

WFReporter System Administrator Guide



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Preface

Purpose

The key objective of WFRporter System Administrator Guide is to help System Administrators perform their regular System Administration tasks and effectively use the various features of WFRporter application.

Target Audience

This book is intended for:

- Users
- System Administrators

Organization

WFReporter System Administrator Guide is organized as follows:

Table 1: Organization

Chapter	Description
Chapter 1 : "WireFilter Reporter" on page 1	Describes an overview of WireFilter Reporter application and its benefits
Chapter 2 : "Websites Reports" on page 3	Describes the various Websites Reports
Chapter 3 : "Top Countries" on page 13	Describes the top countries hosting the popular websites
Chapter 4 : "Top Categories" on page 15	Describes the top categories of the websites
Chapter 5 : "HTTP Vs HTTPS" on page 17	Describes the comparison between HTTP and HTTPS requests
Chapter 6 : "Blocked Vs Allowed" on page 19	Describes the comparison between blocked and allowed requests
Chapter 7 : "Subnets Usage" on page 21	Describes the HTTP and HTTPS requests based on the subnets
Chapter 8 : "IPv6" on page 23	Describes the HTTP and HTTPS statistics based on IP version 6 requests
Chapter 9 : "Customizing Reports by Date" on page 25	Describes the reports customization by a given date
Chapter 10 : "Management" on page 27	Describes the user and settings management

Other Product Documentation

In addition to this Guide, the WFReporter documentation set includes various printed or Online documentation collections and manuals.

Available Formats

Documentation for this product is available in:

- Printed or Online documentation set
- Portable Documentation Format (PDF)
- Online Help

Note: You need Adobe Acrobat Reader to read PDF Documents. This product is available free from Adobe at the following location:

<http://www.adobe.com/products/acrobat/readstep.html>

Other Sources of Information

You might need information that is not contained in the printed or Online documentation, or you might have questions that are not related to a particular product. Following are some additional resources for you.

Company News

To learn more about WReporter Platform, services, and company news, visit our Corporate Website:

- *Visit www.wirefilter.com*
- *Call +966 11 207 9770 / +971 4 371 3388*
- *WireFilter Support at <https://support.wirefilter.com>*

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CHAPTER

1

WireFilter Reporter

WireFilter Reporter is an analysis aggregation and report generating application.

WireFilter Reporter provides you the ability to view graphical representations of several filtering attributes. This includes a comparison between allowed and blocked HTTP or HTTPS requests and as well a representation of the most visited websites.

This WireFilter Reporter System Administrator Guide aims to guide you with various features and usage of WireFilter Reporter.

1.1 Graph Display

WFReporter provides you the ability to display the set of websites reports by column or line.

Column: The Column display is a graph comparison of the number of hits per website.

Line: The Line display is a graph comparison of the number of hits over time per website.

You can observe this consistency across all WFReporter website reports as described in Chapter 2: Websites Reports.

CHAPTER

2

Websites Reports

2.1 Top Sites

Figure 2-1: Top Sites display the most requested websites based on the HTTP or HTTPS requests that have been processed by the WireFilter System. For instance, Google.com, Youtube.com and so on.

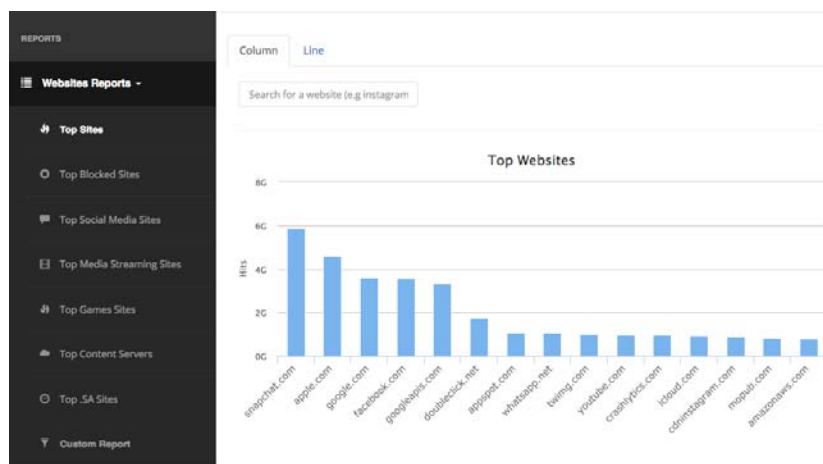


Figure 2-1: Top Sites

2.2 Top Blocked Sites

The Top Blocked Websites statistics shows the number of blocked websites and their corresponding hits. This helps you to understand and track the details of top blocked website.

