

APPLICATION DELIVERY PARTNER SOLUTIONS



APPLICATION SERVICES DELIVERY

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

HIGHLIGHTS

- Brocade® ServerIron® traffic controllers and Blue Coat intelligent application appliances offer a reliable, high-performance, and secure application delivery for a superior user experience.
- All users, including remote and mobile clients, get high performance and high availability for mission-critical services .
- Control and manageability of networks without boundaries is assured at all times.
- Scalable solution enables graceful network expansion.

INDUSTRY RECOGNITION

- Brocade ServerIron family of switches: Application Delivery Controllers 2008 Product Leadership Award from SearchNetworking.com
- Brocade Campus LAN in Gartner Magic Quadrant 2008
- Blue Coat WAN Optimization Leader om Gartner Magic Quadrant 2008
- Brocade ServerIron 4G Series: 2007 Product of the Year—Communications Solutions
- Blue Coat: WAN Acceleration Product of the Year 2007 from TechWorld

Today's enterprises rarely have clear boundaries. Employees work in branch offices connected by the corporate Wide Area Network (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 to be highly responsive. The “boundary-less” enterprise and a large population of mobile users put greater demands on Web and IP-based application performance, making it difficult to deliver the network speed and security needed to keep the enterprise running 24x7. In fact, 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 their applications and content.
- **Performance.** IT must optimize performance of critical business applications, such as e-mail, file systems, multimedia applications, and Web applications (including encrypted SSL applications) 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 access control capabilities to ensure that the business provides superior security and performance for all users and critical applications.

PARTNER SOLUTION BENEFITS

Adding multiple Blue Coat intelligent appliances at the network edge moves content closer to the end user. Positioning the Brocade ServerIron application switches to the 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 other applications. Brocade and Blue Coat joint solutions include these common scenarios:

- In **Reverse Proxy**, Web clients access the reverse proxy in a non-secure zone, real servers are protected and accelerated, and the Brocade ServerIron adds high availability, performance, and security.
- In **Content Delivery Networks (CDN)**, clients are directed to the closest site, via the ServerIron Global Server Load Balancing (GSLB), with which content is served through the local Blue Coat cache (caches are updated during off-hours).

- In the **Transparent Cache** scenario shown in Figure 1, the local cache serves in the ISP network. End users access remote servers only if the content is not present on the local cache. The ServerIron ensures minimum content duplication on the local cache farm using hashing or URL switching. The solution supports spoofing the client's IP addresses to the outside world to avoid blocking problems. The ServerIron can be used to load balance other applications such as e-mail, DNS, and so on. The result is enhanced user experience and extra security with ServerIron DoS protection.

By adding the fully interoperable solution set of Brocade ServerIron traffic controllers and Blue Coat ProxySG intelligent application appliances, service providers and large enterprises can promise reliable, consistent application delivery, security, and an excellent user experience, which can easily scale with expanding user populations and increased traffic rates.

ABOUT BLUE COAT

Blue Coat Systems secures Web communications and accelerates business applications across the distributed enterprise. Blue Coat's family of appliances and client-based solutions—deployed in branch offices, Internet gateways, end points, and data centers—provides intelligent points of policy-based control, enabling IT organizations to optimize security and accelerate performance for

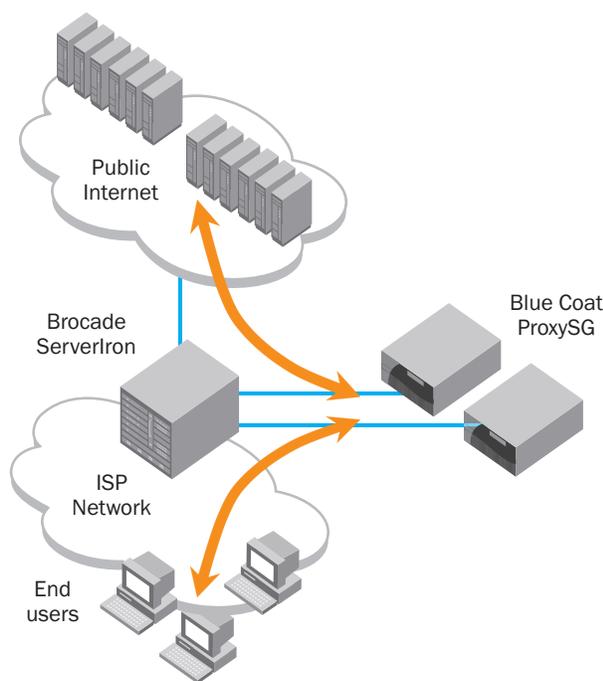


Figure 1.
Transparent cache.

all users and applications. Blue Coat has an installed base of more than 8,000 customers worldwide and is ranked #1 by IDC in the Secure Content and Application Delivery market.

ABOUT BROCADE

As a leading provider of high-performance data center, enterprise, and service provider networking solutions and services, Brocade develops extraordinary networking solutions that enable today's complex, data-intensive businesses to optimize information connectivity and maximize the business

value of their data. Brocade has pioneered switching, routing, security, and application traffic management technologies to ensure highly reliable and secure data center connectivity. Today most of the world's data flows through Brocade equipment and data center networks built on Brocade technologies, which explains why Global 500 companies rely on Brocade to keep their businesses running around the clock.

For more information about this solution, contact a Brocade sales representative or visit www.brocade.com

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