Offered by NSW.net

How to Bypass Messagelabs for IP Authentication

Services:

Libraries that require access to online services (e.g. findmypast, ebscohost.com, etc.) that uses IP authentication and are also configured with Messagelabs Web Security.cloud content filtering service will require additional configuration in on the SonicWALL in order to bypass the Messagelabs proxy server to authenticate to these online services successfully.

To configure the SonicWALL to bypass the Messagelabs proxy, please follow the procedure below.

Only authorised

Configure the SonicWALL to bypass the Messagelabs proxy:

Note: You will need the appropriate login details to the SonicWALL in order to complete this procedure.

1. Login to the SonicWALL Web interface using a web browser. Typically, the URL is composed of the library's Internet IP Address e.g. https://<Internet IP Address>

	 Dashboard System 	System / Status		
f	Status Licenses Administration Certificates	Please click here for more information on the new SonicWALL Log messages cannot be sent because you have not specified		
	Time Schedules Settinas	System Information Model:	NSA 2400	
	Packet Monitor Diagnostics Restart	Product Code: Serial Number: Authentication Code:	5805 LUMH-4ZDJ	
	Network	Firmware Version:	SonicOS Enhanced 5.8.1.14-680	

2. Click on Network.

3. Select Address Objects from the sub-menu under Network.

4. Select Address Objects from the sub-menu under Network.

5. Click on the radio button for **Custom Address Objects**

AL Network Interfaces Failover & LB Zones DNS Address Objects	Address Groups			
	View Style: O All Address Objects Ocustom Address Objects. O Default Address Objects			
	Add Group Delete			
Services	□ > # Name			
Routing	□ ► 1 Hitech Support			
ARP	□ ► 2 ManlyNetwork			
MAC-IP Anti-spoof	□ ► 3 VPN_Subnets			
DHCP Server	GMS Addresses			
Web Proxy	□ ► 5 non-proxy			

6. After clicking on **Custom Address Objects**, you will find an entry for an Address Group called *non-proxy*.

Note: Instead of **'non-proxy'**, some SonicWALL may refer to the proxy-bypass list using a different name such as:

- Messagelabs Proxy bypass,
- proxy bypass,
- non-proxy sites.

This Address Group contains all the sites that requires IP authentication and therefore bypasses the Messagelabs proxy server. Clicking on the expand icon will list all the current websites that bypasses the Messagelabs proxy service.

To configure an additional site to this address group, continue with the following instructions.

WARNING: Proceeding with the following changes could allow access to explicit and unwanted websites. Please take care when making the following changes. For assistance, email Hitech Support on support@hitechsupport.com.au.

Create the Address Object for the website

	🔻 😾 System	
 Click on System > 	Status	Accept Cancel Refresh
Diagnostics. Then select	Licenses	
DNS Name Lookup on the	Administration	Tech Support Report
drop down list of	Certificates	
Diagnostic Tool	Time	
Blaghostic Tool.	Schedules	
	Settings	Download Report Send Diagnostic Reports to Support
E Enter the demain name	Packet Monitor	
5. Enter the domain name	Diagnostics	✓ Enable Periodic Secure Backup of Diagnostic Reports to Support
for the online service that	Restart	Time Interval (minutes) 1440
you are trying to access	Network	Include raw flow table data entries when cending diagnostic report
into the Lookup name or	SonicPoint	include raw now case data entries when sending dragnostic report
IP field. In the example on	▶ 🧊 Firewall	Disquestis Taals
the following screenshot,	Firewall Settings	Diagnostic roots
we are checking	▶ 🔯 DPI-SSL	Diagnostic Tool:
www.findmvpast.co.uk.	VoIP	DNS Name Lookup
<u></u>	Anti-Spam	· · · · · · · · · · · · · · · · · · ·
Once the domain is	► 🙆 VPN	DNS Server 1: 61.8.0.113
entered, press the Go	SSL VPN	DNS Server 2: 210.23.129.34
button.	Virtual Assist	Lockup name or IP: www.findmunast.co.uk
	🕨 🤐 Users	
	🕨 📰 High Availability	Result
	Security Services	Domain Name: www.findmwnast.co.uk
	▶ 📄 WAN Acceleration	DNS Server Used: 61.8.0.113
	AppFlow	Resolved Address: 194.247.74.21

6. This will result in the **Resolved Address**. Take note of the **Resolved Address**. In the example, the Resolved Address is *194.247.74.21*.

