

Secure, Integrated, Scalable Solutions Deliver Rich Media Content in Large-Scale, Boundary-Less Deployments

Today's enterprise rarely has clear boundaries. Employees work in various branch offices connected by the corporate WAN, and when they move away from the WAN, they require remote or mobile Internet access. In addition, customers, partners, and suppliers leverage the Internet for authorized, "on-demand" access to the enterprise—regardless of their physical location.

Challenges

Businesses expect IT to move fast and be highly responsive. The "boundary-less" enterprise and large population of mobile users put greater demands on Web application performance, making it difficult to deliver the network speed and security needed to keep the enterprise running 24/7.

IT organizations face three distinct challenges:

- > Security – IT must make the Web safe for business, blocking Internet security threats and inappropriate content, while granting authorized users access to necessary applications and content.
- > Performance – IT must strive to optimize performance of critical business applications, such as email, file systems, multimedia applications, and Web applications (including encrypted SSL applications) being delivered to remote users in branch offices, as well as mobile users.
- > Control – To address security and performance requirements, IT must have granular visibility and policy-based control capabilities to ensure that the business provides superior security and performance for all users and critical applications.

Brocade and Blue Coat Solution

Adding multiple Blue Coat intelligent appliances at the network edge moves content closer to the end user. Positioning Brocade's ServerIron® application switches in front of the Blue Coat appliances ensures that each user has a high-quality experience as they surf the Internet, send and receive e-mail, watch videos or use any other applications.

Brocade and Blue Coat joint solutions include some typical scenarios:

In Reverse Proxy, Web clients are accessing the reverse proxy in a non secure zone, the real servers are protected

and accelerated and the ServerIron adds High availability performance and security.

In Content Delivery Networks (CDN), clients are directed to the closest site, via the ServerIron's Global Server Load Balancing (GSLB), where the content is served through the local Blue Coat cache. The caches are updated during off hours.

In the Transparent Cache scenario (Figure 1), the local cache serves within the ISP network. The end-user accesses the remote servers only if the content doesn't exist on the local cache. ServerIron ensures minimum content duplication on the local cache farm using hashing or URL switching. The solution supports spoofing the client's IPs to the outside world to avoid blocking problems. The ServerIron can be used to Load Balance other applications like email DNS and more.

The result is better user experience and extra security with the ServerIron DoS protection.

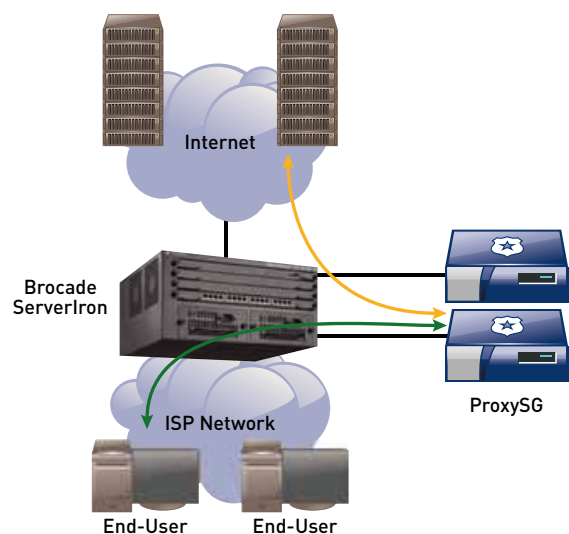


Figure 1 - Transparent Cache

Brocade and Blue Coat Advantages

By adding the fully interoperable solution set of Brocade ServerIron traffic controllers and Blue Coat intelligent application appliances, service providers and large enterprises can promise reliable, consistent application delivery, security, and an excellent user experience. This powerful combination of network devices can easily scale as the user population expands and traffic amounts increase.

Value Proposition

- > Scalable solution allows graceful network expansion
- > Application acceleration technology delivers optimal application performance
- > Multiple security features and architecture protects network and business assets
- > Built-in redundancies support highly available network and applications
- > Proven, integrated appliances ensure interoperability

Industry Recognition

- > Gartner positions Blue Coat in the Leaders Quadrant in the 2009 Magic Quadrants for WAN Optimization and the 2008 Magic Quadrant for Secure Web Gateway.
- > ServerIron Family of Switches: Application Delivery Controllers 2008 Product Leadership Award – SearchNetworking.com
- > Brocade Campus LAN–Gartner Magic Quadrant 2008
- > Blue Coat WAN Optimization Leader – Gartner Magic Quadrant 2008
- > Brocade ServerIron 4G Series: 2007 Product of the Year – Communications Solutions
- > Blue Coat: WAN Acceleration Product of the Year 2007 – TechWorld

About Brocade

Brocade is a leading provider of high-performance enterprise and service provider switching, routing, security, and application traffic management solutions including edge and backbone Ethernet switches, Web and content-aware application switches, network-wide security solutions, wireless LAN and access points, wide area access routers and Internet provider edge and service provider core MPLS routers. Brocade's customers include the world's premier ISPs, metro service providers, and enterprise including e-commerce sites, universities, entertainment, healthcare, government, financial, manufacturing companies, technology, and high-performance computing (HPC) sites.

About Blue Coat

Blue Coat Systems is the technology leader in application delivery networking. Blue Coat offers an Application Delivery Network infrastructure that provides the visibility, acceleration and security required to optimize and secure the flow of information to any user, on any network, anywhere. This provides the comprehensive application and user control required to contain costs, enhance productivity and respond quickly to changing business requirements, fueling a long-term competitive advantage for the distributed enterprise. Blue Coat has an aggressive strategy and solution roadmap for advancing the integration of the visibility, acceleration and security technologies at the heart of the application delivery network.