

## Forefront TMG als DirectAccess Server

Forefront TMG kann als DirectAccess Server konfiguriert werden, wenn man kein Forefront UAG verwenden kann / will.

Wie steht hier:

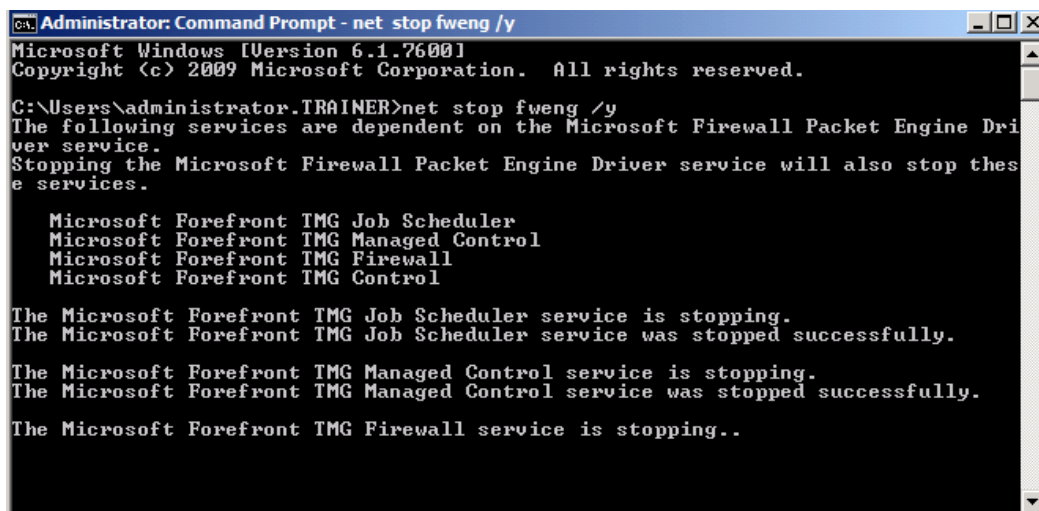
<http://blogs.technet.com/b/isablog/archive/2009/09/23/forefront-tmg-and-windows-7-directaccess.aspx>

Forefront TMG und Ipv6:

<http://technet.microsoft.com/en-us/library/cc487898.aspx>

## Reg Key am TMG Server einspielen

Firewalldienste stoppen (wenn TMG schon installiert ist)



```
Administrator: Command Prompt - net stop fweng /y
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\administrator.TRAINER>net stop fweng /y
The following services are dependent on the Microsoft Firewall Packet Engine Driver service.
Stopping the Microsoft Firewall Packet Engine Driver service will also stop these services.

    Microsoft Forefront TMG Job Scheduler
    Microsoft Forefront TMG Managed Control
    Microsoft Forefront TMG Firewall
    Microsoft Forefront TMG Control

The Microsoft Forefront TMG Job Scheduler service is stopping.
The Microsoft Forefront TMG Job Scheduler service was stopped successfully.

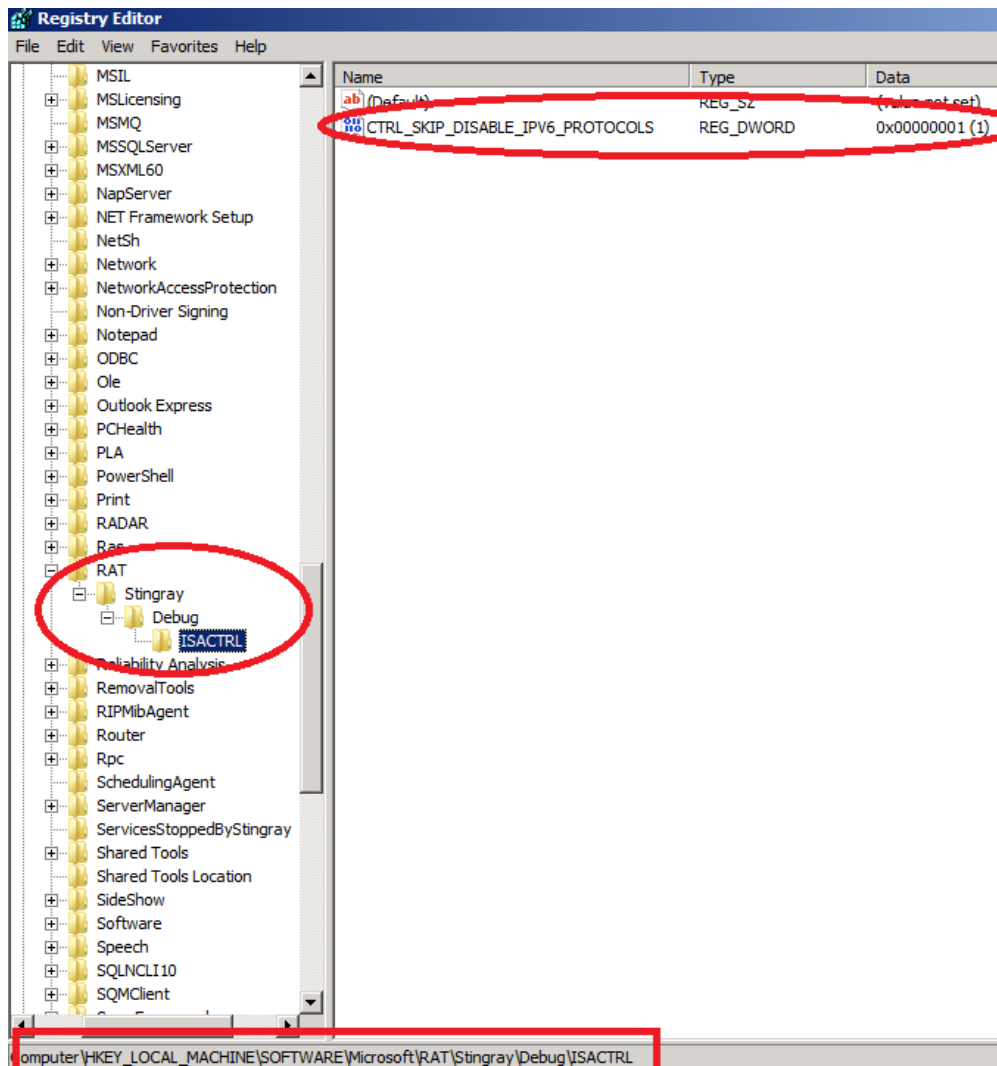
The Microsoft Forefront TMG Managed Control service is stopping.
The Microsoft Forefront TMG Managed Control service was stopped successfully.

The Microsoft Forefront TMG Firewall service is stopping..
```

