

KEEP YOUR WEBSITE SECURE

Summary

Telstra's Denial of Service Protection (DoSP) solution protects your network and enterprise from the threat of internet attacks commonly known as Distributed Denial of Service (DDoS).

DDoS attacks are deliberate assaults on internet facing infrastructure, through system corruption or flooding networks with attack traffic. These malicious attacks can cause downtime to internet services for you and your end users which can impact productivity, trust, customer satisfaction, brand confidence and cause financial loss.

Telstra's DoSP solution gives you the confidence to manage these unwanted attacks against your websites in Australia and overseas.

We can provide a powerful and unique combination of protective measures to your business which include:

- a monitoring, detection and mitigation system
- 24-hour, year round operational support
- the choice of Telstra initiated, customer initiated or automatic mitigation of attacks.



Benefits

Availability – Attacks are filtered before they reach your network to help protect against DDOS attacks.

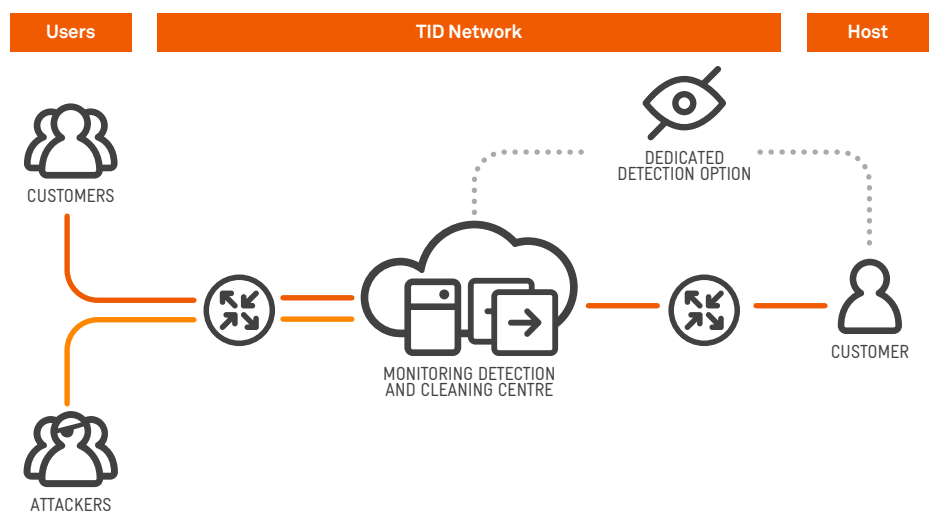
Brand and Financial Protection – Avoid the costs to your bottom line or to your customers trust in you that could result from a DDOS attack.

Global Reach – We can also provide a solution which allows you to monitor and protect your Australian and global offices from a single portal providing peace of mind.

Simple solution – Protection against Denial of Service attacks without the need to buy specialist equipment or hire additional staff help desk.

Managed Solution – Proactive, real-time management and monitoring to deliver cost-effective, customised 24x7 protection for the mitigation of distributed denial of service attacks targeted at your Internet connection.

A Telstra Network Security Service that monitors your network traffic and when an attack is seen, activates a cleaning solution to mitigate the effect of the attack.



We provide a variety of service options to meet your risk profile and regulatory needs:

- **Premium:** monitors your internet link and internet facing on premise equipment offering added protection for companies whose reliance on the internet is mission critical to their business. Customers have access to our trained security professionals whenever required.
- **Standard:** monitors your internet link only. This would be suitable for companies who use the internet as part of their everyday business but not for vital operations. Customers have access to our trained security professionals whenever required.
- **Reactive*:** cost effective option suited to customers prepared to monitor their own link. This service would be suitable for those companies who perhaps use the internet for their business but not on a day to day basis. Customers have access to our trained security professionals whenever required.

* Not available with global DDoS protection services.

Product features

Telstra's Denial of Service Protection solution has the following features:

Traffic management

- You can select the sites and associated prefixes that will form part of your normal 'baseline' traffic to assist the detection of potential threats.
- Traffic re-injection delivers cleaned traffic to you safely by utilising generic routing encapsulation (GRE) tunnelling technology.

Hotline

- If under attack you can notify Telstra immediately and if the attack is confirmed mitigation procedures will commence within a matter of minutes.

Monitoring and alarming

- Status of your network can be monitored online. Premium customers can also send network data (netflow) to Telstra collectors for enhanced monitoring.
- Multi-Carrier Monitoring allows netflow records to be directed from a non-Telstra internet access link/router into the Telstra DOSP monitoring platform.
- Notification if your traffic thresholds are crossed will occur.

Mitigation – auto, Telstra and customer

- If thresholds are reached mitigation can be activated manually or automatically.
- Traffic is redirected to a cleaning centre for mitigation. Premium and standard customers have the option of activating mitigation online.

On premise equipment management

- Routers providing netflow records and receiving clean traffic from the GRE tunnel delivering cleaned traffic back to your network can be managed by Telstra.

Managed security integration

- The solution can be integrated with Managed Security Services to provide enhanced monitoring of customer infrastructure, eg intrusion detection systems.

Customer portal

- Gives you the ability to instigate protection and access relevant data and reports on specific attacks and overall attack activity.

About Telstra

We provide network services and solutions to more than 200 of the world's top 500 companies. They rely on us to do business across 240 countries and territories and to enable greater productivity, efficiency and growth.

Our solutions offer the best of all worlds – skilled people and a rich portfolio of services delivered on our world-class Telstra Next IP™ network and Next G® network. To ensure reliable performance, they're monitored and maintained from our dedicated centres using advanced management and operational systems. And they're backed by Telstra Enterprise-grade Customer Service™ and one of Australia's largest and most qualified field and technical workforce.

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