



ENHANCED SHARED FIREWALL

TECHNICAL DESCRIPTION

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INTRODUCTION

The Virtual1 Firewall product is a border security appliance designed to protect customer networks from unwanted traffic and users. It does this by filtering all traffic through a physical firewall device which is configured according to rules and policies set by the customer.

SHARED FIREWALL

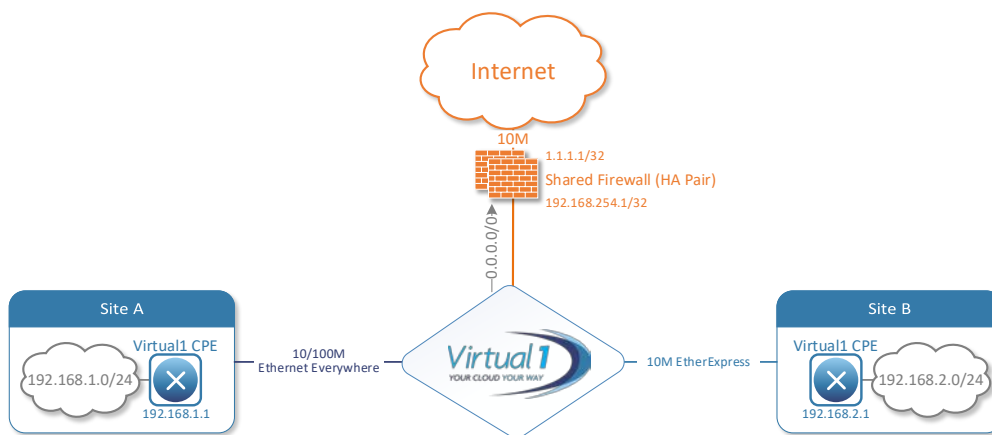
Product Overview

The Shared Firewall is hosted in the Virtual1 core and delivers the basic firewall protection, offering simple traffic filtering and NAT. The shared firewall is useful for MPLS networks that have no special firewall requirements and just need simple Internet access for their WAN.

How It Works

The Shared Firewall device sits on the Virtual1 core network. Each Shared Firewall allows the creation of up to 30 private instances (or 'Virtual Domains') within the firewall. Each shared firewall can therefore support up to 30 customers.

The customer provides their filtering policy requirements to Virtual1, who configure the instance within firewall and continue with ongoing management. All sites on the customer network then use this as their entry and exit point to the Internet.



IP Addresses for Illustration Purposes Only
Figure 1 - Shared Firewall

Technical Information

- Each Shared firewall consists of two Juniper SRX 240Hs in an HA pair located in our racks at a Virtual1 Datacentre (see Figure 1). Virtual1 reserves the right to change this hardware at any time.

- Inside interface connects to the customer's MPLS VPN with private IP addressing
- Default route advertised to all sites connected to the MPLS VRF
- Single public IP subnet shared amongst all sites

Considerations and Caveats

- Only available to MPLS customers
- Traffic filtering rules only
- There are no additional options or added extras available with this product.
- Maximum 5 rule changes or 10 Line changes per month. Complex changes may be chargeable.
- Virtual1 provides all hardware and manages the firewall device. No Co-Management available.
- Configurations are backed up daily

Lead Times

Shared Firewall lead times start at 15 working days.
Change requests have a 48 hour turn around.

What is included in the cost?

- The Firewall Hardware – Juniper SRX 240H
- Rack space
- Installation & Configuration
- Ongoing management and limited changes

Bandwidth must be priced separately.

PRODUCT MATRIX

	Shared Firewall	Shared Enhanced	60D	80D	100D	300D
Basic Firewall Throughput	100M	100M	1500M	950M	2500M	8000M
IPSEC	N/A	25 Users / 5 Tunnels	1000M * / 200 Tunnels	200M / 1000 Tunnels	450M / 2000 Tunnels	7000M / 2000 Tunnels
SSL	N/A	10 Users / 30M	30M	130M	300M	350M
IPS	N/A	30M	40M	245M	310M	2800M
Antivirus	N/A	30M	35M	250M	300M	1400M
Rackmount	N/A	N/A	Optional Extra	Optional Extra	Included	Included

Throughputs are indicative only. Using multiple services will reduce available throughput.

* Dedicated IPSEC chipset allows for higher throughput on the 60D