## Reg Key erstellen

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\RAT\Stingray\Debug\ISACTRL] -
"CTRL_SKIP_DISABLE_IPV6_PROTOCOLS"=dword:00000001
```

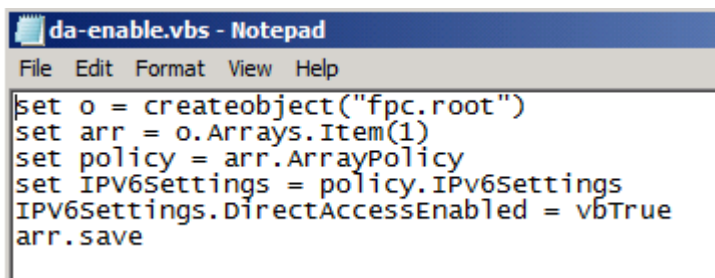
**Achtung:** Lt. Anleitung auf dem ISA Team Blog muss der Eintrag **VOR** der TMG Installation durchgeführt werden. Ich habe diese Anleitung verfasst, als TMG schon installiert war und bei mir hat es auch funktioniert. Das ganze müsste also nochmal von der Community getestet und ggfs. bestätigt oder verneint werden!



TMG einmal durchstarten oder TMG Services neu starten

DirectAccess in TMG aktivieren

```
set o = createobject("fpc.root")
set arr = o.Arrays.Item(1)
set policy = arr.ArrayPolicy
set IPV6Settings = policy.IPv6Settings
IPV6Settings.DirectAccessEnabled = vbTrue
arr.save
```



## Skript ausfuehren

```
Administrator: Command Prompt
C:\temp>cscript da-enable.ubs
Microsoft (R) Windows Script Host Version 5.8
Copyright (C) Microsoft Corporation. All rights reserved.

