

CenturyLink DDoS Mitigation Service

Helps stop denial of service attacks from taking your network down



Benefits

- **Works to detect** DDoS attacks*.
- **Designed to mitigate DDoS attack traffic** within the CenturyLink™ network before it reaches your network while allowing valid traffic to pass through.
- **Helps keep your online services running**, even under attack.

Stop hackers in their tracks

Distributed denial-of-service (DDoS) attacks—the weapon of choice for cyber criminals who target Internet-based business sites—can cause prolonged outages for services like ecommerce, online bill pay or VoIP telephony. These attacks can be devastating if you rely on web-based transactions to generate even a small portion of your revenue.

DDoS Mitigation service is a network-based threat detection and mitigation service with an additional level of protection for your Internet business. DDoS Mitigation service can monitor and identify threats, validate those threats and take action to help keep your Internet connected. Attack mitigation takes place over a network- or cloud-based mitigation infrastructure, which means malicious traffic can be prevented from ever reaching your network, while valid traffic continues to flow normally.

Contact your CenturyLink Representative today!
Learn more about DDoS Mitigation service.



Availability of CenturyLink services varies. Please refer to the following for availability details about DDoS Mitigation service: [HTTP://qwest.centurylink.com/legal/docs/availability.pdf](http://qwest.centurylink.com/legal/docs/availability.pdf)

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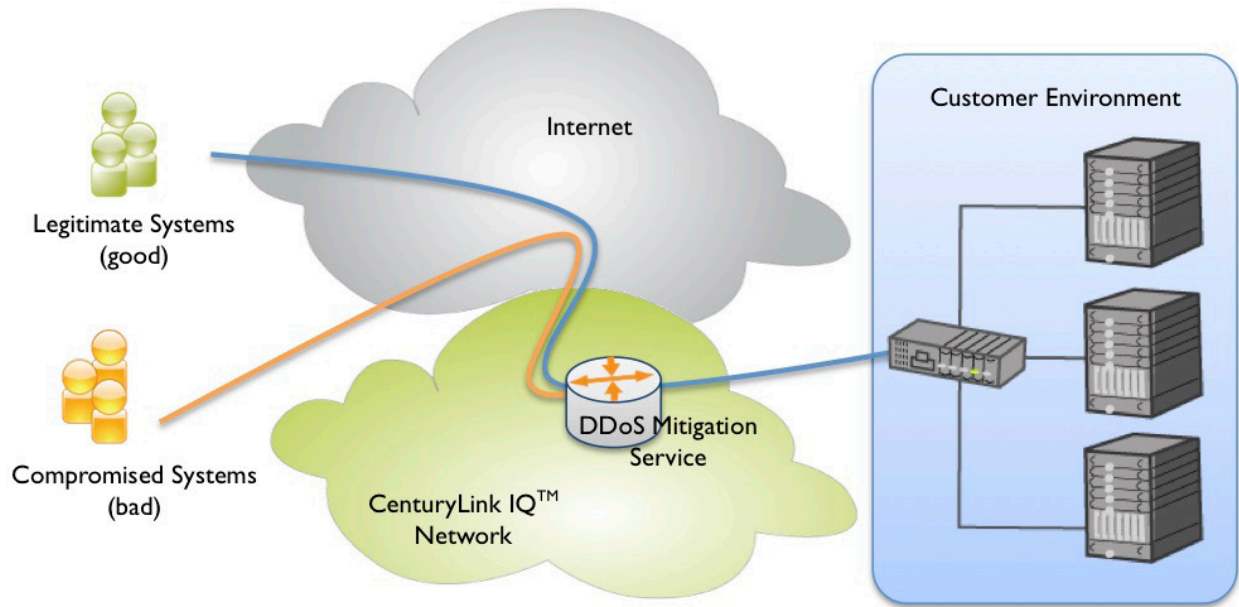
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CenturyLink DDoS Mitigation Service

Denial of Service

During legitimate web use, when users access web sites, their requests are routed to the corresponding servers as appropriate. But the infrastructure (servers, routers, firewalls, switches and circuits) can only process a finite amount of traffic. And when that limit is reached, additional requests are unable to be processed. In a DDoS attack,

hackers overwhelm targeted servers with a massive number of requests from a host of separate computers, blocking legitimate access to the servers. A DDoS attack can be so enormous that it completely overwhelms routers, network links or servers — rendering the location unavailable for all Internet use.



Proactively protecting your network

DDoS Mitigation service constantly monitors* your network traffic and uses baselines and thresholds derived from your data flow. These baselines are used to identify normal versus abnormal network behavior. When the service detects a DDoS possible attack, CenturyLink operations center personnel contacts your office to validate the attack. When the attack is validated and after you approve, network traffic is rerouted for scrubbing in the CenturyLink network to help eliminate the malicious traffic and pass along valid traffic.

* Monitoring and notification is only available with Proactive Shared DDoS Mitigation service

DDoS Mitigation service is offered as a shared service and is available in two tiers:

- Reactive Shared DDoS Mitigation service – Your business monitors traffic and reports any malicious traffic to CenturyLink and we'll begin rerouting traffic for scrubbing.
- Proactive Shared DDoS Mitigation service – CenturyLink continuously monitors for non-conforming traffic, when it is detected, your business is alerted and when approval is given, CenturyLink begins rerouting the traffic for scrubbing.

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