

WEBSENSE MASTER DATABASE PROTOCOL CATEGORIES



The heart of Websense® software is the Websense Master Database. A dedicated staff of analysts works diligently to keep it the largest and most up-to-date database in the industry. Utilizing a combination of proprietary classification software and human inspection techniques to ensure the most complete coverage, the Websense Master Database has the most accurate classification of protocols, URLs, and applications. The Websense Master Database contains more than 80 protocols, organized into more than 15 categories. This variety of categories gives organizations a high degree of specificity in designing their protocol use policies.

PROTOCOL CATEGORIES

One of the key elements of all Websense solutions is the Websense Master Database.

Database

Protocols that enable the creation and manipulation of structured sets of information.

File Transfer

Protocols that enable user control over the transfer of files across a network.

Instant Messaging/Chat

Protocols that enable the sending and receiving of synchronous, real-time messages to the desktop. (Also known as chat-room protocols).

Instant Messaging File Attachments

Protocols that enable the sending and receiving of files attached to synchronous, real-time messages to the desktop.

Mail and Collaborative Tools

Mail protocols that enable the receiving, display, composing, and sending of email. Also, collaboration tool (also known as groupware) protocols that enable the sharing of files and applications across workgroups, networks, or enterprises and provide communication and shared workspace for groups.

Malicious Traffic*

Bot Networks – Command-and-control traffic generated by a bot attempting to connect with a botnet for malicious purposes (e.g. remote control or data theft).

Malicious Traffic (Monitor Only)*

Email-Borne Worms – Outbound SMTP traffic that may be generated by an email-based worm attack.

Other Malicious Traffic – Inbound or outbound traffic suspected of connection with malicious applications, but not comprised within other protocol definitions.

Other

Protocols not otherwise categorized in the Websense Master Database.

P2P File Sharing

Protocols that enable file search and sharing across a network without dependence on a central server.

Proxy Avoidance

Protocols that enable the avoidance or bypassing of proxy server features.

Remote Access

Protocols that enable authorized access to and use of a desktop computer or private network from a remote location.

Streaming Media

Protocols that enable the use and playback of audio or video files.

System

Protocols used in File Management, Infrastructure, Installers, Miscellaneous Utilities, Operating Systems, and Scripting Hosts.

User-Defined

Custom protocol category defined by the user.

Web

Protocols that enable the publication of information on the World Wide Web.

* Only available to customers running versions 6.2 or newer of Websense Web Security Suite™.

THE WEBSENSE MASTER DATABASE

URLs

- Contains over 20 million websites, published in more than 50 languages, and organized into more than 90 categories.
- Gives organizations a high degree of specificity when designing their internet use policies.

Protocols

- Contains over 80 protocols, organized into 15 categories, including current protocols for peer-to-peer (P2P), instant messaging (IM), and streaming media applications.
- Helps organizations manage their network use by allowing or disallowing use of an application requiring network resources to communicate.

Applications

- A comprehensive categorization of PC applications – contains over 1.9 million applications and executables (not including Miscellaneous category and sub-categories), organized into 50 application categories.
- Allows organizations to define flexible, scalable policies for acceptable application use at the endpoint.

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