



Customization and Tailoring



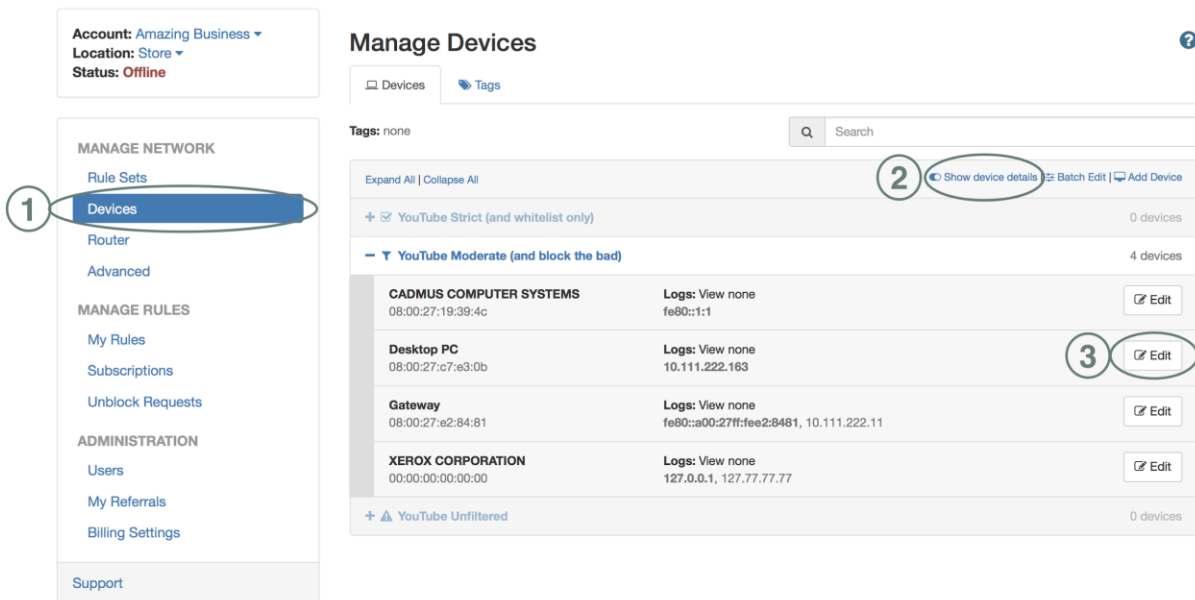
GATEWAY.MANAGEMENT



Introduction

One of the strengths of this software stack is the extent to which it can be customized. The more highly it is customized, the higher the price becomes for an adversary to compromise security and privacy. This step is essential also for compatibility in an Active Directory (AD) environment, especially if you've chosen the better practice of pointing endpoint devices' DNS server(s) to this software stack rather than the default of using AD servers.

Renaming device(s)



