

DELIVER A SUPERIOR USER EXPERIENCE FOR U.S. GOVERNMENT APPLICATIONS

As the foundation of Blue Coat's Application Delivery Network (ADN), Blue Coat ProxySG appliances accelerate and secure business and government applications for users across the distributed enterprise. The Blue Coat ProxySG Acceleration Edition - FIPS Series is a powerful yet flexible solution for improving application performance for U.S. Government applications. Deployed at both remote branches and in the network core, ProxySG appliances form a transparent, secure and fast application delivery infrastructure to improve user productivity and reduce bandwidth expense.

FEATURES

Acceleration

Bandwidth Management

- > Assign priority and network resources based on port, device, applications or content to reflect corporate policies

Protocol Optimization

- > Improve inefficient protocols by making them more tolerant to higher latencies

Byte Caching

- > Cache repetitive traffic found in the byte stream and serve it locally to reduce WAN traffic

Object Caching

- > Store files, videos and Web content locally, providing LAN-like performance over WAN

Compression

- > Inline compression can reduce predictable patterns even on the first pass

ProxyClient™

- > Remote acceleration for file and application performance software extends acceleration capabilities to remote users connecting over VPNs or the WAN

Control — Proxy Services

Proxy support for multiple protocols

- > HTTP, CIFS, SSL, FTP, MAPI, P2P, MMS, RTSP, QuickTime, TCP-Tunnel, DNS
- > Bandwidth management on all proxy services
- > SSL Termination & Proxy (forward and reverse)
- > Control encrypted traffic for all users and applications inside and outside the enterprise

Performance & Reliability — SGOS

Platform highlights:

- > Secure object-based operating system with small footprint

- > High-speed caching with advanced object pipelining and adaptive refresh

- > Built-in pass-through network card, compression services, bandwidth management and SSL off loading

Network functionality including:

- > Active/Active bridging support using virtual IP addressing for failover and remote installations
- > Completely transparent when tunneling applications between appliances, maintaining IP and port information for traffic management
- > Native support for advanced clustering for near limitless scalability, without additional load balancing appliances
- > Routing configurations for gateway, route tables, RIP, DNS, and WCCP, with support for asymmetric routing of application delivery tunnels
- > Health checks performed on a forwarding host or external servers to verify status and availability of device
- > View & submit service requests via the Blue Coat management interface
- > Send snapshots (trace files) to Blue Coat Support Services for faster resolution

Manageability — Policy Processing Engine

Powerful management interface

- > Web-based management interface
- > Optional command line interface
- > Alerting via SNMP, SMTP and logging administrative events

Content Policy Language (CPL)

- > Create custom text-based policies to address unique policy requirements
- > Definable triggers and actions for policy definition

Extended Management with Director

- > Distribute, backup, restore policy files for multiple ProxySG appliances
- > Manage policies by device, group, or region
- > Job scheduling/job status reporting

Management & Control of ProxyClient

- > Configure, provision and maintain global deployment of ProxyClient
- > Upgrade client versions seamlessly with auto version detection and update

Visibility — Management Reporting

Default logging

- > HTTP, HTTPS, CIFS, MAPI, FTP, TCP-Tunnel, P2P, ICP, Windows Media, Real Media, QuickTime, DNS
- > Global log file limits and upload sizing
- > Client upload settings and scheduling

Custom logging and trace files

- > Selectable fields/text/log formats

Statistics

- > Bandwidth Gain
- > HTTP/HTTPS/FTP history
- > Streaming history
- > Resources

SNMP Support

- > Trap settings, community strings

Aggregate logs with Reporter™

- > Reporter dashboard - intuitive console that provides a "drill-able" overview of Web activity
- > 150+ pre-defined reports track user activity, security risks, and Web traffic performance
- > Secure browser access/role-based viewing
- > Provides real-time reporting with continuous log uploads from one or more ProxySGs

| License Type | Acceleration Edition | Proxy Edition |
|-------------------------|----------------------|---------------|
| Windows Media Streaming | Yes | Yes |
| Real Media Streaming | Yes | Yes |
| QuickTime Streaming | Yes | Yes |
| Bandwidth Management | Yes | Yes |
| HTTP proxy | Yes | Yes |
| MAPI proxy | Yes | Yes |
| DNS proxy | Yes | Yes |
| Forwarding | Yes | Yes |
| ProxyClient | Yes | Yes |
| SOCKS proxy | No | Yes |

| License Type | Acceleration Edition | Proxy Edition |
|---|----------------------|---------------|
| Telnet proxy | No | Yes |
| ICAP Services | No | Yes |
| Netegrity SiteMinder | No | Yes |
| Oblix COREid | No | Yes |
| Peer-To-Peer | No | Yes |
| User Authentication | No | Yes |
| Onbox Content Filtering [3rd Party or BCWF] | No | Yes |
| Offbox Content Filtering [e.g. Websense] | No | Yes |
| Instant Messaging [AOL, Yahoo, and MSN] | No | Free |
| SSL Termination/Proxy | Add-On | Add-On |

| ProxySG 8100 Series | SG8100-10 | SG8100-30 |
|------------------------------|--|------------------------|
| License Capacity | | |
| Concurrent Users | Unlimited | Unlimited |
| System | | |
| Disk drives | 4x300GB SCSI Ultra 320 | 8x300GB SCSI Ultra 320 |
| RAM | 6GB RAM | 16GB RAM |
| Network Interfaces | [2] integrated (on board) 10/100/1000 Base-T NICs 4x10/100/1000Base-T card (quad GigE with passthru) SSL card | |
| Optional Cards | None | |
| Optional NICs | 2x10/100/1000Base-T card (dual GigE) 4x10/100/1000Base-T card (quad GigE NIC or Passthrough) 4x10/100/1000Base-SX card (quad GigE Fibre) | |
| Physical Properties | | |
| Dimensions and Weight | | |
| Enclosure | 19" Rack-mountable | |
| Dimensions (L x W x H) | 59.2cm X 44.2cm X 17.652cm (23.3in X 17.4in X 6.95in) | |
| Weight (maximum) | 25.4kg(56lb) / 30.8kg(68lb) | |
| Operating Environment | | |
| Power | AC power 100-240V, 50-60Hz, 6.3-3.0A | |
| Maximum Power | 525 Watts | |
| Thermal Rating | 1792 BTU/Hr | |
| Temperature | 5°C to +40°C (41°F to 104°F) | |
| Humidity | Less than 90% relative humidity, non-condensing | |
| Altitude | Up to 3000 M (9,483 ft) | |
| DC Adapter Voltage | 36-72 volts DC Steady state current: 28 amp (typical) Inrush current: less than 10 amps (per module) | |
| Regulations | | |
| Emissions | FCC Class A, EN55022 Class A, VCCI Class A No.1706609, BSMI, CCC, C-tick | |
| Safety | CSA C22.2 No. 950 M95, UL 60950 3rd Edition, EN60950, TUV-GS, TUV-S, CCC, BSMI | |
| Standards | UL/CSA, TUV-S, BSMI, C-tick, CCC, CE | |
| Certifications | ICSA, NIAP EAL, FIPS 140-2 | |
| Product Warranty | | |

Limited, non-transferable hardware warranty for a period of one (1) year from date of shipment. BlueTouch Support contracts available for 24/7 software support and options for hardware support.