BLUE COAT®

Security Empowers Business

COMPLETE WEB SECURITY – WITH SUPERIOR PERFORMANCE

Blue Coat ProxySG S200/S400/S500

All too often, secure web gateway products force you to make a tough trade-off: stronger security or faster application performance. The Blue Coat ProxySG S200, S400 and S500 families are the world's leading secure web gateway solution because they solve this dilemma, delivering both comprehensive web security and WAN optimization. The entry-level S200, mid-range S400, and flagship S500 are part of Blue Coat's Security and Policy Enforcement Center, and provide scalable proxy platforms to secure your web communications and accelerate business applications. With robust capabilities including user authentication, web filtering, visibility of SSL-encrypted traffic, content caching, bandwidth management, stream-splitting, and more, ProxySG is the most versatile secure web gateway in the industry. That's why it is the product of choice for more than 86% of the Fortune Global 500.

Complete Protection and Control

ProxySG provides comprehensive protection and control over web traffic. It enables the following functions: Strong user authentication, web filtering, deep inspection of content for data loss or threats, security checks to the Blue Coat Global Intelligence Network, inspection and validation of SSL traffic, content caching and traffic optimization, bandwidth management, streaming media splitting and caching, and method level controls per protocol. It also has the ability to filter, strip or replace web content. The Web Application Policy Engine provides granular visibility and control over web applications. ProxySG is the ultimate foundation for a secure web gateway with its content controls and policy flexibility. It can also provide the unique ability to deliver web security and acceleration in one solution to a branch office. This all enables branch users to have access directly to the internet with the same security as users in a main office.

Layered Defenses Security Framework

When deployed with Blue Coat WebFilter, ProxySG includes WebPulse, part of the Global Intelligence Network uniting over 75M users for web awareness and response to web content and threats. Together they provide the best of on-premise controls with the collective intelligence of a cloud service. ProxySG integrates seamlessly with the Blue Coat Cloud Service to offer a hybrid solution for mobile device and remote user protection and filtering. ProxySG also integrates with the Blue Coat Content Analysis System to enable the highest performing inline threat analysis, including SSL, with a choice of leading anti-malware engines. And data loss prevention integration is securely enabled with S-ICAP or standard ICAP on ProxySG with certified DLP partners.

Unmatched Performance and Reliability

ProxySG innovations in new hardware platforms with multiple cores and the SGOS operating system with multi-threading provide up to 1Gbps throughput for high availability deployments and scale 5X beyond the previous generation. SGOS is a micro kernel built for web object processing. Secure and small in design, it rarely needs attention or patches, and it runs year after year at performance levels beyond the competition. Health checks and monitoring provide administrator awareness, and Blue Coat Director enables centralized device, license and policy management of ProxySG web gateways.
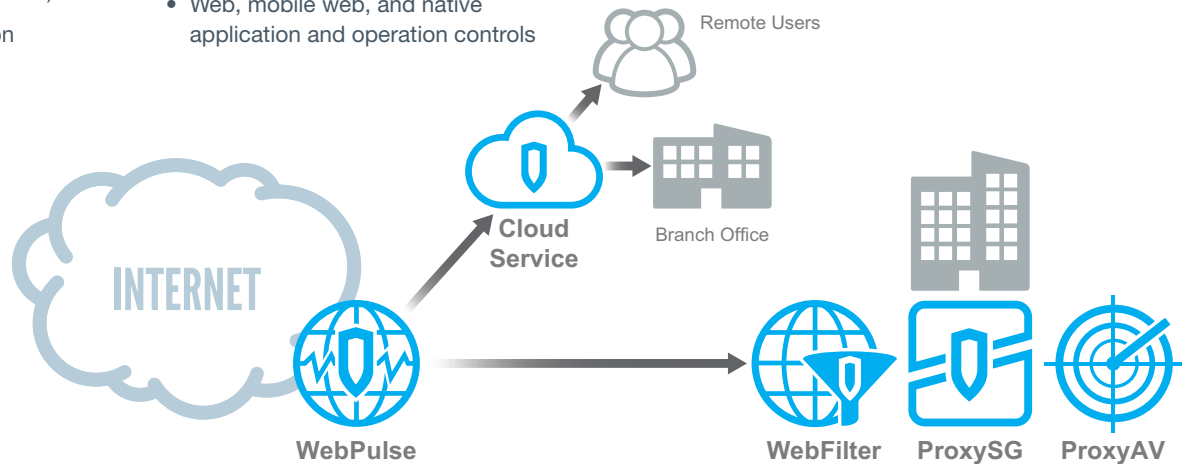
Scalability and Lower TCO

