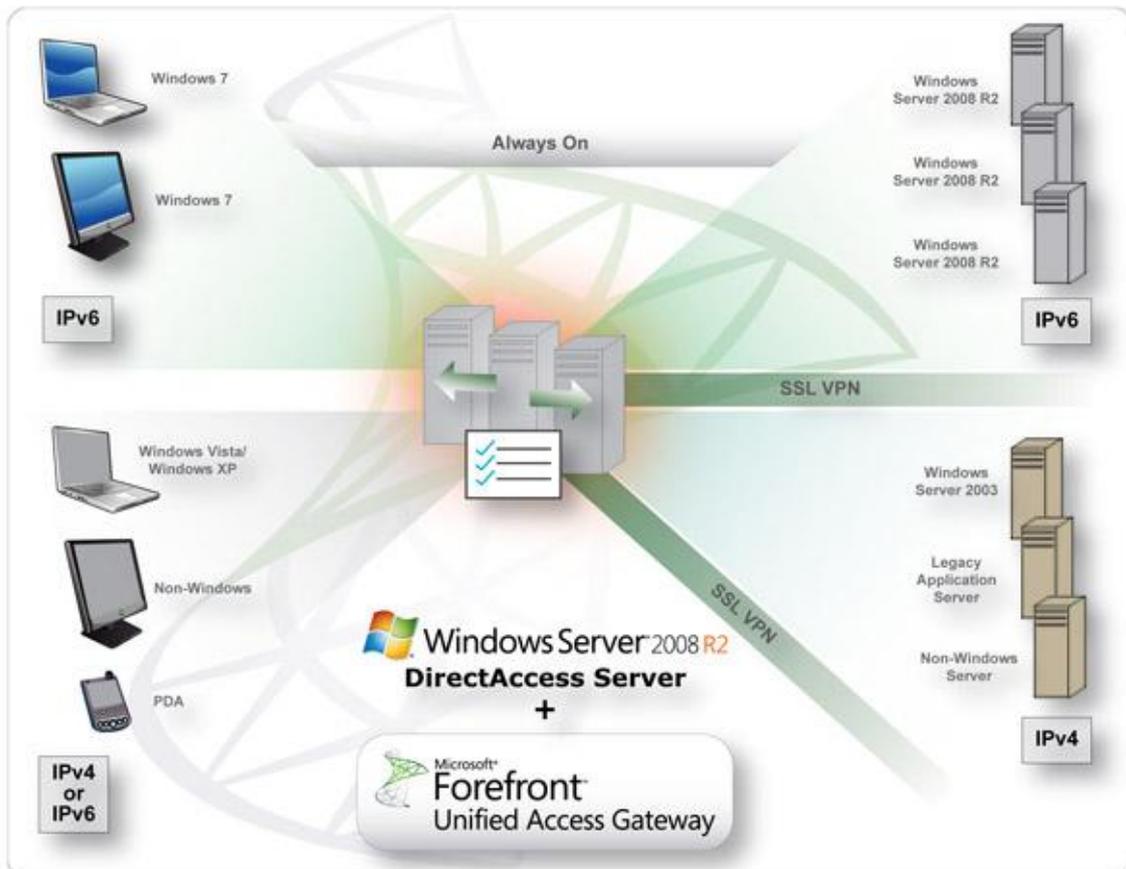


UAG 2010 Beta

Download der Beta:

<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=a3f5729a-3989-4f60-980f-1b87dd198988>

Einsatzgebiet



Quelle: <http://www.microsoft.com/forefront/edgesecurity/iag/en/us/UAG-DirectAccess.aspx>

Systemvoraussetzungen

Forefront Unified Access Gateway Beta System Requirements

Minimum requirements: hardware

Processor	2.66 gigahertz (GHz) or faster processor. Dual core CPU
Memory	8 gigabyte (GB) of RAM or more recommended
Hard drive	30 gigabyte (GB)

Software and deployment requirements

■ Servers

Forefront UAG can be installed on computers running Windows Server 2008 R2 Standard (RC release) or Windows Server 2008 R2 Enterprise (RC release) x64 bit editions.