Figure 2-2: Top Blocked Sites display the most requested blocked websites based on the HTTP or HTTPS requests that have been blocked by the WireFilter system. For instance, Sex.com, Poker.com, and so on.

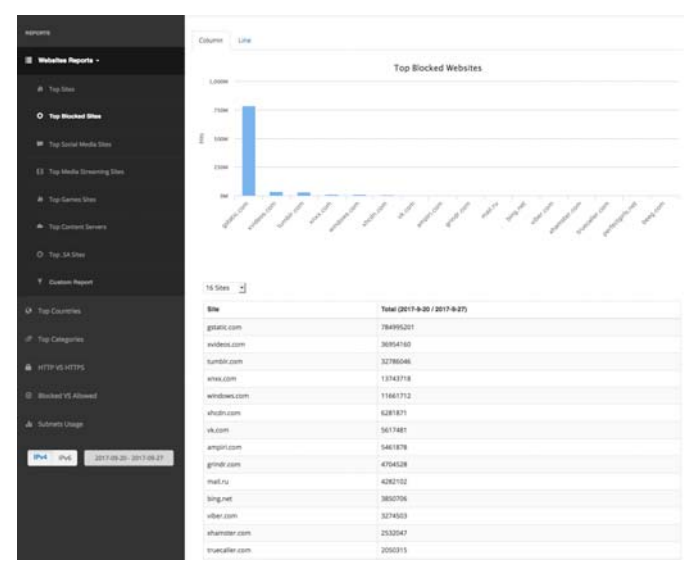


Figure 2-2: Top Blocked Sites

2.3 Top Social Media Sites

The social media sites statistics shows the top social media networks that people use to build social networks or social relations with other people who share similar personal or career interests, activities, backgrounds or real-life connections.

Figure 2-3: Top Social Media Sites display the most requested social media websites based on the HTTP or HTTPS requests that have been processed by the WireFilter System. For instance, Facebook.com, Instagram.com, and so on.

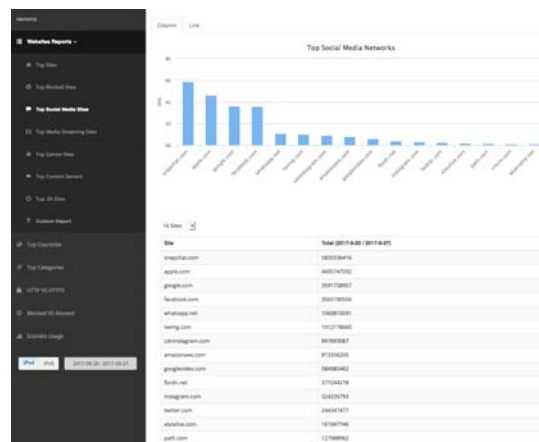


Figure 2-3: Top Social Media Sites

2.4 Top Media Streaming Sites

The media streaming sites statistics shows the top websites associated with popular Internet activities. This include watching videos from across the world, news recaps, television shows, tutorials, or funny videos.

Figure 2-4: Top Media Streaming Sites display the most requested Media Streaming websites based on the HTTP or HTTPS requests that have been processed by the WireFilter System. For instance, Youtube.com, Vimeo.com, and so on.