The Blue Coat security framework scales in many ways. The result is a lower TCO, and performance innovations require less hardware, rack space and power than alternative solutions. New defenses can be seamlessly added to the WebPulse cloud to scale the depth of protection. Expanding groups of remote users on the latest mobile devices can be protected with the Blue Coat Mobile Device Security service. Available reporting scales for visibility of all secure web gateway and remote users, with custom dashboards and reports on a single server optimized for up to 20 billion log lines.

PROXYSG S200/S400/S500

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Deploy ProxySG, WebFilter and Content Analysis System together to enable:

- Advanced web threat protection and Negative Day Defense
- Real-time web content ratings
- On-demand cloud intelligence
- Web 2.0 mashed up content filtering
- Inline threat analysis (three AV choices)
- Social networking threat protection
- True file type checks
- Compressed archive analysis
- Full IPv6 implementation

- IPv4 to IPv6 migration
- IPv6 advanced policy management
- File and attachment filtering
- Data loss prevention integration
- Proxy avoidance blocking
- Web, mobile web, and native application and operation controls

- Protocol method controls
- Bandwidth management
- Media stream splitting and caching
- Acceleration and optimization
- Transparent or Explicit deployment

Blue Coat provides a layered defense against Web 2.0 advanced web threats leveraging WebPulse cloud intelligence from over 75M users to protect the Web gateway and remote users. ProxySG provides unmatched policy flexibility, performance and reliability to secure networks and accelerate content.

PROXYSG	SG S200-10	SG S200-20	SG S200-30	SG S200-40	SG S400-20	SG S400-30	SG S400-40	SG 500-10	SG S500-20
LICENSE CAPACITY									
Employee Count	400	1200	2600	5000	6000	14,000	Unlimited	Unlimited	Unlimited
SYSTEM									
Disk Drives	500GB SATA	2 x 500GB SATA	2 x 500GB SATA	2 x 500GB SATA	3 x 1TB SAS	6 x 1TB SAS	8 x 1TB SAS	8 x 1TB SAS	16 x 1TB SAS
Boot Device	Single 16GB SSD				2 x 8GB SSD (dual redundant)				
RAM	6GB	8GB	8GB	16GB	16GB	24GB	32GB	64GB	128GB
Onboard Ports[1]	(2) 1000Base-T Copper ports (with bypass) (2) 1000Base-T Copper ports (non-bypass) (1) 10/100Base-T Copper, BMC Management Port							(2) 10Gb Base-T Copper ports (with bypass) (2) 10Gb Base-T Copper ports (non-bypass) (1) 1000Base-T Copper, System Management Port (1) 1000Base-T Copper, BMC Management Port	
Optional NICs	4 x 10/100/1000Base-T (Copper with bypass capability) 4 x 1GbE Fiber-SX (with bypass capability, full height slot only)				4x10/100/1000Base-T (Copper with bypass capability) 4x1GbE Fiber-SX (with bypass capability, full height slot only) 2x10Gb Base-T (Copper with bypass capability) 2x10Gb Base-T (Copper non-bypass) 2x10Gb Fiber (SR with bypass capability) 2x10Gb Fiber (LR with bypass capability)				
Available Slots	1 full height				1 full height / 1 half height			2 full height	2 full height / 3 half height
Power Supplies	1	1	1	1	2	2	2	2	2

[1] BMC ports are currently disabled.

