

LEVEL 3SM NETWORK PROTECTION

Today's cyberattacks are growing in size, frequency and complexity. No Enterprise is immune to these threats. Application availability, website uptime and infrastructure accessibility are all critical for business continuity. Every minute of downtime can result in lost productivity and revenue.

It is essential to deploy a multi-layered security approach backed by extensive threat research to defend against a variety of attack types.

Level 3's Network Protection Service provides a layer of defense through rate limiting and filtering that can be paired with optional advanced network-based detection and mitigation scrubbing center solutions.

Tailored for any business and IT/security budget, our flexible managed service can help ensure business as usual for your employees, partners and customers.

Flexible Solutions

Internet customers of Level 3 enjoy baseline protection if under attack. Customers receive basic IP filtering/null routing of malicious IP addresses on a temporary basis upon request. In today's sophisticated attack environment, however, we encourage Enterprises to invest in a permanent solution.

Level 3 Network Protection Service provides rate limiting and filtering for certain types of volumetric attacks at layers 3 and 4.

For customers who require a more advanced mitigation solution at layers 3 through 7, we offer a fully managed, network-based Level 3[®] DDoS Mitigation Service.

Scalable – Rely on a network-based solution that can scale to absorb attack traffic.

Flexible – As your business needs change, we can help you adapt your mitigation security strategy by adding Level 3[®] DDoS Mitigation Service and Flow-Based Monitoring.

Efficient – Reduce your costs by leveraging Level 3 experts, knowledge and systems to increase operational efficiencies.



Expert Threat Intelligence – Improve your coverage with access to our 24 x 7 Global Security Operations team.

Cost Effective – Protection and mitigation options for any IT budget with favorable fixed-fee pricing.

Secure – Help enable your website, core applications and infrastructure to remain accessible and secure by reducing your attack surface.

Technical Features / Capabilities

Network Protection Service Key Features:

- Null routes, rate limiters
- Permanent ACL – 50 lines or less
- Filters upstream
- Customer or Level 3 specified filters, ACLs, subnets
- Router-based logging and reporting available on request
- Maximum number of changes per month (2)
- 30 minute time-to-respond SLA
- 24 x 7 access to Global Security Operations team

BGP Flowspec Capability for Rapid Response: BGP Flowspec based announcements allow for an automated ACL rules delivery to the network. This highly scalable tool, deployed globally, is managed by the Level 3 Security Operations Center to provide rapid response to threats.

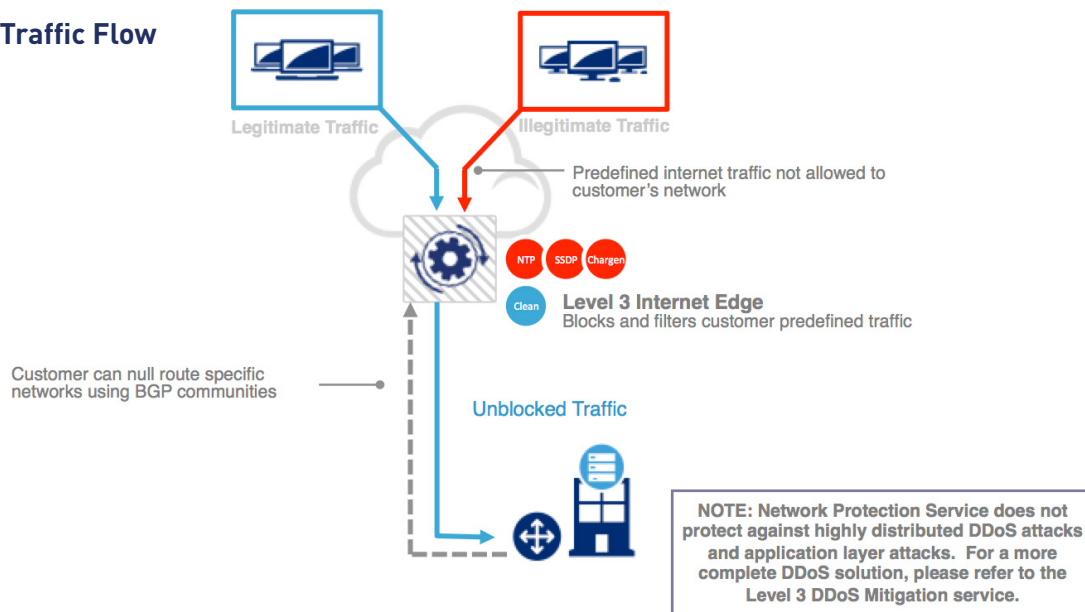
Why Choose Level 3 for Network Protection Security Services?

Multi-Layered Attack Protection: As a global ISP, Level 3 offers layers of protection using network controls available with the Network Protection service paired with the optional DDoS Mitigation scrubbing service.

Unprecedented Attack Traffic Visibility

Level 3's Global Security Operations Centers, backed by intelligence from Level 3 Threat Research Labs, uses data and analytics to see threats forming and assist customers in quickly mitigating attacks as they occur.

Traffic Flow



ABOUT LEVEL 3

We operate and take end-to-end responsibility for network solutions that connect you to the world. We put customers first and take ownership of reliability and security across our broad portfolio.

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