



Malicious online attacks pose a growing threat. DDoS attacks aim to massively restrict or reduce the availability of victims' online systems and services. The DDoS protection service identifies such attacks early on and protects against them effectively.

## Professional protection against targeted overload attacks

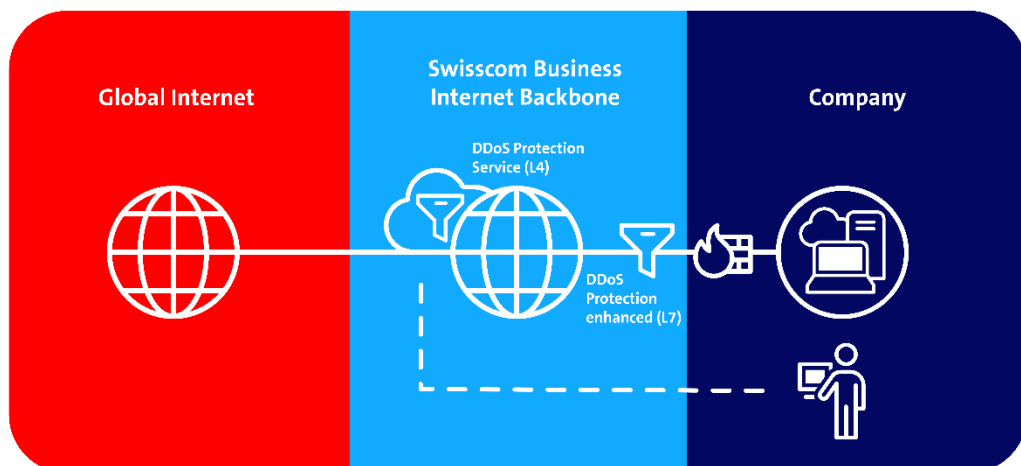
### What is DDoS Protection Service?

A DDoS (Distributed Denial of Service) attack is typically accomplished by attempting to exploit vulnerabilities in operating systems, programs, services or network protocols to flood the targeted machine or resource with superfluous requests in an attempt to overload systems and prevent some or all legitimate requests from being fulfilled. This could result, for example, in the victim's web shop becoming inaccessible. Availability is thus restricted, and access denied.

The DDoS Protection Service identifies such attack patterns early on and filters out the malicious data traffic. The Swisscom solution guarantees permanent, secure access to your systems, even during an attack. This strengthens the trust of your customers and protects your online presence.

### Your benefits with DDoS Protection Service

- Permanent, dynamic identification and blocking of DDoS attacks (optional up to and including application layer)
- Proactive alerting in the event of DDoS attacks by e-mail, SMS, SNMP traps, syslog, etc.
- Safeguarding system access for 'friendly users' even during a DDoS attack.
- DDoS management platform including monitoring and reporting.
- 24/7 support by a team of experts
- Performance-optimised attack mitigation and scrubbing centres in Switzerland





## Facts & figures



### Basic services

Effective protection of your online platform against DDoS attacks up to and including transport layer (OSI layer 4), based on the IP Plus/Enterprise Internet Service

Auto-mitigation for various attack vectors

Accessibility of your online platform even during a DDoS attack

Dynamic identification of DDoS attacks using traffic anomaly detection via the dashboard

24/7 triggering of DDoS defence by the security or network administrator online or via Swisscom Helpdesk

Access to the management platform including monitoring and reporting

24/7 support by a Swisscom expert team (Customer Care Center)



### DDoS protection enhanced

Permanent, local inline traffic analysis and proactive defence against DDoS attacks up to and including application layer (OSI Layer 7), based on a dedicated protection system

Permanent, zero delay inline protection against DDoS attacks

Detection and neutralisation of L3 to L7 attacks based on IP packets, including slow and low attacks

Individual filter configuration including auto-detection and auto-mitigation, tailored to your IT infrastructure (e.g. web, mail, DNS servers) and applications (e.g. eShop, eBanking, Web services)

| Service parameters  | DDoS Protection Service | DDoS Protection enhanced |
|---|-------------------------|--------------------------|
| Network protection  | ✓ (up to L4)            | ✓ (up to L7)             |
| IPv4 / IPv6 support   | ✓                       | ✓                        |
| Dashboard access  | ✓                       | ✓                        |
| Reactive protection & standard auto-mitigation (on request) | ✓                       | -                        |
| Auto-mitigation for amplification and TCP attacks           | ✓                       | ✓                        |
| Permanent protection  | -                       | ✓                        |
| Application protection                                      | -                       | ✓                        |
| Reporting / mitigation / protection                         | ✓ (L4)                  | ✓ (L7)                   |

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Swisscom (Switzerland) Ltd  
Corporate customers, P.O. Box  
CH-3050 Bern, Tel. 0800 800 900 www.swisscom.ch/enterprise