Account: Amazing Business ▾
Location: Store ▾
Status: Offline

MANAGE NETWORK

- Rule Sets
- Devices** (1)
- Router
- Advanced

MANAGE RULES

- My Rules
- Subscriptions
- Unblock Requests

ADMINISTRATION

- Users
- My Referrals
- Billing Settings

Support

Manage Devices

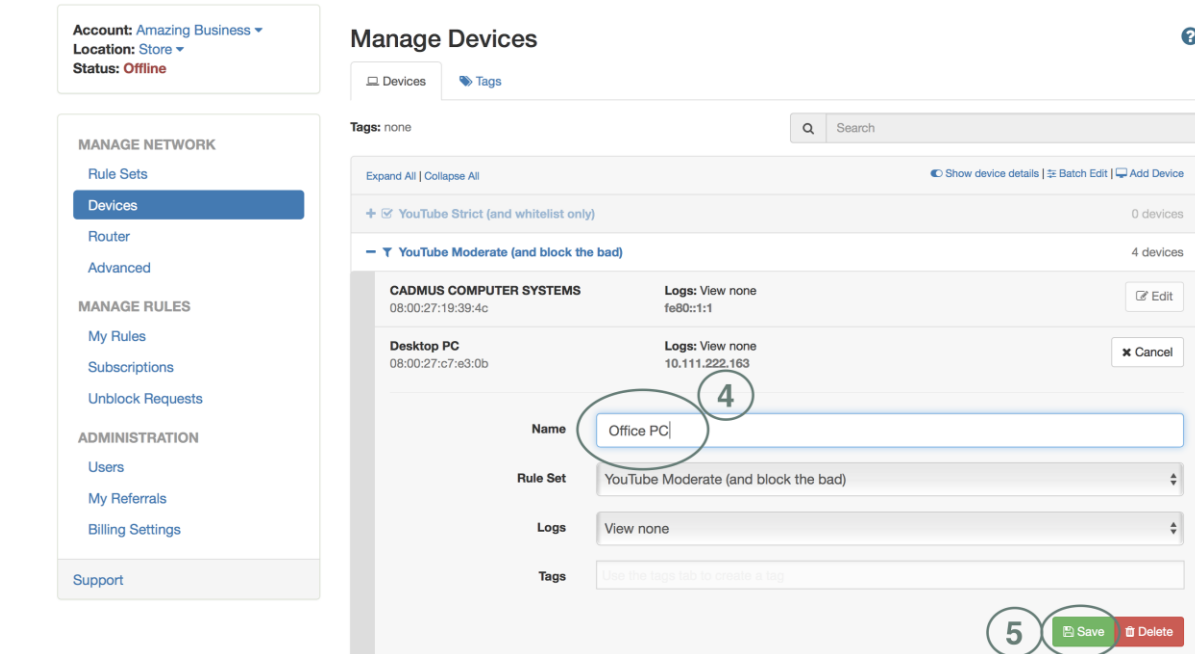
Devices Tags

Tags: none

Expand All | Collapse All

2 Show device details | Batch Edit | Add Device

- + YouTube Strict (and whitelist only) 0 devices
- YouTube Moderate (and block the bad) 4 devices
 - CADMUS COMPUTER SYSTEMS** 08:00:27:19:39:4c Logs: View none fe80::1:1 Edit
 - Desktop PC** 08:00:27:c7:e3:0b Logs: View none 10.111.222.163 (3) Edit
 - Gateway** 08:00:27:e2:84:81 Logs: View none fe80::a00:27ff:fee2:8481, 10.111.222.11 Edit
 - XEROX CORPORATION** 00:00:00:00:00:00 Logs: View none 127.0.0.1, 127.77.77.77 Edit
- + YouTube Unfiltered 0 devices



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- YouTube Moderate (and block the bad) 4 devices
 - CADMUS COMPUTER SYSTEMS** 08:00:27:19:39:4c Logs: View none fe80::1:1 Edit
 - Desktop PC** 08:00:27:c7:e3:0b Logs: View none 10.111.222.163 Cancel

Name: Office PC (4)

Rule Set: YouTube Moderate (and block the bad)

Logs: View none

Tags: Use the tags tab to create a tag

5 Save Delete



From your cloud dashboard follows these steps as shown above:

1. Select Devices
2. Select "Show device details", in order to see MAC address and IP address(es)
3. Select "Edit" beside the device name to edit
4. Change the Name to the new desired name
5. Click on "Save" for the change to take effect

Note on devices named "Alien": when devices are enrolled as "Alien" they represent a MAC address prefix not yet known. This happens for a short time period such as when Apple introduces a new MAC prefix on a new generation of devices. Please report to support if you encounter Alien devices on newly-manufactured devices.

