



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 designed 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.

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.

Additionally, bilateral peering with Wasabi is integrated with Flexential IP Bandwidth enabling mutual customers access to high-performance data transfer from Flexential colocation or cloud environments to Wasabi storage services. Simply put, this functionality enables you to use our IP Bandwidth connection to reach Wasabi directly, bypassing the public internet and resulting in dramatically improved performance over using an ISP as a middleman.

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
- Direct peering between the Flexential network and the Wasabi network



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.
- Move large datasets from a Flexential colocation or cloud environment to Wasabi storage services with a cost effective, technically simple, high performant solution.

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.