■ Arrays

If you want to deploy an array of multiple Forefront UAG servers, each server that will join the array must be installed as a domain member before beginning Forefront UAG installation.

■ Network adapters

Forefront UAG must be installed on a computer with at least two network adapters.

■ Other applications

The computer on which you are installing Forefront UAG should have a clean Windows Server 2008 installation, with no other applications installed on it.

■ Default installation

By default, Forefront Threat Management Gateway (TMG) is installed during Forefront UAG Setup. Only the version of Forefront TMG installed during Setup is supported when running Forefront UAG Beta 2.

■ Permissions

When installing Forefront UAG, you must have administrator permissions on the local server. You must also be a domain user in the domain to which the Forefront UAG server belongs.

Dann mal los

Microsoft

Microsoft®
Forefront™
Unified Access Gateway

Before You Start

- Review [hardware](#) and software requirements
- Read the deployment [checklist](#)
- Read the release [notes](#)

Prepare and Install

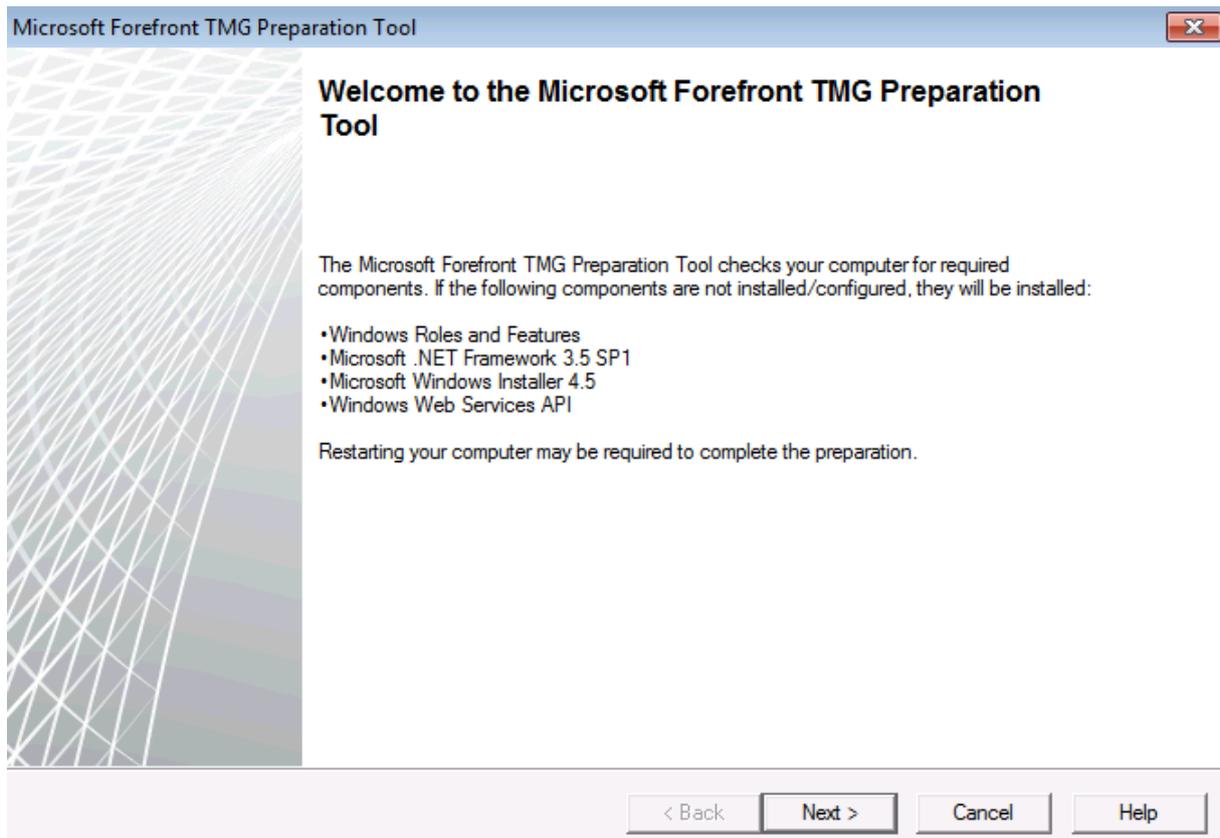
- Run Windows [Update](#)
- Run [preparation Tool](#)
- [Install](#) Forefront UAG