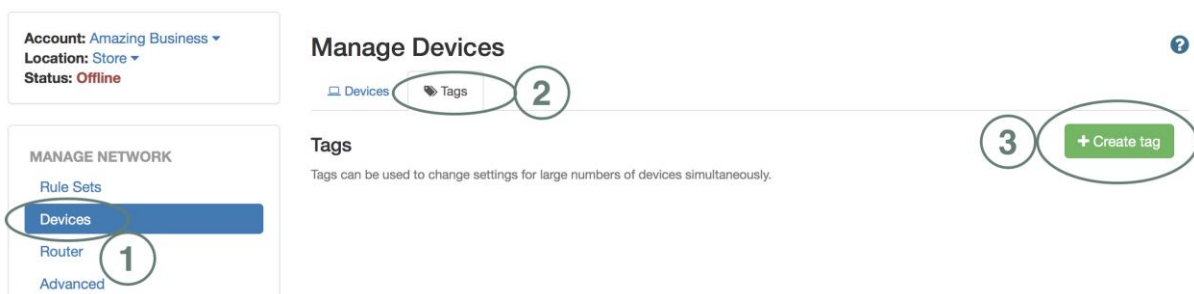
Adding devices manually

In certain circumstances where layer two (2) visibility will not be achievable but an IP address is expected to remain consistent, this feature allows for a device to receive specific rule set treatment. If, however, such a device IP address changes, there is no mechanism to "follow" it to its new IP address.

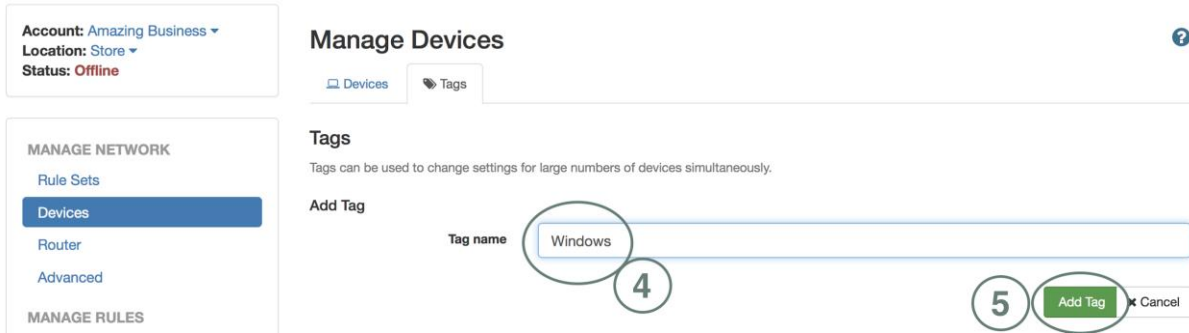
Using Tags

Tags are a tool for managing large networks, making batch edits, etc. Some tags are auto-generated and will continue to help with useful device attributes. To create tags manually, follow these steps:

- A. From your cloud dashboard select Devices (1) then Tags (2), then Create tag (3)