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PHYSICAL PROPERTIES	SG S200	SG S400	SG S500
DIMENSIONS AND WEIGHT			
Dimensions (L x W x H)	446.3mm x 440.0mm x 43.5mm (17.57in x 17.32in x 1.71in) (chassis only) 454.5mm x 482.6mm x 43.5mm (17.89in x 19.0in x 1.71in) (chassis with extensions) **Note:** 640mm L (25.81in L) with optional slide rails 1 RU height	572mm x 432.5mm x 42.9mm (22.5in x 17.03in x 1.69in) (chassis only) 643mm x 485.4mm x 42.9mm (25.3in x 19.11in x 1.69in) (chassis with extensions) 1 RU height	710mm x 433.3mm x 87.2mm (27.95in x 17.05in x 3.43in) (chassis only) 812.8mm x 433.4mm x 87.2mm (32in x 17.06in x 3.43in) (chassis with extensions) 2 RU height
Weight (max)	Approx. 7.4 kg (16.4 lbs) +/- 5%	Approx. 12.8 kg (28 lbs) +/- 5%	Approx. 30kg (66.12 lbs) +/- 5%
OPERATING ENVIRONMENT			
AC Power	100-127VAC @ 6A 200-240V @ 3A, 47-63Hz	Dual redundant and hot swappable power supplies 100-127VAC @ 8A, 200-240VAC @ 4A, 47-63Hz	Dual redundant and hot swappable power supplies 100-240VAC, 50-60Hz, 12-5A
Total Output Power	350 Watts	450 Watts	1100 Watts
Thermal Rating	Typical: 785 BTU/Hr, Max: 1195 BTU/Hr	Typical: 1086 BTU/Hr, Max: 1381 BTU/Hr	Typical: 2598.42 BTU/Hr, Max: 3751 BTU/Hr
Optional DC Power	Not available	Input voltage range: 40.5V - 57V Input Max Current: 22A Total Output Power: 770W	Input voltage range: 40 - 72 VDC Input Max Current: 30A Total Output Power: 1100W
Temperature	5°C to 40°C (41°F to 104°F) at sea level		
Humidity	20 to 80% relative humidity, non-condensing		
Altitude	Up to 3048m (10,000ft)		

FOR ALL PROXYSG S200, S400 AND S500 SERIES

REGULATIONS	SAFETY	ELECTROMAGNETIC COMPLIANCE (EMC)
International	CB – IEC60950-1, Second Edition	CISPR22, Class A; CISPR24
USA	NRTL – UL60950-1, Second Edition	FCC part 15, Class A
Canada	SCC – CSA-22.2, No.60950-1, Second Edition	ICES-003, Class A
European Union (CE)	CE – EN60950-1, Second Edition	EN55022, Class A; EN55024; EN61000-3-2; EN61000-3-3
Japan	---	VCCI V-3, Class A
Mexico	NOM-019-SCFI by NRTL Declaration	---
Argentina	S Mark – IEC 60950-1	---
Taiwan	BSMI – CNS-14336-1	BSMI – CNS13438, Class A
China	CCC – GB4943.1	CCC – GB9254; GB17625
Australia/New Zealand	AS/NZS 60950-1, Second Edition	AS/ZNS-CISPR22
Korea	---	KC – RRA, Class A
Russia	CU – IEC 60950-1	GOST-R 51318.22, Class A; 51318.24; 51317.3.2; 51317.3.3
ENVIRONMENTAL	RoHS-Directive 2011/65/EU, REACH-Regulation No 1907/2006	
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 with options for hardware support.	
GOV'T CERTIFICATIONS	For further government certification information please contact Federal_Certifications@bluecoat.com	
MORE INFO	Contact regulatoryinfo@bluecoat.com for specific regulatory compliance certification questions and support	

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