

# Configuring Content Filter in WiFiLAN

A Tutorial



**Version 1.0**  
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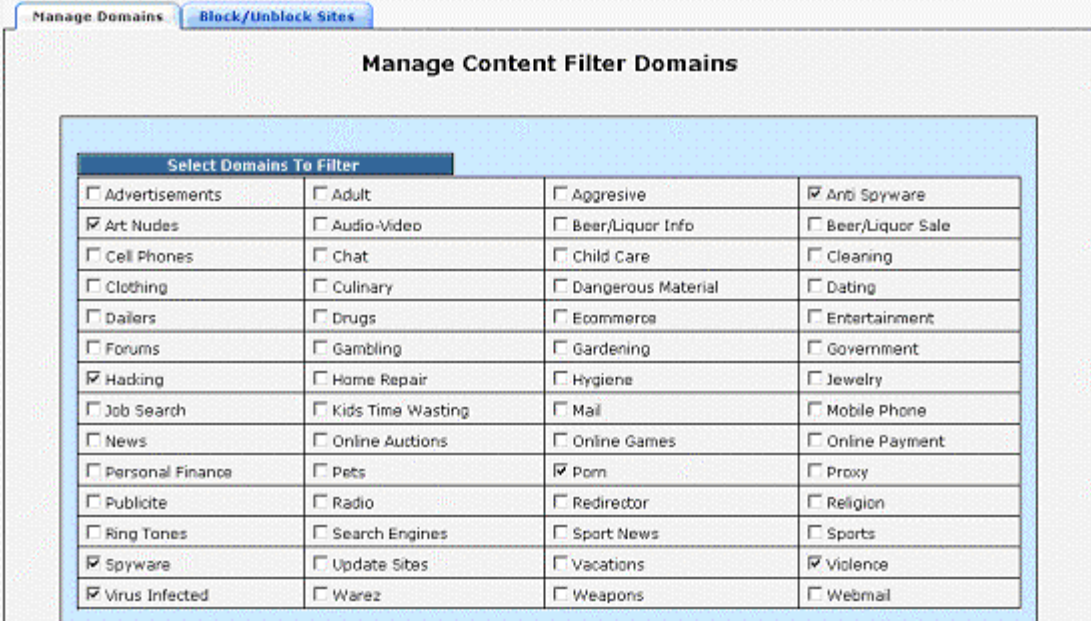
## Introduction

Wifi-soft's Content Filtering solution allows customers to control the content that gets viewed on their hotspots. This solution is particularly attractive to customers who provide Internet services in public places such as cafes, restaurants, libraries, train stops, parks, etc. The content filtering solution blocks unwanted sites from reaching the user's computer by redirect the browser to a warning page whenever the user tries to access the blocked content.

## Managing Domains

The blocked URLs maintained in the Content Filter server are categorized based on domains. Each domain contains URLs that are similar in nature. E.g. Violence.

The administrators can configure the domains that need to be blocked by checking the appropriate checkbox in the Manage Domains tab. The changes will take effect after the Content Filter server reloads the blocked URL list from our commercial vendor.