Additional Options

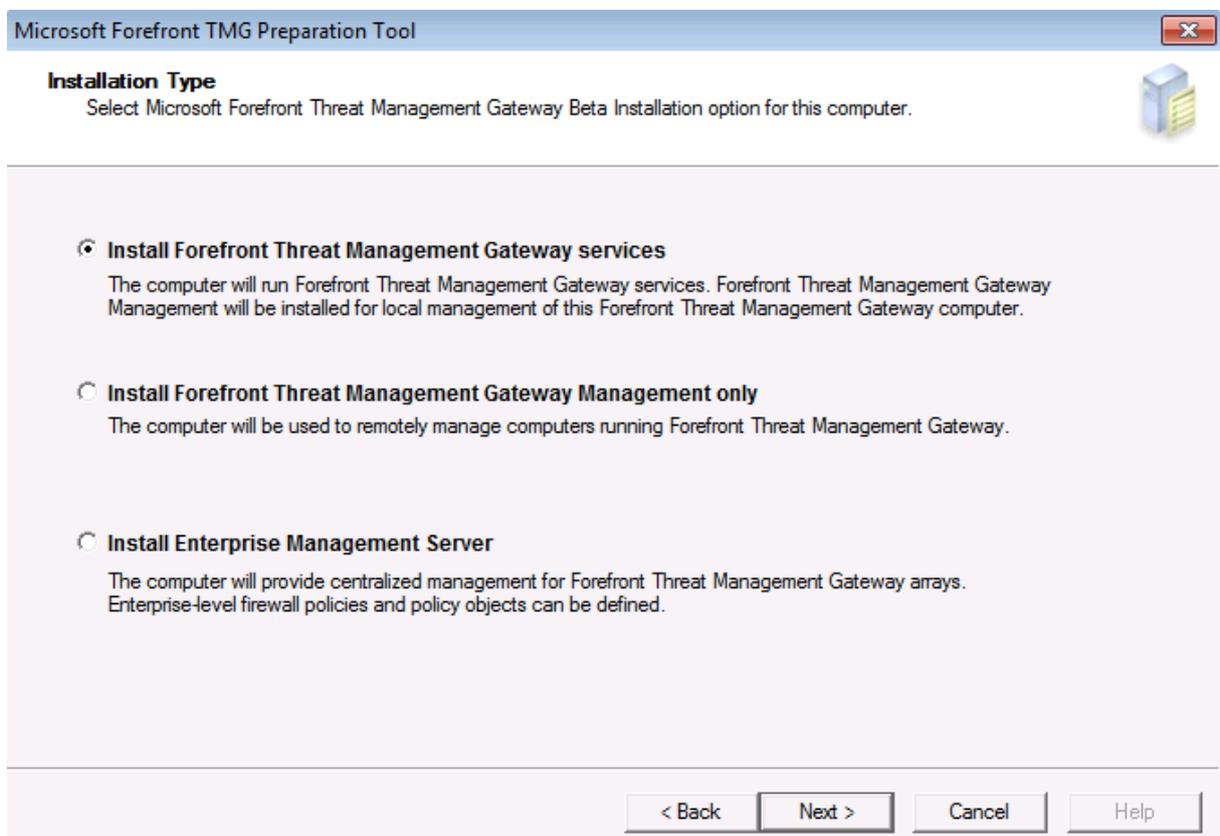
- Visit Forefront UAG [Web](#) site
- Visit Forefront UAG [TechCenter](#)