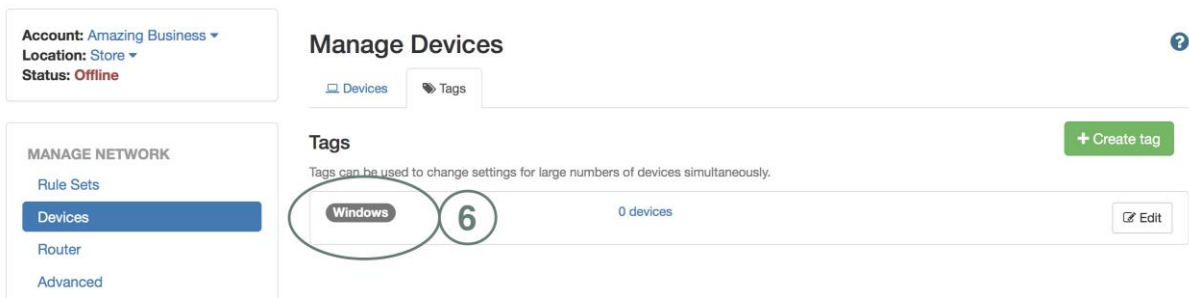


B. Type out your preferred Tag name (4) and then click on Add Tag (5)



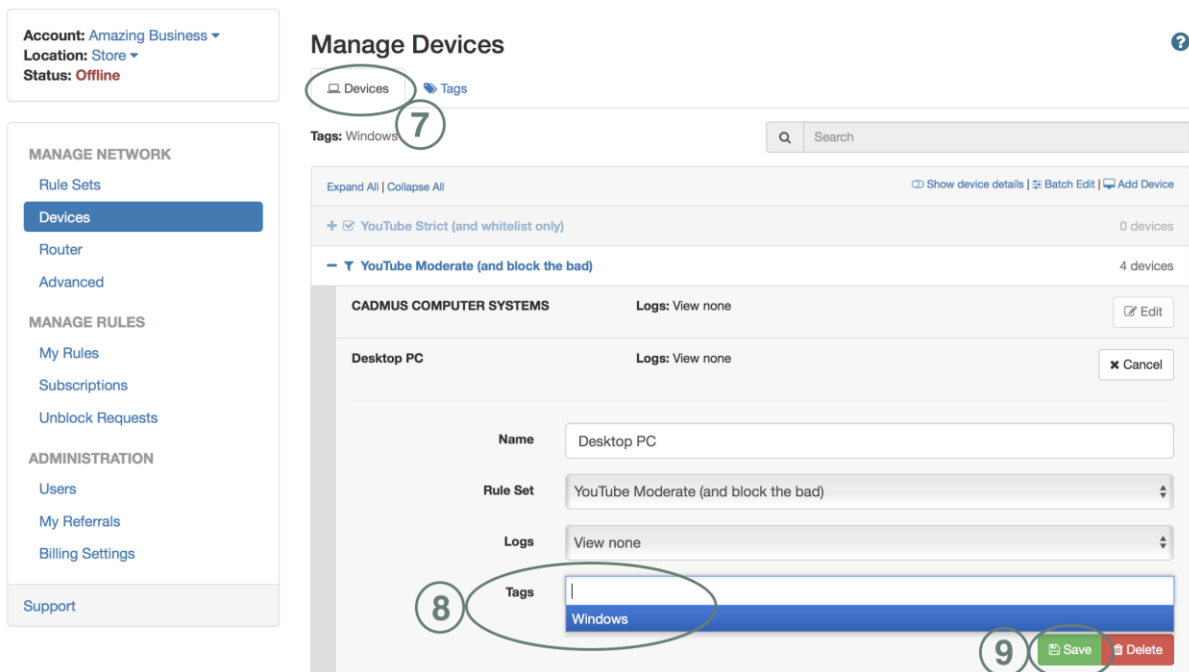
The screenshot shows the 'Manage Devices' interface. On the left, there's a sidebar with 'MANAGE NETWORK' and 'MANAGE RULES' sections. The 'Devices' option is selected. The main content area has a 'Manage Devices' header with 'Devices' and 'Tags' tabs. Below the header, there's a 'Tags' section with a description: 'Tags can be used to change settings for large numbers of devices simultaneously.' Underneath is an 'Add Tag' form with a 'Tag name' input field containing 'Windows' (4) and an 'Add Tag' button (5) next to a 'Cancel' button.

C. Notice the tag(s) now displayed (6) when created



The screenshot shows the 'Manage Devices' interface after a tag has been created. The 'Tags' section now displays a 'Windows' tag (6) and '0 devices'. There is a '+ Create tag' button and an 'Edit' button.

