



Configuration examples for the D-Link NetDefend Firewall series

DFL-260/860

Scenario: How to configure Web Content Filtering on UTM
firewall

Last update: 2008-03-19

Overview

In this document, the notation *Objects->Address book* means that in the tree on the left side of the screen **Objects** first should be clicked (expanded) and then **Address Book**.

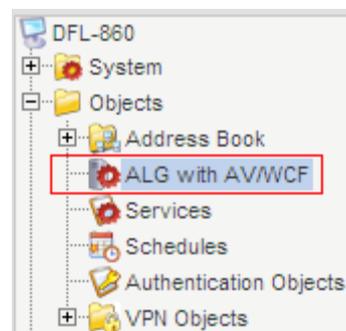
The screenshots in this document is from firmware version 2.12.00. If you are using an earlier version of the firmware, the screenshots may not be identical to what you see on your browser.

To prevent existing settings to interfere with the settings in these guides, reset the firewall to factory defaults before starting.

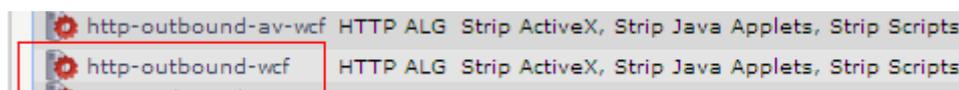
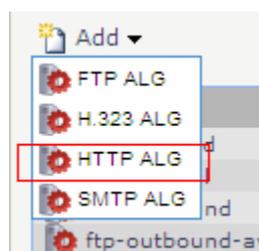
How to configure Web Content Filtering on UTM firewall

This scenario shows how a firewall can control internet web surfing behaviour for network clients.

Step 1: Go to *Objects* ->ALG

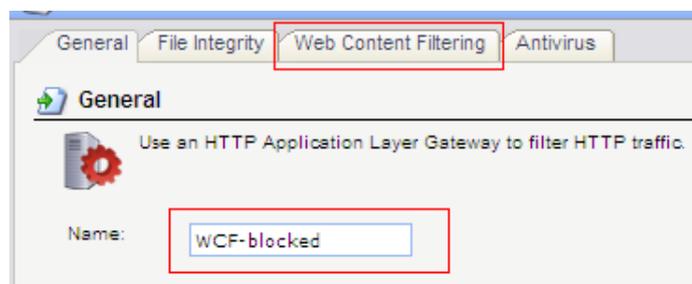


Step 2: Add a new HTTP ALG, depends on which protocol you want to protect. Or edit pre-define rule

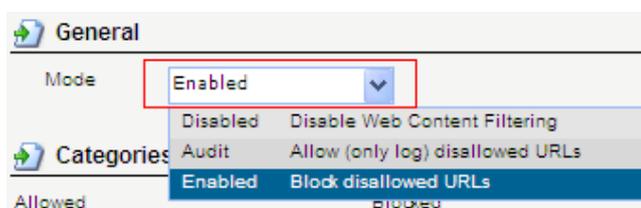


Step 3: Name: *WCF-blocked*

Click tab *Web Content Filtering*

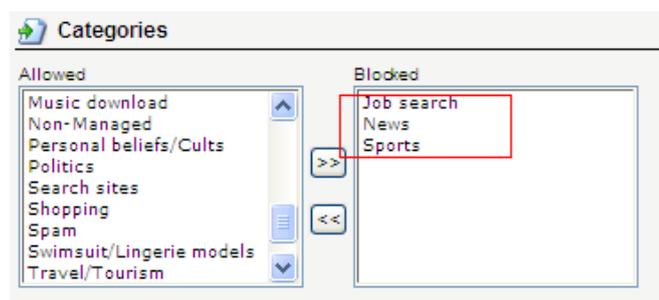


Step 4: Mode: Select *Audit* or *Enabled*

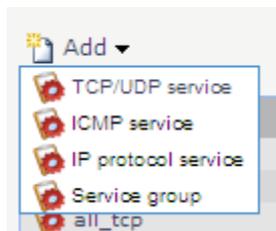


Step 5: Select the groups that you want to block from Allowed list of Categories

Click *OK*

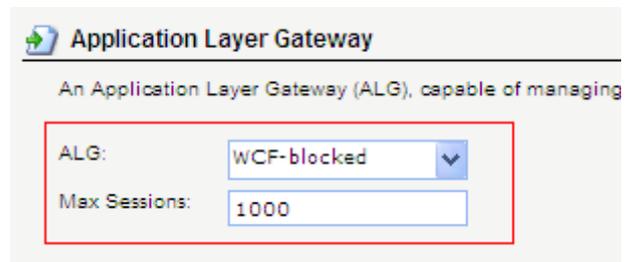


Step 6: Add *TCP/UDP service*
Or edit pre-define *http-outbound-wcf* service



http-outbound-av-wcf	TCP	80
http-outbound-wcf	TCP	80
https	TCP	443

Step 7: Click *Http-outbound-wcf* service
Select *WCF-blocked* ALG



Click *OK*

Step 7: Go to *Rule-> IP Rules*
Add *IP Rule*



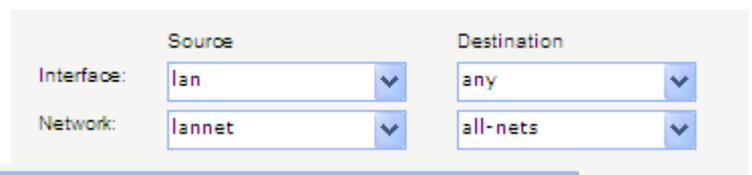
Step 8: In *General* tab

Name: *WCF-Rule*
Action: *Allow*
Service: *http-outbound-wcf*



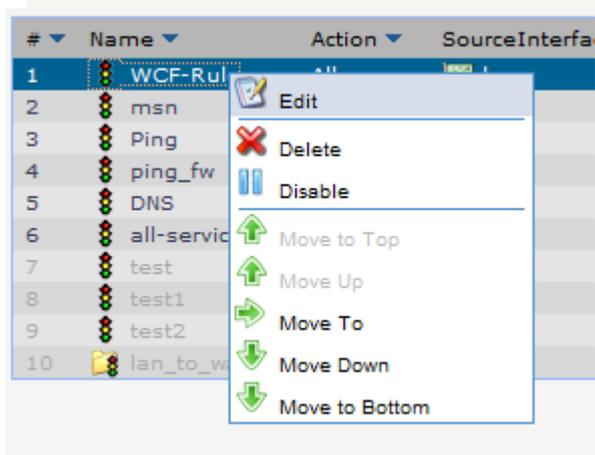
Source Interface: *lan*
Source Network: *lannet*

Destination Interface: *any*
Destination Network: *all-nets*

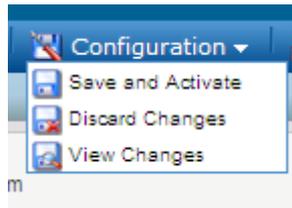


Click *OK*

Step9: Click *Right-Click* on *WCF-Rule* rule
Click *Move to Top*



Step 10: Click *Save and Active*



! Note:

1. If there is a firewall in front of your UTM firewall, the gateway firewall need to open 4499 port for querying URL database, otherwise your UTM firewall cannot connect outside URL database for web content filtering.
2. If you want to block the specific web site or URL, please refer to another How to document How to configure Http ALG for Web Content Filtering.