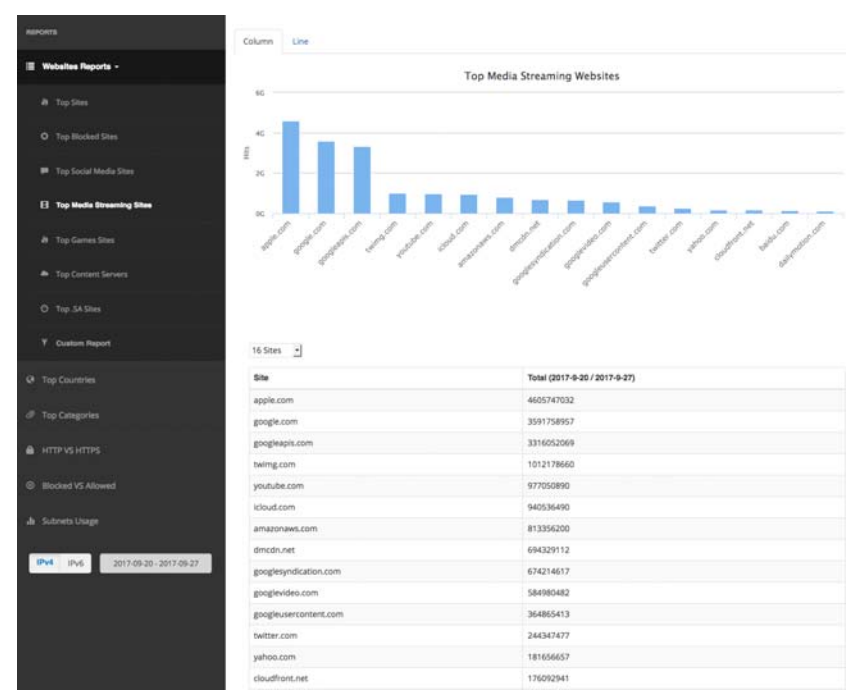


Figure 2-4: Top Social Media Streaming Sites

2.5 Top Games Sites

The gaming sites statistics include tracking top on line gaming sites involving puzzle, action, word, arcade, sport, board, and card games.

Figure 2-5: Top Games Sites display the most requested Gaming websites based on the HTTP or HTTPS requests that have been processed by the WireFilter System. For instance, WorldofTanks.com.

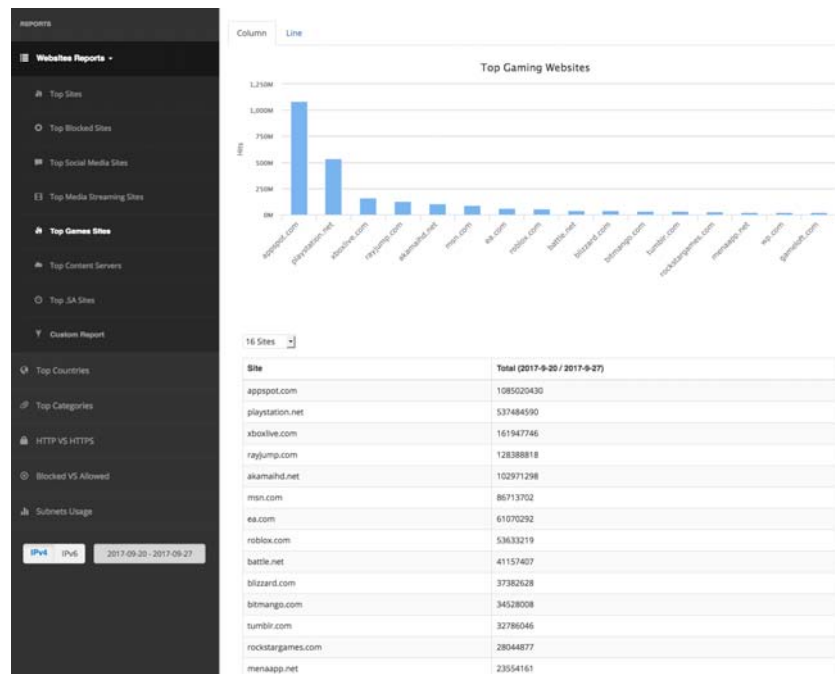


Figure 2-5: Top Gaming Sites

2.6 Top Content Servers

The content servers statistics tracks the top and popular content servers for the Internet. This includes news, sports, and references.

Figure 2-6: Top Content Servers display the most requested content providing websites based on the HTTP or HTTPS requests that have been processed by the WireFilter System. For instance, Youtube.com.

