Content Filtering Service

Scalable, dynamic solution to block non-productive web content

Illegal or inappropriate web sites can easily be accessed by any network user with a browser. These same sites are often infected with malware that can be used to steal confidential information and drain employee productivity, as well as put your organization at risk for regulatory non-compliance, funding withdrawal and even criminal liability. An example of these regulatory requirements is that schools and libraries that receive E-Rate funding are required by law to install a content filtering solution that complies with the Children's Internet Protection Act (CIPA).

Dell™ SonicWALL™ Content Filtering Service (CFS) provides unequalled content filtering enforcement for businesses, educational institutions, libraries and government agencies, as well as distributed public Internet hotspots. Available as a subscription service for all Dell SonicWALL TZ, Network Security Appliance (NSA) and E-Class NSA firewalls or as part of a Comprehensive Gateway Security Suite or TotalSecure subscription, Dell SonicWALL CFS blocks inappropriate content, reduces organizational liability and increases productivity for organizations of any size.

Dell SonicWALL CFS utilizes a comprehensive database of millions of URLs, IP addresses and web sites. Using a high-performance rating and caching architecture, CFS dynamically updates ratings locally on a Dell SonicWALL firewall for instantaneous comparison. With CFS, administrators can apply access or denial policies based upon over 59 URL categories, individual or group identity, or time of day.

- Granular content filtering
- Dynamically updated rating architecture
- Application traffic analytics
- Easy-to-use web-based management
- High-performance web caching and rating architecture
- IP based HTTPS content filtering
- Scalable, cost-effective solution

Features and benefits

Granular content filtering allows the administrator to block or apply bandwidth management to all pre-defined categories or any combination of categories. Administrators can apply User Level Authentication (ULA) and Single Sign-On (SSO) to enforce username and password logon. CFS can block potentially harmful content such as Java™, ActiveX®, and Cookies, as well as schedule filtering by time of day, such as during school or business hours. CFS also enhances performance by filtering out IM, MP3s, streaming media, freeware and other files that drain bandwidth.

Dynamically updated rating architecture
cross-references all requested web sites against a highly accurate database categorizing millions of URLs, IP addresses and domains. The Dell SonicWALL firewall receives ratings in real time, and then compares that rating to the local policy setting. The appliance

will then either allow or deny the request, based on the administrator's locally configured policy.

Application traffic analytics suite includes Dell SonicWALL Global Management System (GMS®), Dell SonicWALL Analyzer and Dell SonicWALL Scrutinizer, which provides real-time and historic analysis of data transmitted through the firewall, including web sites blocked and visited by user.

Easy-to-use web-based management enables flexible policy configuration and complete control over Internet usage. Administrators can enforce multiple custom policies for individual users, groups or specific category types. Local URL filtering controls can allow or deny specific domains or hosts. To block objectionable material more effectively, administrators can also create or customize filtering databases.

High-performance web caching and rating architecture allows administrators to block sites easily and automatically by category. URL ratings are cached locally on the Dell SonicWALL firewall, so that response time for subsequent access of frequently visited sites is only a fraction of a second.
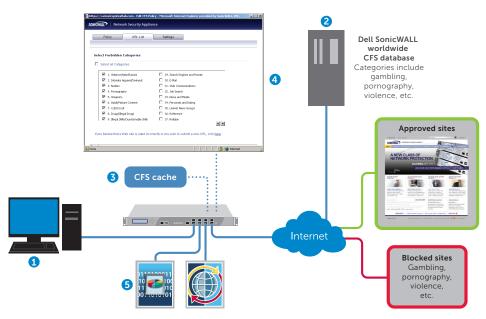
IP-based HTTPS content filtering allows administrators to control user access to web sites over encrypted HTTPS. HTTPS filtering is based on the categorical rating of inappropriate web site types, such as gambling, online banking, online brokerage and trading, shopping and hacking/proxy avoidance.

Scalable, cost-effective solution controls content filtering from the Dell SonicWALL firewall, eliminating the need for additional hardware or deployment expenditures on a separate dedicated filtering server.

Dell SonicWALL Content Filtering Service architecture

Administered through an intuitive interface, Dell SonicWALL Content Filtering Service (CFS) enables filtering and control to take place directly over a LAN, wireless LAN or VPN. Combined with the power and scalability of Dell SonicWALL network security appliances, and the robust reporting and management of the Dell SonicWALL Analyzer and Dell SonicWALL Global Management System (GMS®), CFS delivers an integrated, easy-to-use, highly-manageable filtering solution for organizations of any size.

❶ Dell SonicWALL CFS user
❷ Distributed Dell SonicWALL CFS ratings data base
❸ Local ratings cache of acceptable sites
❹ Set URL polices to block objectionable or counter productive web sites
❺ Reports using Dell SonicWALL Analyzer or GMS

SonicWALL

Features

	CFS Premium
Categories	59
User/group policies	Yes
Dynamic rating	Yes
Reporting	Analyzer* and GMS*
Web site caching	Yes
Safe search enforcement	Yes
CFS policy enforcement per IP range	Yes
Available on:	
TZ Series	Yes
NSA Series	Yes
E-Class NSA Series	Yes

*Analyzer and GMS are optional and sold separately.

Dell SonicWALL Content Filtering Service

NSA E8510 (1-year)
01-SSC-9268

NSA E8500 (1-year)
01-SSC-8943

NSA E6500 (1-year)
01-SSC-7330

NSA E5500 (1-year)
01-SSC-7331

NSA 4500 (1-year)
01-SSC-7346

NSA 3500 (1-year)
01-SSC-7333

NSA 2400 (1-year)
01-SSC-7334

NSA 250M Series (1-year)
01-SSC-4576

NSA 220 Series (1-year)
01-SSC-4618

TZ 215 Series (1-year)
01-SSC-4763

TZ 205 Series (1-year)
01-SSC-4805

TZ 105 Series (1-year)
01-SSC-4850

Multi-year Content Filtering Service SKUs are available.

For more information on Dell SonicWALL Content Filtering Service and our complete line of security offerings, please visit our web site at **www.sonicwall.com**.

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