Exit

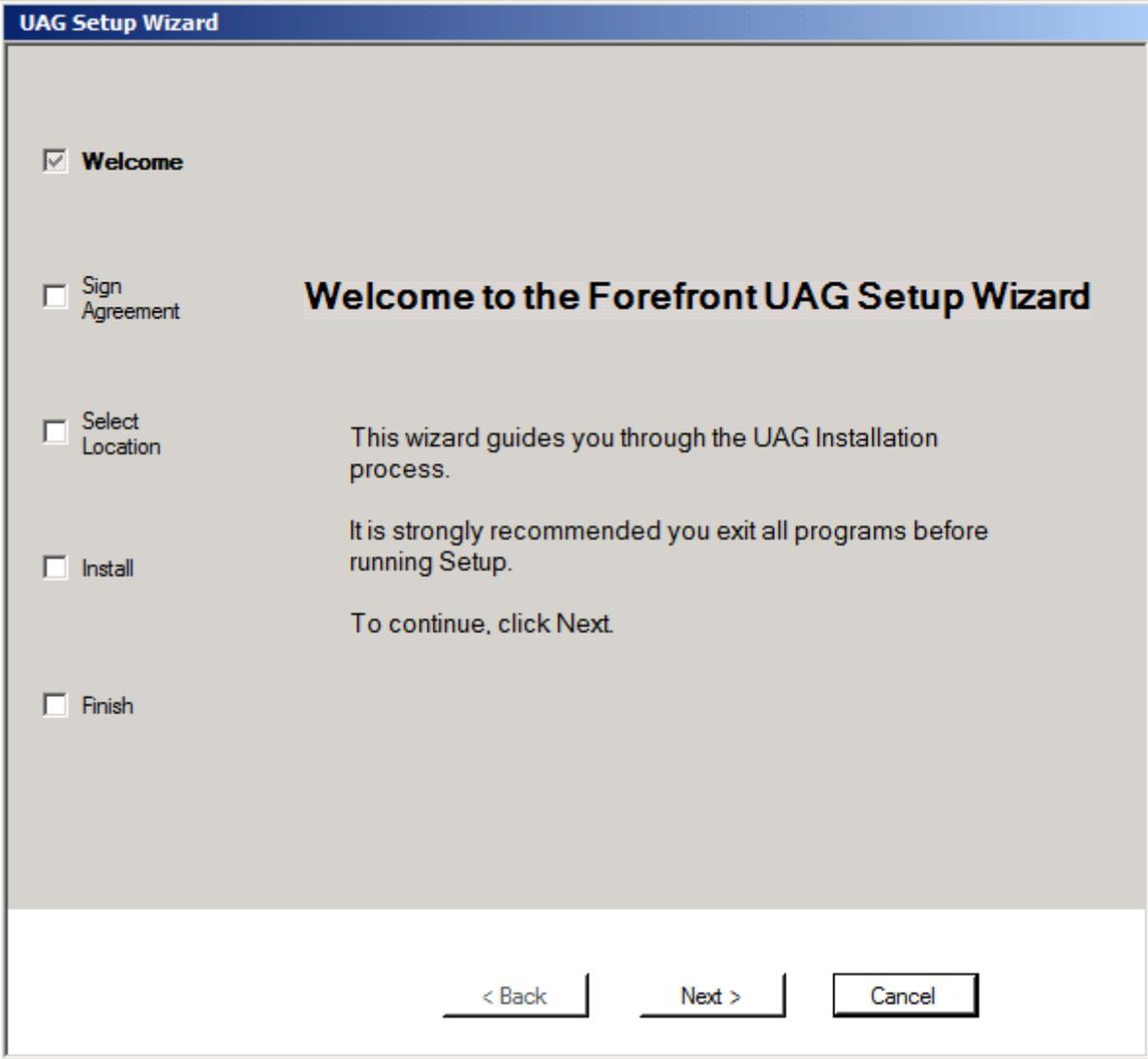
Preparation Tool starten



TMG Beta installieren



UAG Setup



Meister Propper, aeeh AJAX

UAG Setup Wizard

Welcome

Sign Agreement

Select Location

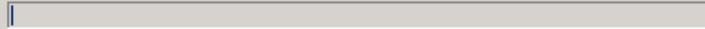
Install

Finish

Installing Forefront UAG

Installing Forefront UAG may take some time. Please wait.