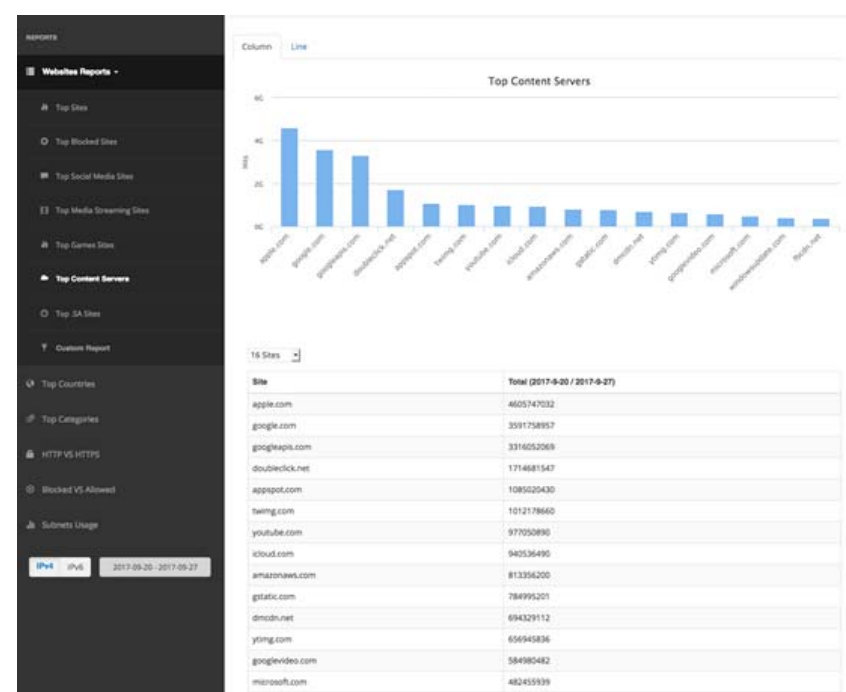


Figure 2-6: Top Content Servers

2.7 Top .SA Sites

Figure 2-7: Top .SA Sites display the top and healthy dose of news and government related websites in the Kingdom of Saudi Arabia.

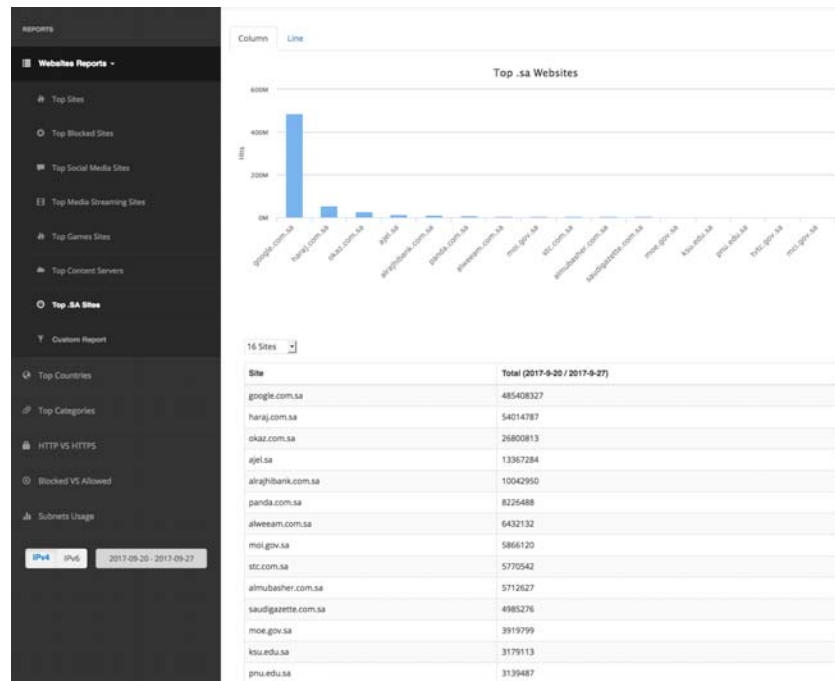


Figure 2-7: Top .SA Sites

2.8 Custom Report

Custom Report generates a report based on user set criteria based on the HTTP or HTTPS requests that have been processed by the WireFilter System.

CHAPTER

3

Top Countries

This denotes the top countries hosting the most popular websites that include web pages, images, and videos based on the origin country.

