D-Link®
Building Networks for People

D NETDEFEND

Configuration examples for the D-Link NetDefend Firewall series

DFL-260/860

Scenario: How to configure Web Content Filtering on UTM firewall

Last update: 2007-09-10

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.
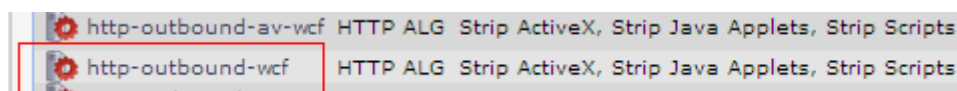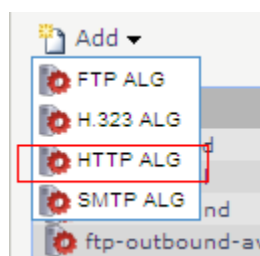
How to configure Web Content Filtering on UTM firewall

This scenario shows how a firewall can control internet web surfing behaviour for network clients.
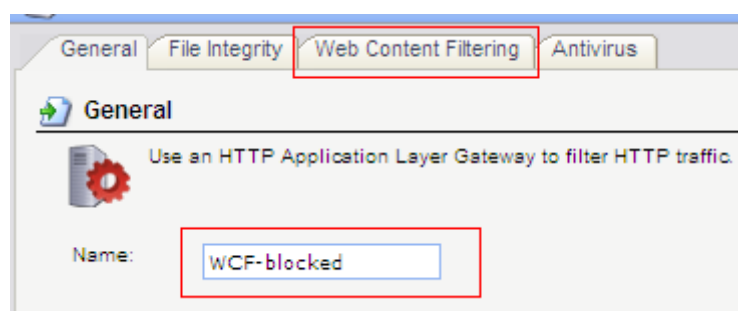
Step 1: Go to *Objects ->ALG*
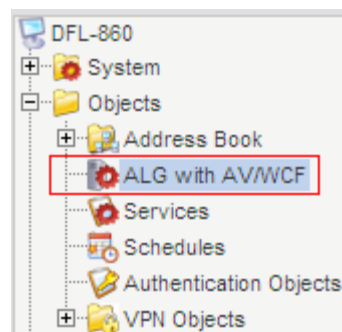
Step 2: Add a new HTTP ALG, depends on which protocol you want to protect. Or edit pre-define rule
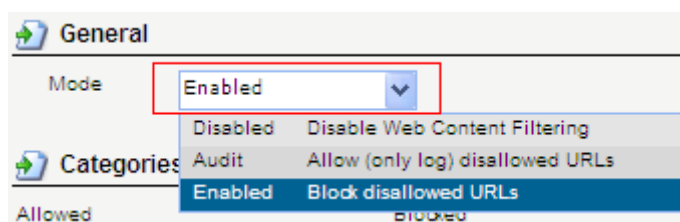
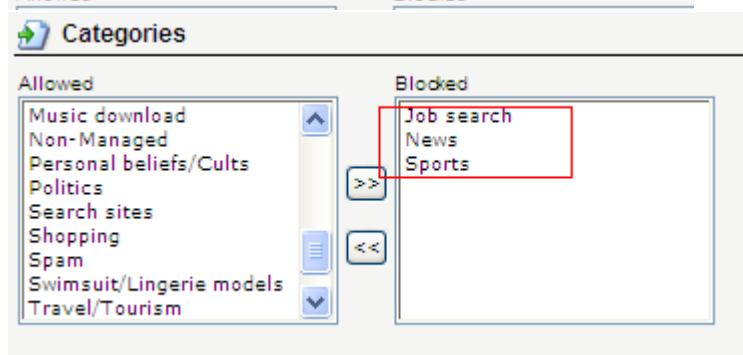

Step 3: Name: *WCF-blocked*

Click tab *Web Content Filtering*

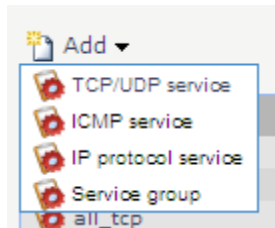

Step 4: Mode: Select *Audit* or *Enabled*

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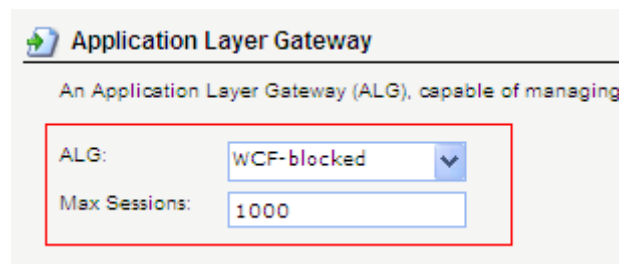
Click *OK*

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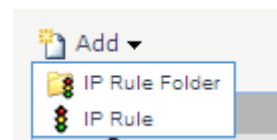   Or edit pre-define *http-outbound-wcf* service

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

Application Layer Gateway

An Application Layer Gateway (ALG), capable of managing

ALG: WCF-blocked

Max Sessions: 1000

Click *OK*

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

Rules
  IP Rules
    lan_to_wan1

Add ▾
  IP Rule Folder
  IP Rule

Step 8: In General tab

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

Name: WCF-Rule
Action: Allow
Service: http-outbound-wcf
Schedule: (None)
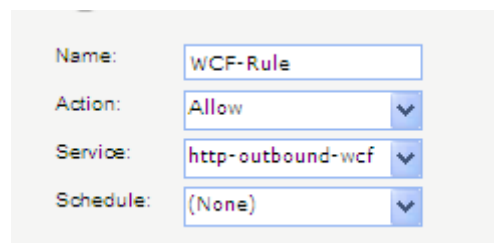
Source Interface: *lan*
Source Network: *lannet*

Destination Interface: *any*

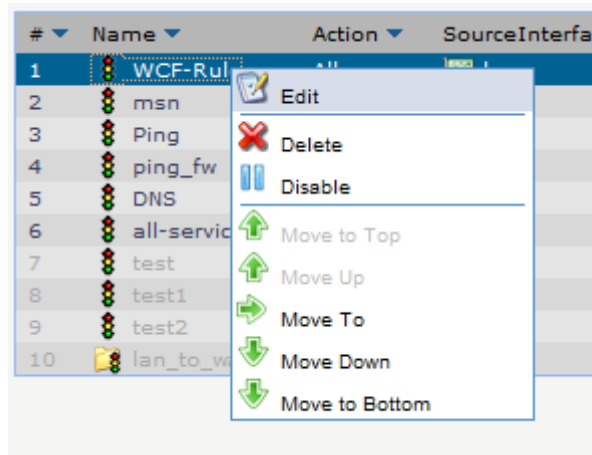|	Source	Destination
Interface:	lan	any
Network:	lannet	all-nets
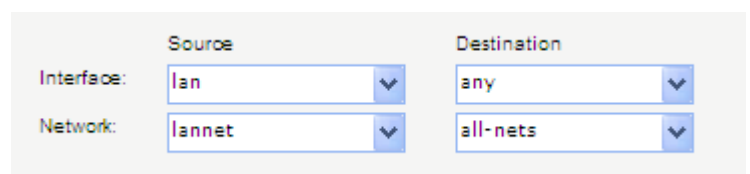
Destination Network: *all-nets*

Click *OK*

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

Step 10: Click *Save and Active*

! Note: 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.