7. Now, go back to **Network > Address Object.** Click on the radio button for **Custom Address Objects**

Failover & LB Zones	Address Groups View Style: O All Address Objects O Custom Address Objects O Default Address Objects
DNS Address Objects	Add Group Delete
Services	□ ► # Name
Routing	□ ► 1 Hitech Support
ARP	□ ▶ 2 ManlyNetwork
MAC-IP Anti-spoof	VPN_Subnets
DHCP Server	GMS Addresses
Web Proxy	□ ► 5 non-proxy

8. Under Address Objects, click on Add.

- 💆	Network		0			O
	Interfaces	View Style:		Address Objects	 Custom Address Objects 	○ Default Address Objects
	Failover & LB	Add G	Group	Delete		
	Zones					
	DNS		#	Name		
	Address Objects		1	Hitech Support		
	Services		2	ManlyNetwork		
	Routing NAT Policies ARP		3	VPN_Subnets		
			4	GMS Addresses		
	MAC-IP Anti-spoof DHCP Server		5	non-proxy		
	IP Helper		6	FW Subnets		
	Web Proxy		7	Wireless Client	5	
	Dynamic DNS Network Monitor	Add G	Sroup	Delete		
۵	SonicPoint					
- 🏫	Firewall					
	Access Rules	Address (bjects			
	App Rules					
	App Control Advanced					
	Match Objects	Ad	id	Delete	Refresh	Purge
	Action Objects			Name		
	Address Objects			THUR INC.		

9. On the pop-up window, create the entry for the website that requires IP authentication by entering the following details. In our example, <u>www.findmypast.co.uk</u> requires IP authentication.

Zone Assignment:	WAN N
Гуре:	Host
(P Address:	194.247.74.21

Name: <u>www.findmypast.co.uk</u> Zone Assignment: WAN

Type: Host

IP Address: 194.247.74.21 (This would be the Resolved Address from the test performed in Step 6)

In some cases, the vendor would provide the details of their network which may encompass a whole network instead of just a single IP. In which case, instead of setting the **Type** to *Host*, you may need to set it to *Network*. Please contact to Hitech Support if unsure.

Note: If you do not see a pop-up window, please check your web browser to ensure that pop-ups are not blocked for the SonicWALL firewall.

Add the Address Object for the website into the Proxy bypass list

10. Under Address Group Name then c config locate the '**n** Addres

s, look for the	Interfaces	Address Groups		
'non-proxv'	Failover & LB			
lick on the	Zones	View Style: O All Address Objects Ocustom Address Objects Objects Objects		
	DNS	Add Group Dalata		
ure 뽇 button	Address Objects	Aud Group		
d to the right of	Services	■ ► # Name		
	Routing NAT Policies ARP MAC-IP Anti-spoof	□ ► 1 Hitech Support		
on-proxy		□ ► 2 ManlyNetwork		
ss Object.				
		□ ► 3 VPN_Subnets		
	DHCP Server	GMS Addresses		
	IP Helper Web Proxy	□ ► 5 <mark>non-proxy</mark>		

🦉 🗶 💋 L ▶ 5 non-proxy Group

Note: Instead of '**non-proxy'**, some SonicWALL may refer to the proxy-bypass list using a different name such as:

- Messagelabs Proxy bypass,
- proxy bypass,
- ٠ non-proxy sites.

This Address Group contains all the sites that requires IP authentication and therefore bypasses the Messagelabs proxy server. Clicking on the expand icon will list all the current websites that bypasses the Messagelabs proxy service.

12. On the pop-up window, select the site that needs to be in the proxy bypass list.

In our example, www.findmypast.co.uk requires IP authentication.

Highlight www.findmypast.co.uk on the list to the left and then press the -> button to add it to the list on the right.

Name:	non-proxy		
WLAN Remot	eAccess Networ ^	125.56.204.0	
WMS AP 1 Pr	ivate	129.35.213.31	
WMS Clients		129.35.248.48	
WMS Controll	er	1/0.225.184.107	
www.findmypa	ast.co.uk	170.225.96.21	
www.findmypa	ast.com	<. 170.225.99.9	
www.findmypa	ast.com.au	172.16.100.0	
X0 IP		2.clarityenglish.com	
X0 Subnet		3.clarityenglish.com	
X1 Default Ga	teway 🗸	ABC Clio	

Once the website is added to the list on the right, Press **OK**.

At this point, accessing the website should now bypass the Messagelabs proxy service and should allow IP authentication. Test and confirm that the website is working as required. Otherwise, please contact Hitech Support for assistance.

13. To confirm that you have configured the website successfully, expand the proxybypass list and confirm that the website is now included in the list.

• 5	non-proxy	
	172.16.100.0	
	go.galegroup.com	
	www. <mark>findmy</mark> past.co.uk	

14. To add more websites to the proxy-bypass list, repeat Steps 4 to 12.