Top Countries display the origin country of the most sought after websites. For instance, China, USA, and so on.

Figure 3-1: Top Countries show USA as a topper in the list with more than 60G hits.

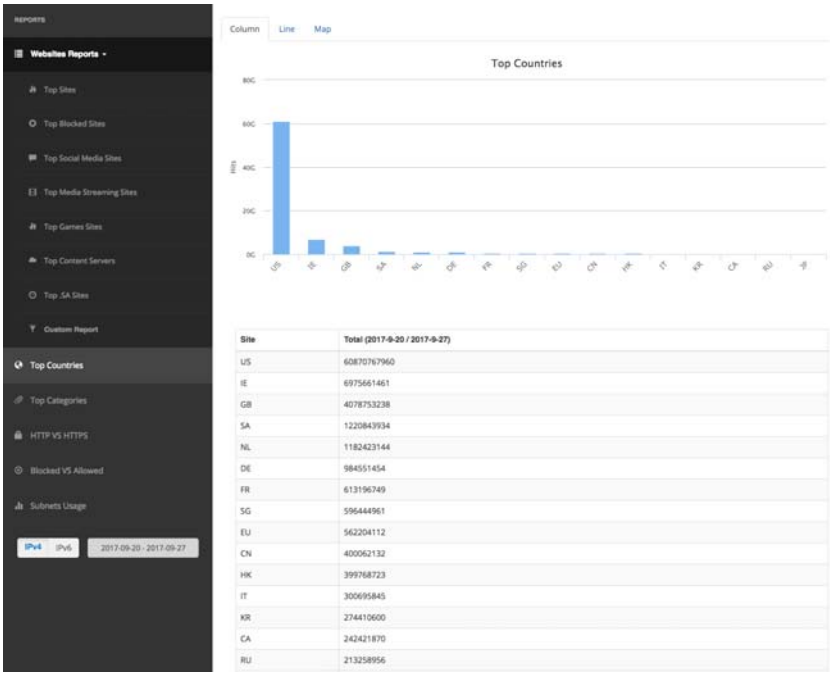


Figure 3-1: Top Countries

CHAPTER

4

Top Categories

The categories statistics provides the top categories of the websites that include, Content Server, Internet services, Social networking, Software/Hardware, Media sharing, Streaming media, Business, Web advertisements, Portal sites, Marketing/Merchandising, Technical/Business forums, Mobile phones, Chats, Media downloads, and Interactive web applications to name a few.

Top Categories display the categories of the most requested websites. For instance, Business, Social Media, and so on.

Figure 4-1: Top Categories show the report of top countries hosting the most sought after websites.

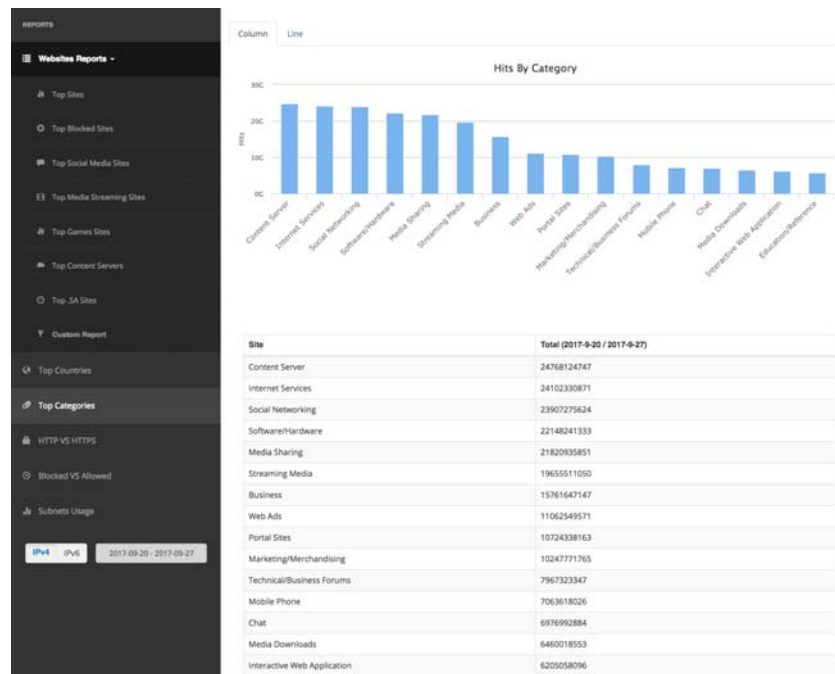


Figure 4-1: Top Categories

CHAPTER

5

HTTP Vs HTTPS

The HTTP Vs HTTPS statistics provides the number of hits and market position of those protocols in terms of their popularity and traffic.