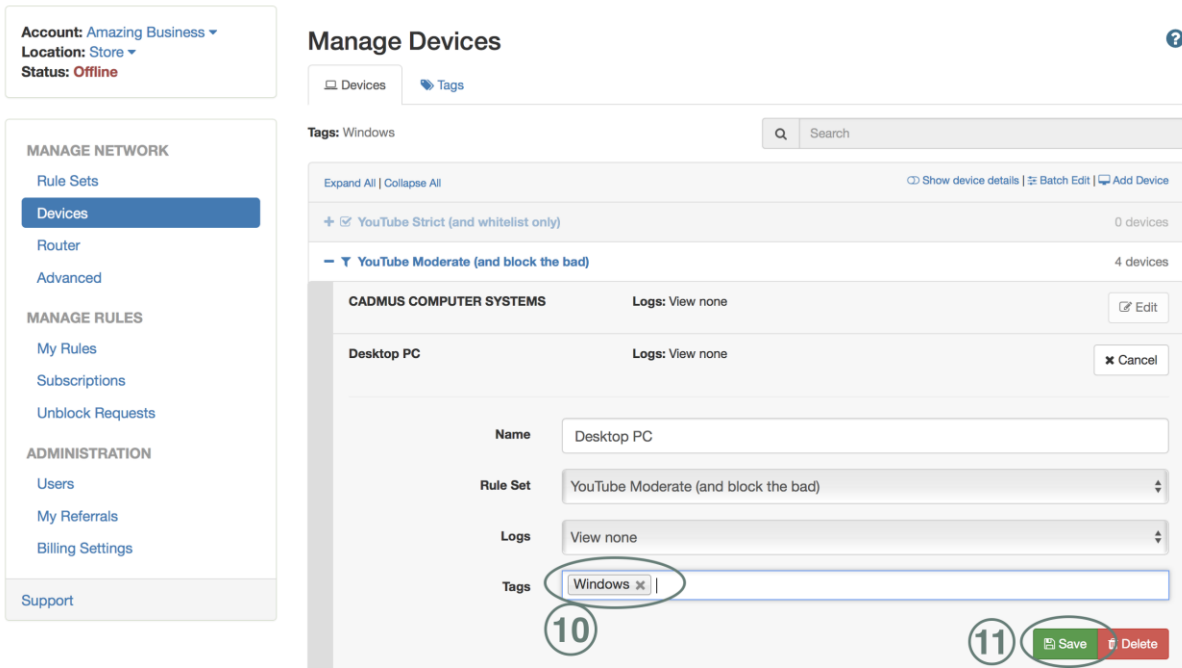
D. To use the tags, navigate back to Devices tab (7) and start typing or select available tag(s) (8) and then select Save (9)



The screenshot shows the 'Manage Devices' interface with the 'Devices' tab selected (7). The 'Tags' dropdown menu is open, showing 'Windows' selected (8). The 'Save' button is highlighted (9). The main content area shows a list of devices with details for 'CADMUS COMPUTER SYSTEMS' and 'Desktop PC'. The 'Desktop PC' device has a 'Tags' field with 'Windows' selected.

