

# Gateway Protection



Gateway Protection is an advanced next-generation cloud-based solution to secure multi-cloud environments. Via Telstra Programmable Network (TPN), it allows you to view and control your firewall security policies across private, public and hybrid clouds in near real-time.

Today, many organisations are challenged in deploying and maintaining security across complex environments. Protection needs to keep pace with changing IT requirements across private and public domains. At the same time, the security landscape is evolving and new threats are constantly emerging. Organisations need the flexibility to counter them quickly but having the security expertise to navigate all of these variables can be a challenge on its own.

## Powerful, flexible protection

Gateway Protection is a simple and effective answer. It offers a powerful cloud firewall solution with a choice of policy management. Clear visibility of your service is provided through an informative and dynamic dashboard.

The solution is available on the Telstra Programmable Network, a platform that enables near real-time, on-demand connectivity to clouds, data centres, security, application services and a partner ecosystem, through a single unified view.

60% of Australian organisations surveyed faced a business interruption due to a security breach at least once over the past year. These incidents included unauthorised system access, electronic data loss or theft, viruses, suspicious network activity and ransomware attacks. This compares to 66% in Asia Pacific and 70% in Europe.

Source: Telstra 2018 Security Report

## Benefits

### Reduce cost and complexity

Gateway Protection alleviates the need and costs of building or developing your own solution. Gateway Protection offers a simple and convenient way to take advantage of next-generation firewall security.

### Minimal set up time

Set up is fast and once completed, the Gateway Protection service becomes available on the Telstra Programmable Network canvas. Gateway Protection's built in security settings are already aligned to best practice so you can get started straight away.

### Respond fast

View and modify firewall policies in near real-time. Configuration options include, but are not limited to, firewall rules, NAT rules, VPN configurations (site-to-site, client-to-site\*) and URL filtering\*.

### Flexibility

Gateway Protection is a flexible cloud-based security service which you can use to secure access in and out of your Telstra IP service to public clouds, private clouds, internet or remote sites. You can also maximise uptime with the High Availability option.

### Simple to use

Easily set up and manage firewall policies through the Gateway Protection interface. Bandwidth can be adjusted in near real-time and you can control connectivity to cloud services, data centres and the branch, all in one place.

### Greater insight

We have a team of over 500 skilled data scientists, DevOps, business and security analysts working together. Our cross-discipline approach is designed to provide deeper insights into your environment.

### Upcoming service

Let us manage your Gateway Protection plans with our Managed Security Services. Our experts will setup and update your firewall rules based on your needs.

### How does it work?

Gateway Protection leverages the automation capability in TPN allowing you to quickly connect your Next IP/IPVPN to the Internet, public, private, hybrid clouds and data centres.

The Gateway Protection interface and dashboard lets you view and control security policies, including configuration options like firewall rules, NAT rules, VPN (site-to-site, client-to-site\*) and URL filtering\*.

Once the configuration options are completed, you can view near real-time status updates, monitor threat levels, application usage, and access service reports.

All configurations are applied to the firewall instance by automation. Customers do not have access to the underlying firewall console or web interface.

Gateway Protection can be deployed in TPN NFV farms.

\*Features coming soon



### Features

#### Next generation firewall for multi-cloud

Gateway Protection incorporates cutting-edge protection from leading firewall vendors as well as threat prevention technologies to guard against malware and ransomware. With 24/7 visibility and monitoring, you can confidently safeguard your environment across private, public and hybrid clouds.

#### Self-managed deployment

Gateway Protection lets you include add-ons such as security monitoring and incident response to further enhance your security posture.

You can also benefit from access to the latest global security threat updates, to help protect against new and emerging threats.

#### Near real-time dashboard with integrated reporting

The Gateway Protection dashboard allows you to display policy, threats and security events in near real-time. You can view status updates, monitor threat levels, application usage, and reporting.

		Gateway Protection
		Standard
Service Construct	User Configured	✓
	Telstra Managed	✗
Security Features	Next-Generation Firewall Capabilities	✓
	L3/4 Rule definitions and Object Names	✓
	Network Translation (NAT/PAT)	✓
	Site-to-Site IPSec VPN	✓
	DNS Protection	✓
	Web Security - URL/Web Filtering*	✓
	IPS/IDS Capabilities	✓
	High Availability (HA) Option	✓
Advanced Features	Malware Detection	✓
	Threat Protection	✓

\*Features coming soon

Contact your Telstra account representative for more details.

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