Figure 5-1: HTTP Vs HTTPS displays primarily a comparison between HTTP and HTTPS requests.

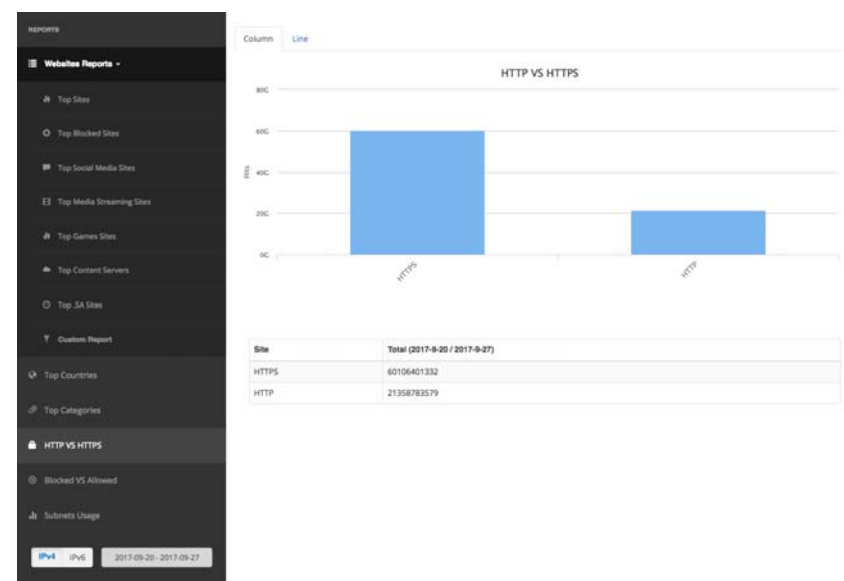


Figure 5-1: HTTP Vs HTTPS

CHAPTER

6

Blocked Vs Allowed

The blocked versus allowed statistics provides appropriate traffic that came to the website due to the blocked and allowed requests.

Figure 6-1: Blocked Vs Allowed displays primarily a comparison between allowed and blocked HTTP or HTTPS requests.

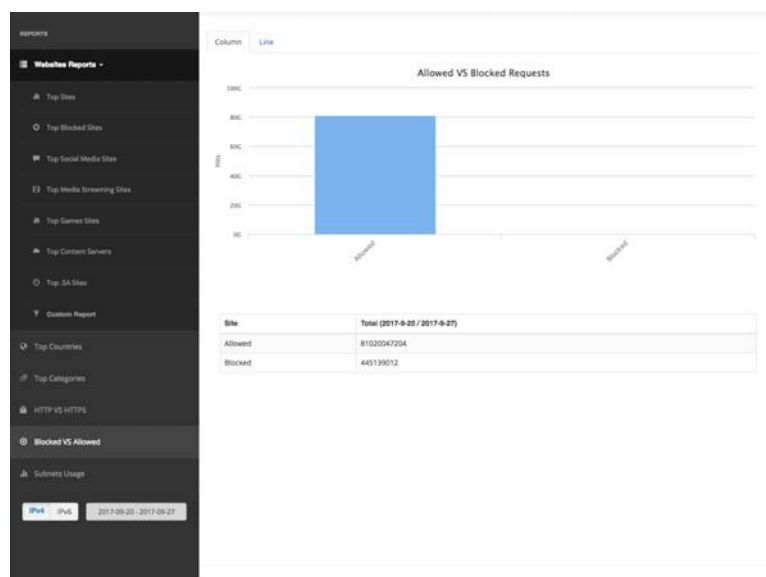


Figure 6-1: Blocked Vs Allowed

CHAPTER

7

Subnets Usage

Subnets Usage statistics provides HTTP or HTTPS requests according to subnets.