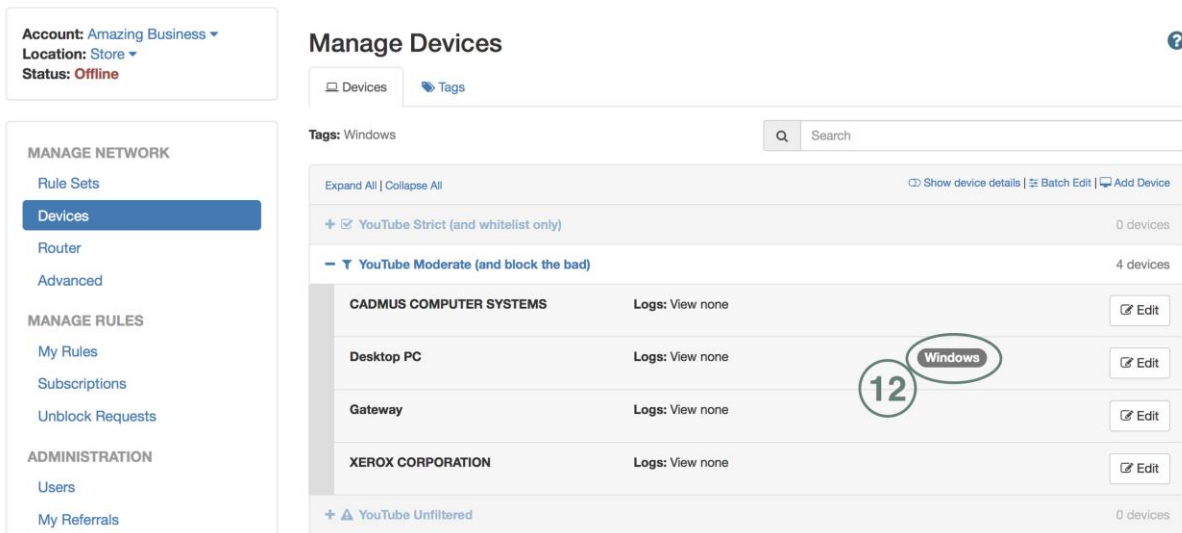


E. Tags autocomplete (10)... add as many as you need and select Save (11)



The screenshot shows the 'Manage Devices' interface. On the left is a navigation sidebar with categories: MANAGE NETWORK (Rule Sets, Devices, Router, Advanced), MANAGE RULES (My Rules, Subscriptions, Unblock Requests), and ADMINISTRATION (Users, My Referrals, Billing Settings, Support). The main content area is titled 'Manage Devices' and has tabs for 'Devices' and 'Tags'. Under the 'Tags' tab, there's a search bar and a list of rule sets. The 'YouTube Moderate (and block the bad)' rule set is expanded, showing a table of devices. A modal form for adding a device is open, with fields for Name (Desktop PC), Rule Set (YouTube Moderate (and block the bad)), Logs (View none), and Tags (Windows). The 'Tags' field is circled with a '10'. At the bottom right of the modal, the 'Save' button is circled with a '11'.

F. Note the use of tags on the Devices page (12)



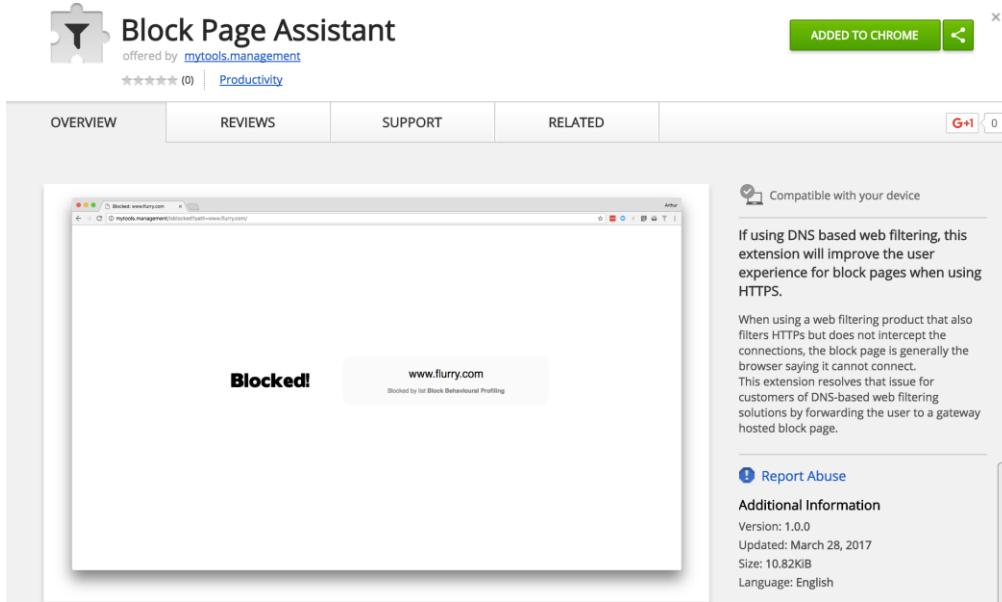
The screenshot shows the 'Manage Devices' interface with the 'Devices' tab selected. The sidebar is the same as in the previous screenshot. The main content area shows a list of devices under the 'YouTube Moderate (and block the bad)' rule set. The devices listed are: CADMUS COMPUTER SYSTEMS, Desktop PC, Gateway, and XEROX CORPORATION. The 'Desktop PC' device is highlighted with a '12' and has a 'Windows' tag next to it.



