# How to setup static content filtering

Through the HTTP ALG, NetDefendOS can block or permit certain web pages based on configured lists of URLs which called blacklists and whitelists. This type of filtering is also known as Static Content Filtering. The main benefit with Static Content Filtering is that it is an excellent tool to target specific web sites, and make the decision as to whether they should be blocked or allowed.

#### (1) Adding an HTTP ALG in order to filter HTTP traffic.

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DFL-210	ALG with Application La	AV/WCF Iver Gateways (ALGs) are protocol helpers the	at can parse complex protocols, suc	th as HTTP and H.323.	
Objects Address Book	Add 🗸				
ALG with AV/WCF	# -	Name -	Туре	Parameters -	Comments -
Services	1	o smtp-inbound	SMTP ALG		
NAT Pools	2	tp-inbound	FTP ALG	Client in active mode allowed	
Schedules	3	tp-outbound	FTP ALG	Server in passive mode allowed	
Authentication Objects VPN Objects THTP Banner Files Rules Rules	4	tp-passthrough	FTP ALG	Client in active mode allowed, Server in passive mode allowed	
	5	tp-internal	FTP ALG		
	6	6 H323	H.323 ALG		
	7	b http-outbound	HTTP ALG	Strip ActiveX, Strip Java Applets, Strip Scripts	
E Bouting	8	SIP	SIP ALG		
E IDP / IPS	9	http-ALG	HTTP ALG		
User Authentication					Right-click on a row for additional options.

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(2) Click the "URL Filter" tab. Now click "Add" and select "HTTP ALG URL" from the menu. Select "Blacklist" as the "Action". Enter <u>www.google.com.tw/\*</u> in the URL textbox.

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Image: DFL-210     Image		Comments -

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Building Networks for People Building Networks for People DFL-210 DFL-21	Tools   Status   My Maintenance     Iteractive URLs to dray access to complete sites, to file types by extension, or to URLs with certain words in them.     Ceneral   Seereal     Example for allowing/preventing all access to a whole site example com*     * example com*     Note the trailing slash and double variations to allowiprevent access to "example com" as well as "www.example.com" without false positives.     Action:   Blackist     URL:   www.google.com.tw/*     Comments:	& Locout 7 Heb

## (3) Adding an "HTTP ALG service" in order to filter HTTP traffic.

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DFL-210 B- System	Service Service	CeS is are pre-defined or user-defined o	bjects representing variou:	s IP protocols, such as HTTP, f	FTP and Telnet.		
E- Objects	🚽 Add 🚽						
ALG with AV/WCF		Namo -	Type	Daramotors -	ALC Info -	Comments -	
Services	1	HTTP-ALG	TCP	80	http-ALG	connents	
NAT Pools	2	12tp-raw	Group	l2tp-ctl, l2tp-encap		L2TP control and transport,	
Schedules	3	😥 ipsec-esp	IPProto	50		IPsec ESP (encrypted and authenticated)	
Authentication Objects	4	🗑 ipsec-ah	IPProto	51		IPsec AH (authenticated only)	
HTTP Banner Files	5	ipsec-natt	UDP	4500		IPsec NAT-traversal (through udp/4500)	
Rules Interfaces	6	🧭 ipsec-suite	Group	ipsec-natt, ipsec-ah ipsec-esp, ike	ly	The IPsec+IKE suite	
E Routing	7	Smtp-inbound	TCP	25	smtp-inbound	Simple Mail Transfer Protocol via SMTP ALG.	
Generation	8	all_services	IPProto	0-255		All possible IP protocols	
	9	all_tcpudpicmp	Group	all_icmp, all_udp, all	I_tcp	All ICMP, TCP and UDP services	
⊕-(S) Traffic Management	10	all_tcpudp	TCP/UDP	0-65535		All TCP and UDP services	
	11	all_icmp	ICMP	All		All ICMP services	
	12	all_tcp	TCP	0-65535		All TCP services	
	13	👩 all_udp	UDP	0-65535		All UDP services	
	14	o echo	TCP/UDP	7		Echo service	
	15	o chargen	TCP	19		Character generator	
	16	Ssh Ssh	TCP	22		Secure shell	
	17	o ssh-in	TCP	22		Secure shell with SYN flood protection	
	18	telnet	TCP	23		Telnet	-

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DFL-210   CTCPALDP Service is a definition of an TCP or UDP protocol with specific parameters.     Comments:   Comments:	

## (4) Adding an "HTTP-test" IP rule in order to new "HTTP-ALG" service.

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DFL-210 B System	P rules	es are used to filter IP-based	network traffic. In addi	tion, they provide me	ans for address translat	ion as well as Server	Load Balancing.	
Address Book		Manage	8 -11	C	Core Mark	Deet X6	Deat Nat	Constant.
Services	1	8 http-test	NAT.	131 Jan	Q lannet	[3] wan	all-nets	HTTP-ALG
Pools	2	\$ ping_fw	Allow	13 lan	8 lannet	Core	😨 lan_ip	o ping-inbound
NAT Pools	3	alan_to_wan						
Authentication Objects							(j) Ri	ght-click on a row for additional options.
S IP Rules Access Grouing Routing Routing Constant (IP)								
e e e urr / IPS e e ur Authentication e e Traffic Management								



#### Forbidden:

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