You can create smaller broadcast domains and to better utilize the bits in the host ID and sub-divide an IP network into smaller networks.

Each network is bounded by an IP router and assigned a new subnet network ID. This is a sub-set of the original class-based network ID that creates subnets.

Figure 7-1: Subnets Usage displays HTTP or HTTPS statistics based on the subnets.

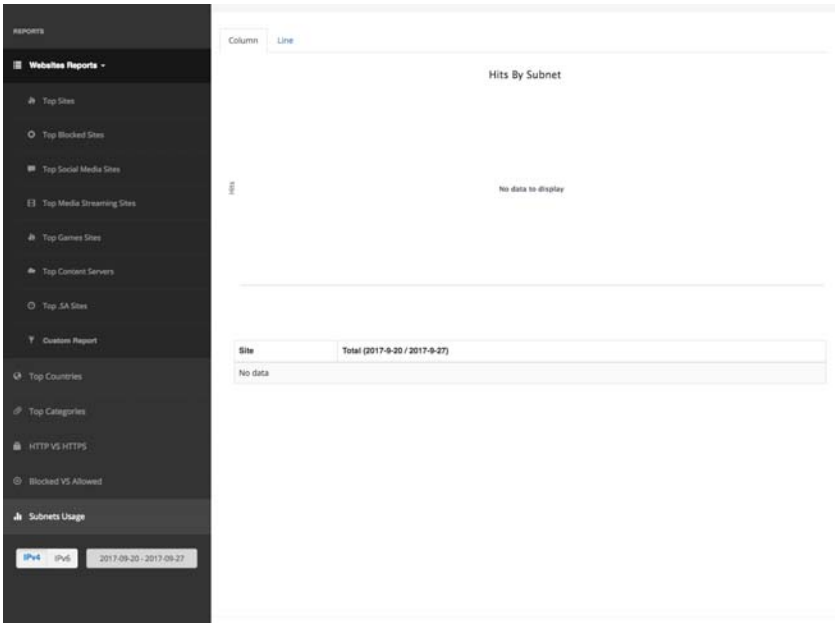


Figure 7-1: Subnets Usage

CHAPTER

8

IPv6

Internet protocol version 6 (IPv6) is the most recent version of the Internet Protocol (IP).

It acts as a communication protocol that provides an identification and location system for computers on networks and routes traffic across the Internet.

Figure 8-1: IPv6 displays the HTTP or HTTPS statistics based on IP version 6 requests.

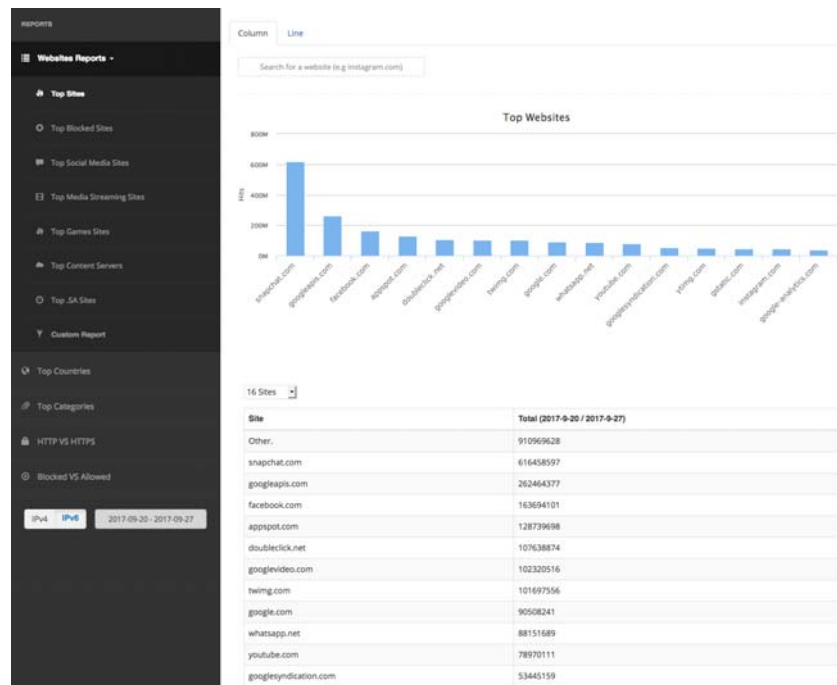


Figure 8-1: IPv6

CHAPTER

9

Customizing Reports by Date

This chapter helps you to display a report based on user Custom range of dates.