Browser Extension

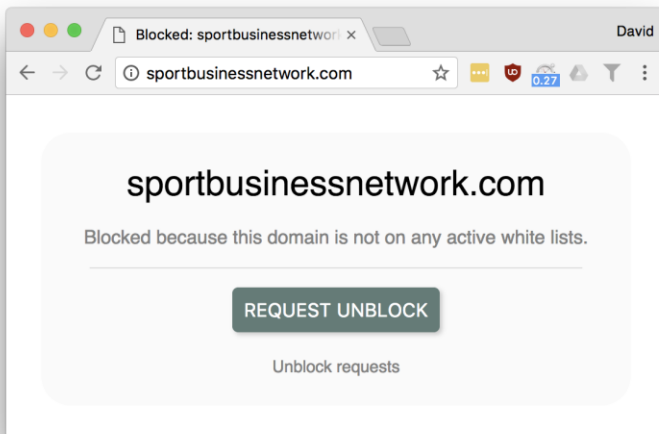
In order for blocked TLS/SSL sites to provide a better end-user experience, consider end-user Chrome Extension deployments of this extension available here:

<https://chrome.google.com/webstore/detail/block-page-assistant/pkimhjnhalcimiegkknndjimmoiedhon>



Unblock requests

For devices treated with a Rule Set based on White lists, every block page presents an opportunity for the end-user to Request Unblock. When clicked, the unblock request is added to the Unblock Requests which appear like this:

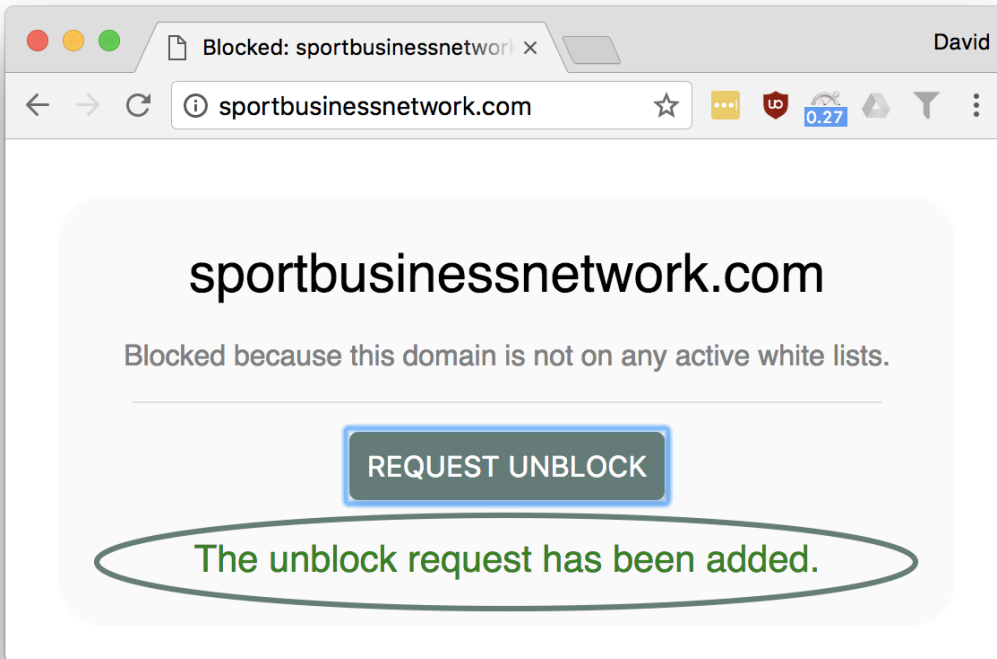


Two modes are available:



Manual Whitelisting

In this case, request managers are notified by email to action an unblock request. The cloud-based controller simultaneously initiates a crawl of requested domain and presents the administrative user with a list of dependencies and associated assessment results, making it easy to decide whether to reject or add the request. Here's how the request appears after unblock request is made:



