

The user interface is designed for normal business usage, large rulesets, high number of users or interface assignments may be less practical.

All measurements are based upon TCP traffic unless stated otherwise. Total Firewall Throughput is calculated based on maximum PPS and standard 1500 byte packets. Maximum PPS is measured using 500 byte packets. IPS performance is measured using ET Open and standard 1500 byte package size. SSL VPN is measured using AES256GCM16+SHA512. Concurrent sessions are based upon memory available, where one state consumes 1KB of memory and 1GB of memory is reserved for system tasks. Latency is measured as an average over 60 seconds.



Stateful firewall

Destination

· OS (OSFP)

a per rule base

Policy Based Routing

Packet Normalisation

router mode

Alias Support

Policy organisation

IP addresses

· Port ranges

Interface Groups

rules

Rule Category

Limit simultaneous connections on

Log matching traffic on a per rule

Option to disable filter for pure

Domain names (FQDN)

· Easy access rule sets

Granular control state table

· Limit simultaneous client

· Limit new connections per

Adjustable state table size

· Limit states per host

· Define state timeout

· Define state type

Optimisation options

On a per rule bases

connection

second

State types

Keep

None

Normal

· High latency

Conservative

Supports TOTP

Support services:

Captive Portal

· SSH / Console

• max 4096 VLAN's

802.1Q VLAN support

Link Aggregation & Failover

Gisco Ether Channel (FEC)
 Gisco Ether Channel
 Gisc

Serving

Border Gateway Protocol

Proxy

• VPN

• GUI

 Failover Load Balance

Round Robin

802.3ad LACP

2-Factor Authentication

Google Authenticator

· Agressive

Sloppy

Modulate

Synproxy

· Create security zones with equal

Source

Protocol

Filter by

· Port

bases

FEATURE OVERVIEW **ITS-2000RF**

Filter reload status

Firewall Info (pfInfo)

Current Open Sockets

Top Users (pfTop)

Firewall Tables

Aliases

Bogons

State Reset

Show All States

State Summary

Wake on LAN

• DNS Lookup

Packet Capture

Enhanced Reporting

· Fully Integrated

CVS Exporter

Round Robin Data

Selection & Zoom

Live Traffic Monitoring

Version 5 & version 9

Reboot warning for base

Svstem Health

Exportable

Network Monitoring

Local for 'Insight'

SSL Flavour selectable

Selectable Package Mirror

Lock Package (prevents upgrade)

Check installed packages for

known security vulnerabilities

· HAProxy -Load balancer

Reinstall Single Package

Netflow Exporter

Easy Upgrade

upgrades

OpenSSL

LibreSSL

Audit Feature

Plugin Support

Xen tools

Tinc

REST API

ACL support

· VMware tools

Let's Encrypt

Online Documentation

Free & Searchable

Firmware

Traffic Graph

Detailed Aggregation

Network Flow Analyser 'Insight'

Graphical Representation

Clickable and Searchable

ARP Table

NDP Table

Test Port

Trace route

e Ping

- Other Interface types Bridged interfaces
- Generic Tunnel Interface (GIF)
- Generic Routing Encapsulation
- 802.1ad QinQ

Network Address Translation

- Port forwarding
- 1:1 of ip's & subnets
- Outbound NAT
- NAT Reflection

Traffic Shaping

- Limit bandwidth
- Share bandwidth
- Prioritise traffic
- Rule based matching
 - Protocol
 - · Source
 - Destination
 - Port
- Direction
- **IGMP Proxy**
- For multicast routing
- Universal Plug & Play

Fully supported

- **Dynamic DNS**
- Selectable form a list
- Custom
- RFC 2136 support
- **DNS Forwarder**
- Host Overrides Domain Overrides
- **DNS Server**
- Host Overrides
 - A records
 - MX records
- Access Lists
- **DNS Filter**
- Supports OpenDNS
 - **DHCP Server**
- IPv4 & IPv6
- Relay Support
- BOOTP options

Multi WAN

- Load balancing
- Failover
- - Aliases
 - Load Balancer
 - Balance incoming traffic over multiple servers
 - **Network Time Server**
 - Hardware devices
 - GPS
 - Pulse Per Second
 - **Intrusion Detection & Prevention**
 - Inline Prevention
 - Integrated rulesets
 - SSL Blacklists
 - Feodo Tracker
 - · Geolite2 Country IP
 - Emerging Threats ETOpen
 - SSL Fingerprinting
 - Auto rule update using configurable cron

Captive Portal

- Typical Applications
- **Guest Network**
- Bring Your Own Device (BYOD)
- Hotel Wifi Access
- **Template Management**
- Multiple Zones
- Authenticators
 - LDAP
 - Radius
 - Local User Manager
 - Vouchers / Tickets
 - Multiple
 - None (Splash Screen Only)
- Voucher Manager Multiple Voucher Databases
 - Export vouchers to CSV
- Timeouts & Welcome Back
- Bandwidth Management
- Share evenly
- Prioritise
- · Protocols
- · Ports
- IP
- Portal bypass MAC and IP whitelisting
- Real Time Reporting
 - · Live top IP bandwidth usage
 - · Active Sessions
 - Time left

Easy client configuration exporter

· Rest API

Virtual Private Networks

- IPsec
 - · Site to Site
 - · Road Warrior
 - OpenVPN
 - Site to Site · Road Warrior

Tinc (Plugin)

• WireGuard

High Availability

Caching Proxy

Multi interface

Blacklists

Transparent Mode

Support SSL Bump

Access Control Lists

Traffic Management

Backup & Restore

• File Backup

SNMP

Cloud Backup

 Monitor & Traps **Diagnostics**

History & Diff support

Category Based Web-filter

Auto sync for remote blacklists

ICAP (supports virus scan engine)

Zerotier

Full mesh routing

Automatic hardware failover

Configuration synchronisation

• SSL Domain only (easy filtering)

Synchronised state table