Protect Your Business and Stay Online During a DDoS Attack

DDoS attacks are increasing in scale and complexity, threatening to overwhelm the internal resources of businesses globally. These attacks combine high-volume traffic clogging with stealthy, low-and-slow, application-targeted techniques. To stop DDoS attacks from reaching the enterprise network, organizations need a solution for cloud-based mitigation in addition to on-premises protection.

F5® Silverline™ DDoS Protection is a service delivered via the Silverline cloud-based platform. It detects and mitigates DDoS attacks in real time with industry-leading DDoS attack mitigation bandwidth available to stop even the largest of volumetric DDoS attacks from ever reaching your network. F5 security experts are available 24/7 to keep your business online during a DDoS attack with comprehensive, multi-layered L3–L7 DDoS attack protection.

**Key benefits**
- Keep your business online during a DDoS attack
- Defend against the largest volumetric attacks
- Protect against all DDoS attack vectors
- Get 24/7 access to DDoS experts
- Gain real-time attack mitigation insights
- Drive efficiencies with a hybrid DDoS solution

"We looked for a DDoS mitigation provider with a blend of techniques that can stay one step ahead of the bad guys."

Tim Turner, CIO of the Afisha Rambler SUP
Keep your business online during a DDoS attack

Stop DDoS attacks before they reach your network and affect your business, using real-time, fully automated DDoS attack detection and mitigation in the cloud.

Defend against the largest volumetric attacks

Protect your business from even the largest of DDoS attacks—over hundreds of gigabits per second—with industry-leading DDoS attack mitigation bandwidth.

Protect against all DDoS attack vectors

Engineered to respond to the increasing threats, escalating scale, and complexity of DDoS attacks, F5 offers multi-layered L3–L7 protection against all attack vectors.

Get 24/7 access to DDoS experts

The F5 Security Operations Center (SOC) is available 24/7 with security experts ready to respond to DDoS attacks within minutes.

Gain real-time attack mitigation insights

The AttackView customer portal provides transparent, real-time attack mitigation visibility and reporting.

Drive efficiencies with a hybrid DDoS solution

F5 offers comprehensive DDoS protection on-premises and as a cloud-based service.

Comprehensive DDoS Protection

Silverline DDoS Protection safeguards against a wide variety of attacks, shown below.

- **Protocol anomaly detection**
  - TCP
  - HTTP
  - UDP
  - ICMP
  - SYN
  - NTP
  - GET flood

- **DNS traffic protection**
  - DNS flood
  - DNS reflection attacks
  - DNS amplification attacks

- **L3–L4 DDoS protection**
  - SYN flood
  - TCP flood
  - ICMP flood
  - UDP flood
  - Known signature attacks
  - Teardrop
  - Smurf
  - Ping of death
  - Mixed flood
  - Reflected ICMP

- **Layer 7 DDoS protection**
  - NTP
  - HTTP
  - Flood
  - Slowloris

- **Protected Internet services**
  - HTTP
  - HTTPS
  - FTP
  - SNMP
  - SMTP
  - POP-3
  - CHARGEN
  - MIME
  - DNS
  - IMAP

Learn more

For more information about Silverline DDoS Protection, use the search function on f5.com to find these resources.

Solution

DDoS Protection