C:\temp>
```

## TMG Synchronisation abwarten

Microsoft Forefront Threat Management Gateway 2010

Monitoring Forefront TMG (TMG-EN) Enterprise

Alerts Sessions Connectivity Verifiers Services **Configuration**

### Configuration Status

Configuration status monitors the version of the configuration used by the Microsoft Forefront TMG Firewall Service on each array member and compares it to the version in the configuration store.

Server	Status	Last Updated	Description
TMG-EN	Updating	14.11.2010 14:02:43	Server is updating configurati...

Tasks Help

#### Refresh

[Refresh Now](#)

Automatic Refresh Rate:

## Danach gibt es ein paar neue aktivierte Systemrichtlinien

Name	Description	Action	Profile	Scope
48	Direct Access mode: Allow limited set of IPv6 prot...	Allow	Anywhere (IP...)	Local Host
49	Direct Access mode: Allow IPv6 transition technol...	Allow	All Networks (...)	Local Host
50	Direct Access mode: Allow IPv6 transition technol...	Allow	Local Host	All Networks (...)
51	Direct Access mode: Allow IPv6 traffic from Local ...	Allow	Local Host	Anywhere (IP...)

LDAP (edge>sync)

- DHCPv6
- ICMPv6 Echo
- ICMPv6 Listener Done
- ICMPv6 Listener Query
- ICMPv6 Listener Report v2
- ICMPv6 Listener Report
- ICMPv6 Multicast Router Adve...
- ICMPv6 Multicast Router Solici...
- ICMPv6 Multicast Router Termi...
- ICMPv6 Neighbor Advertisement
- ...

- HTTPS
- IPv6 Over IPv4 Tunnel
- Teredo

- IPv6 Over IPv4 Tunnel
- Teredo

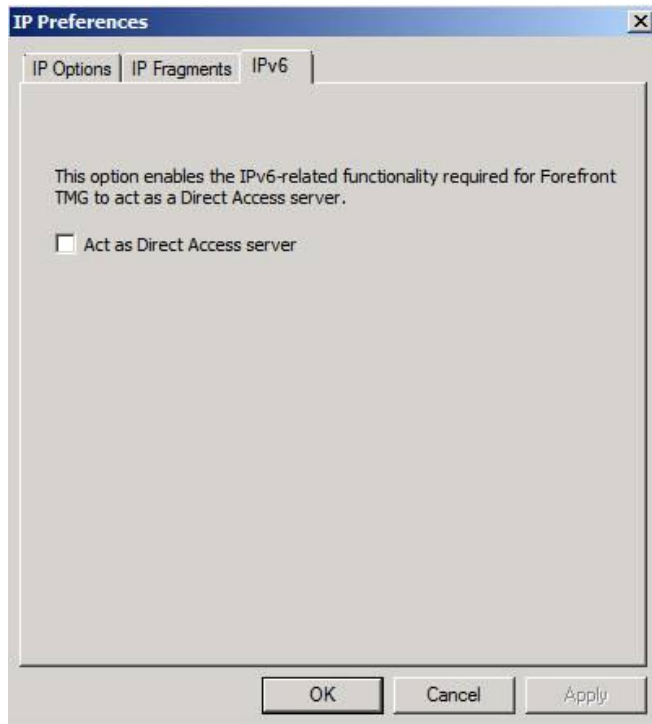
- All Outbound Traffic

## Wo ist der DA Button? ☺

In der Beta & RC gab es noch den DA Button

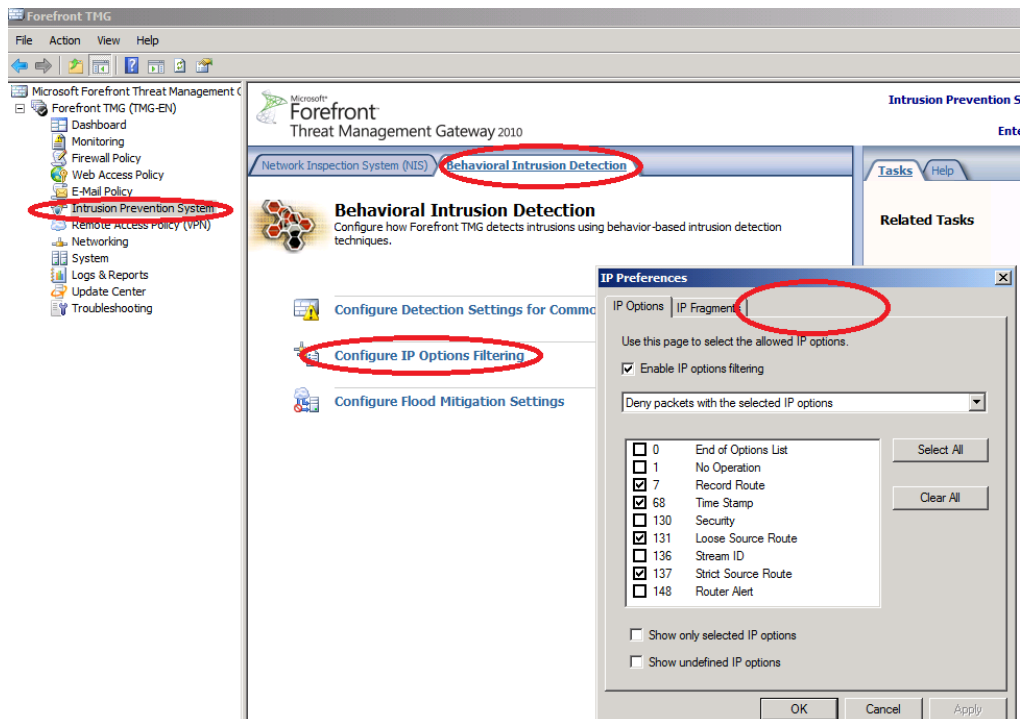
Source:

<http://www.isaserver.org/tutorials/Microsoft-Forefront-TMG-Behavioral-Intrusion-Detection.html>



Seit der RTM aber nicht mehr, also nicht wundern ☺

Fehlender DA Button in der RTM / SP1 / Update 1 Version



Danach kann das DirectAccess Feature ueber den Servermanager von Windows Server 2008 R2 installiert werden und mit der DA Konfiguration begonnen werden. Achtung: Den Forefront TMG Driver vor der Ausfuehrung des DA Assistenten stoppen (NET STOP FWENG).

## Ipv6 Logeintraege ausblenden

Da Forefront TMG nicht wirklich Ipv6 unterstuetzt, kann man(n) das auch ausblenden.