Initially it uses the last 7 days as a default setting. You have the flexibility to display the Last 30 Days, This Month and Last Month, or customize your dates, as appropriate.

You can apply this feature on all reports and once you apply the dates, it will be in effect when you move between reports.

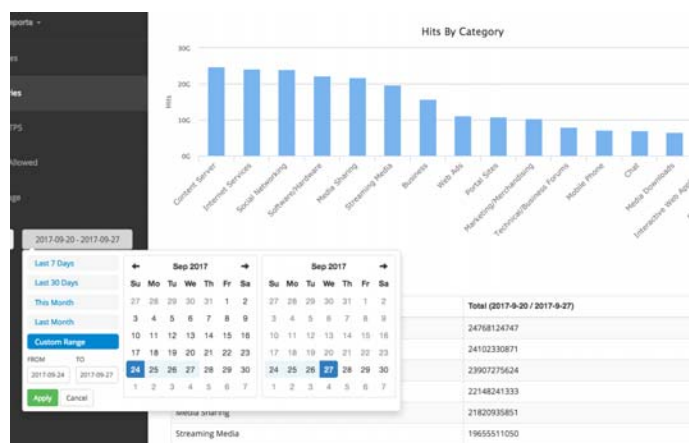


Figure 9-1: Customizing Reports by Date

CHAPTER

10

Management

This section aims to help Administrators manage the users and their appropriate privileges.

As part of WireFilter System Administrator role, you manage and track the users and settings. The following sub-sections describe how you add or remove users and their respective privileges.

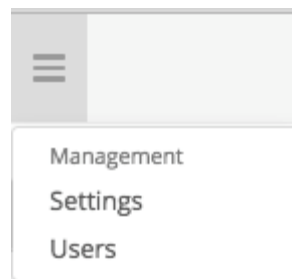



Figure 10-1: Management

10.1 Settings

Settings provide you the ability to add subnets that allow you to separate statistics based on the subnets.



The screenshot shows a web interface for managing subnets. At the top, there is a header bar with a menu icon on the left and a user profile 'ysihanifi' on the right. Below the header, there is a form with a 'Reporter' label and a text input field. To the right of the input field is a blue button labeled 'Add Subnet'. Below the form is a table with the following columns: Name, IP, /CIDR, Edit, and Delete. The table currently contains one row with the text 'No Subnets.'

Name	IP	/CIDR	Edit	Delete
No Subnets.				

Figure 10-2: Settings

You can click **Add Subnet** button to create a new subnet.

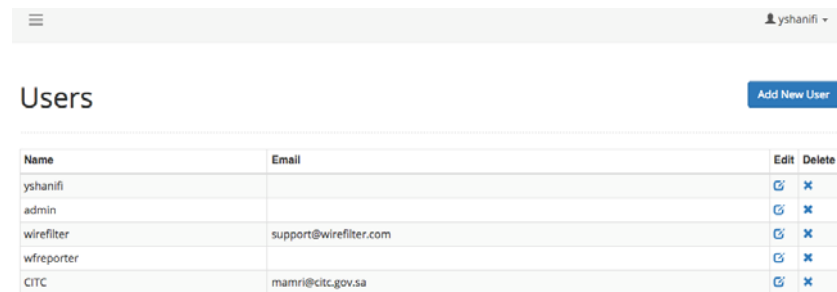
Note: You can select a specific subnet in the list and click either edit or delete options to modify the subnet details or delete the subnet respectively.

10.2 Users

Users screen allow you to create and delete user credentials for the WireFilter Reporter.

You can click **Add New User** button to create a new user for Wire-Filter Reporter.

Note: You can select a specific user in the list and click either edit or delete options to modify the user details or delete the user respectively.



Name	Email	Edit	Delete
yshanifi			
admin			
wirefilter	support@wirefilter.com		
wfreporter			
CITC	mamri@citc.gov.sa		

Figure 10-3: Users

