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DDoS

DDoS Protection

Protect your network from malicious volumetric attacks with world-class distributed denial of service (DDoS) threat identification and mitigation.

DDoS Protection overview

Cyberattacks like DDoS are designed to flood connectivity to a network, application or service so that the intended users cannot access their resources. They are initiated with the goal of halting network operations, potentially causing damage to an organization's reputation, loss in revenue or both. DDoS Protection is a subscription-based service designed to detect and mitigate these types of network attacks to ensure availability of network assets.

Spectrum Enterprise DDoS Protection applies cloud-based intelligence to quickly evaluate your expected network activity and identify threats attacking your Fiber Internet Access service. Attack mitigation and traffic rerouting begin automatically to help keep your resources available. Network operations center (NOC) and security operations center (SOC) resources are available 24/7/365 to provide additional support.

Product highlights

- **Fast resolution:** Quickly and automatically detect, redirect and mitigate malicious traffic, minimizing the impact of attacks.

- **Adaptive evaluation:** Comprehensive traffic evaluation that uses advanced analytics to identify anomalies indicating an attack, specific to traffic flow at each client location.

- **Continuous support:** Always available, single point of contact that connects clients directly to our network and security experts for swift issue resolution.

- **Valuable insight:** Visibility into current and historical attacks provides information for network planning.

Key features

- Automatic threat detection and proactive resolution of volumetric attacks across Fiber Internet Access connections.

- Precise, client-specific traffic evaluation and targeted IP-address cleansing using machine learning and artificial intelligence.

- Supported 24/7/365 by our fiber NOC and SOC staffed by DDoS experts.

- Online portal with incident reporting and event mitigation details including countermeasures deployed, IP addresses impacted, configuration settings and more.

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When a DDoS attack is detected by our service, traffic is routed to one of our cloud-based scrubbing centers. The traffic is then analyzed and malicious traffic is mitigated so that legitimate traffic returns to its original route and intended destination.

Active DDoS mitigation

DDoS

Scrubbing center

**Adaptive
traffic analysis**

Affected IP addresses

Clean IP addresses

Client location
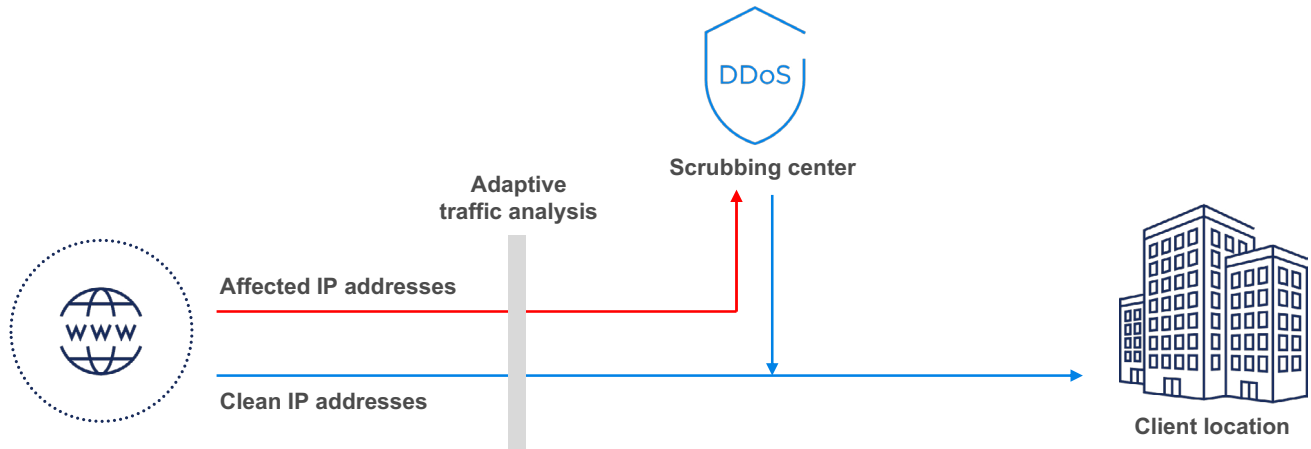
Learn more
enterprise.spectrum.com/ddosprotection

About Spectrum Enterprise
Spectrum Enterprise, a part of Charter Communications, Inc., is a national provider of scalable, fiber technology solutions serving America's largest businesses and communications service providers. The broad Spectrum Enterprise portfolio includes networking and managed services solutions: Internet access, Ethernet access and networks, Voice and TV solutions. Spectrum Enterprise's industry-leading team of experts works closely with clients to achieve greater business success by providing solutions designed to meet their evolving needs. More information about Spectrum Enterprise can be found at enterprise.spectrum.com.

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