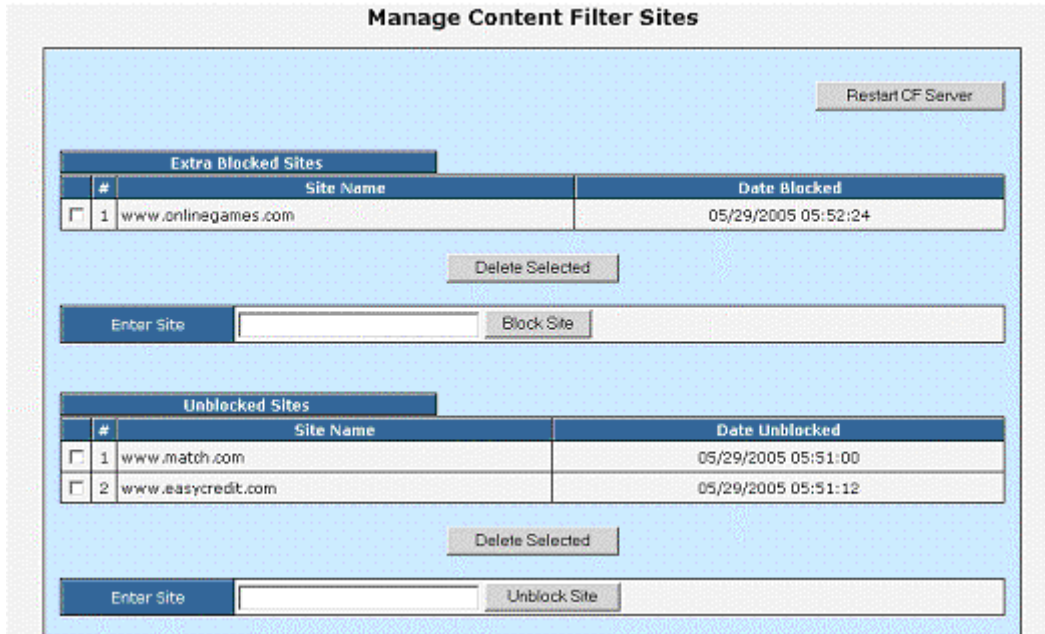


The screenshot shows a web interface for managing content filter domains. At the top, there are two tabs: 'Manage Domains' and 'Block/Unblock Sites'. Below the tabs is the title 'Manage Content Filter Domains'. The main content area is a table titled 'Select Domains To Filter' with 4 columns and 16 rows of domain categories. Each category has a checkbox indicating whether it is selected for filtering.

Select Domains To Filter			
<input type="checkbox"/> Advertisements	<input type="checkbox"/> Adult	<input type="checkbox"/> Aggressive	<input checked="" type="checkbox"/> Anti Spyware
<input checked="" type="checkbox"/> Art Nudes	<input type="checkbox"/> Audio-Video	<input type="checkbox"/> Beer/Liquor Info	<input type="checkbox"/> Beer/Liquor Sale
<input type="checkbox"/> Cell Phones	<input type="checkbox"/> Chat	<input type="checkbox"/> Child Care	<input type="checkbox"/> Cleaning
<input type="checkbox"/> Clothing	<input type="checkbox"/> Culinary	<input type="checkbox"/> Dangerous Material	<input type="checkbox"/> Dating
<input type="checkbox"/> Dailers	<input type="checkbox"/> Drugs	<input type="checkbox"/> Ecommerce	<input type="checkbox"/> Entertainment
<input type="checkbox"/> Forums	<input type="checkbox"/> Gambling	<input type="checkbox"/> Gardening	<input type="checkbox"/> Government
<input checked="" type="checkbox"/> Hacking	<input type="checkbox"/> Home Repair	<input type="checkbox"/> Hygiene	<input type="checkbox"/> Jewelry
<input type="checkbox"/> Job Search	<input type="checkbox"/> Kids Time Wasting	<input type="checkbox"/> Mail	<input type="checkbox"/> Mobile Phone
<input type="checkbox"/> News	<input type="checkbox"/> Online Auctions	<input type="checkbox"/> Online Games	<input type="checkbox"/> Online Payment
<input type="checkbox"/> Personal Finance	<input type="checkbox"/> Pets	<input checked="" type="checkbox"/> Porn	<input type="checkbox"/> Proxy
<input type="checkbox"/> Publicite	<input type="checkbox"/> Radio	<input type="checkbox"/> Redirector	<input type="checkbox"/> Religion
<input type="checkbox"/> Ring Tones	<input type="checkbox"/> Search Engines	<input type="checkbox"/> Sport News	<input type="checkbox"/> Sports
<input checked="" type="checkbox"/> Spyware	<input type="checkbox"/> Update Sites	<input type="checkbox"/> Vacations	<input checked="" type="checkbox"/> Violence
<input checked="" type="checkbox"/> Virus Infected	<input type="checkbox"/> Warez	<input type="checkbox"/> Weapons	<input type="checkbox"/> Webmail

## Adding Exception Rules

Sometimes the content filter server may block sites that the customer feels are appropriate for their users to view. On the other hand, it may be possible that the content filter is not blocking sites that the customer feels are inappropriate for their users. The Manage Site feature allows administrators to specify extra sites to block or unblock certain set of sites.



To add new sites to the list of blocked site, add the complete URL to the text box next to the Block Site button and click the button. The newly added list is listed in the Extra Blocked Sites table. Similarly to unblock a particular site, add the complete URL for that site to the text field next to Unblock Site button. The newly added entry will be displayed in the Unblocked Sites table.

To remove the entries for the respective tables, select the required entries and then click the Delete button. Please note that administrators need to enter complete URLs for the blocked or unblocked sites. The Content Filter server will perform an exact match while processing these URLs. If administrators want to block/unblock a list of sites from a particular domain, then they need to enter the domain name only. E.g. playboy.com will block/unblock all sites contain playboy.com in their URL.

### Configuring Gateways

To activate content filtering at your hotspot, you need to make some changes to your gateway/router's configuration. You have to add the following two IP address entries in your DNS (Domain Name Service) configuration.

#	Server Name	IP Address
1	Primary DNS Server	69.64.34.236
2	Secondary DNS Server	82.165.244.98

Please refer to your gateway documentation for changing the DNS settings.