- Border gateway protocol options
- 24/7 proactive network monitoring
- Volumetric DDoS mitigation at Layer 3 and Layer 4
- Continuous monitoring with advanced 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 usage with the Flexential customer portal.

Utilize Flexential Fabric, the single port solution for software-defined interconnection, to connect to IP Bandwidth and manage your services on-demand through a user-friendly web-based portal.