The email notification will alert the manager with a link to this dashboard page which can be actioned by adding it to a whitelist or rejecting the request:

Action: 1 Open 0 Pending 0 Closed

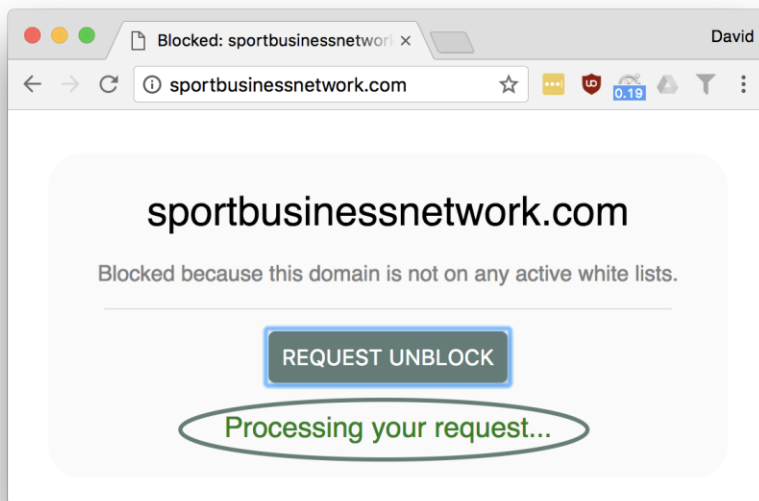
<input type="checkbox"/> Domain	Requesters	Dependencies	Assessment ?
<input type="checkbox"/> sportbusinessnetwork.com	1 user	6 dependencies	? unknown
		<input checked="" type="checkbox"/> www.sportbusinessnetwork.com	✓ auto- www
		<input checked="" type="checkbox"/> static.squarespace.com	✓ safe
		<input checked="" type="checkbox"/> p.typekit.net	✓ safe

Auto-whitelisting

In this case, the same steps occur as above, except when no red flags are found, the domain is automatically approved, provided a white list is created and selected which excludes subdomains. When all of these conditions are met, auto-whitelisting occurs automatically:

- Domain does not have a negative reputation on Google SafeBrowsing
- Domain is categorized as an acceptable category (any of these: Blogs & Personal Sites, Business, Economy & Finance, Education & Self Help, Entertainment, Food & Recipes, Games, Health, Humor, Information Technology, Jobs & Careers, News & Media, Real Estate, Religion, Search Engines & Portals, Shopping, Sports, Streaming Media, Travel, Vehicles, Virtual Reality)
- Domain is not categorized as any of these: Adult Content, Alcohol & Tobacco, Chat & Instant Messaging, Dating & Personals, Drugs, Gambling, Media Sharing, Message Boards & Forums, P2P & Illegal, Social Networking, Weapons
- Domain is of a **known good** reputation in the stack's native threat intelligence

Consider the same example as above, but with auto-whitelisting and note the difference:



Except that instead of the manager receiving an unblock request, the notification is simply that the domain was automatically unblocked, and appears in the Closed tab of the dashboard as shown here, since it met conditions for auto-whitelisting as shown above:

Action: - Select Action - Apply 0 Open 0 Pending **1 Closed**

<input type="checkbox"/> Domain	Requesters	Dependencies	Assessment ?	Response
<input type="checkbox"/> sportbusinessnetwork.com	1 user	View	✓ safe	✓ Accepted

Request Managers

In both manual and automatic mode, request managers can be added for email notification and context-sensitive link to take appropriate action.

Other Documentation

This information is provided in conjunction with other documents and videos as outlined here:

0	Product Overview and Availability
1	Procurement, Introduction and pre-installation
2	Installation and deployment
3	Lists, Rule Sets and Devices
4	Don't Talk To Strangers (DTTS)
5	Customization and Tailoring (this document)

Support

Email for support:

support@gateway.management

Technical Training available at:

<http://support.gateway.management>