Progress: Installing AJAX...16%

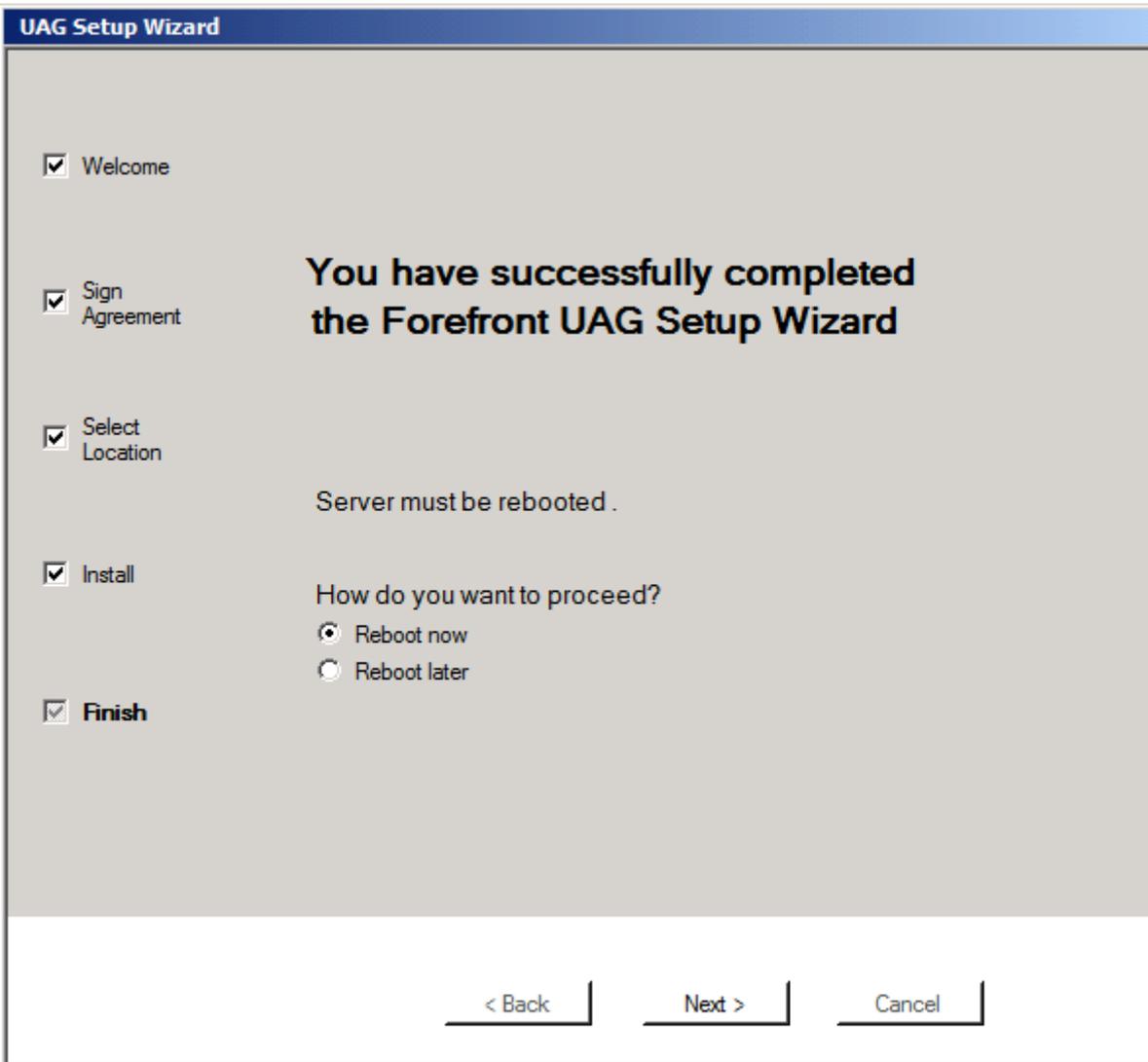


< Back

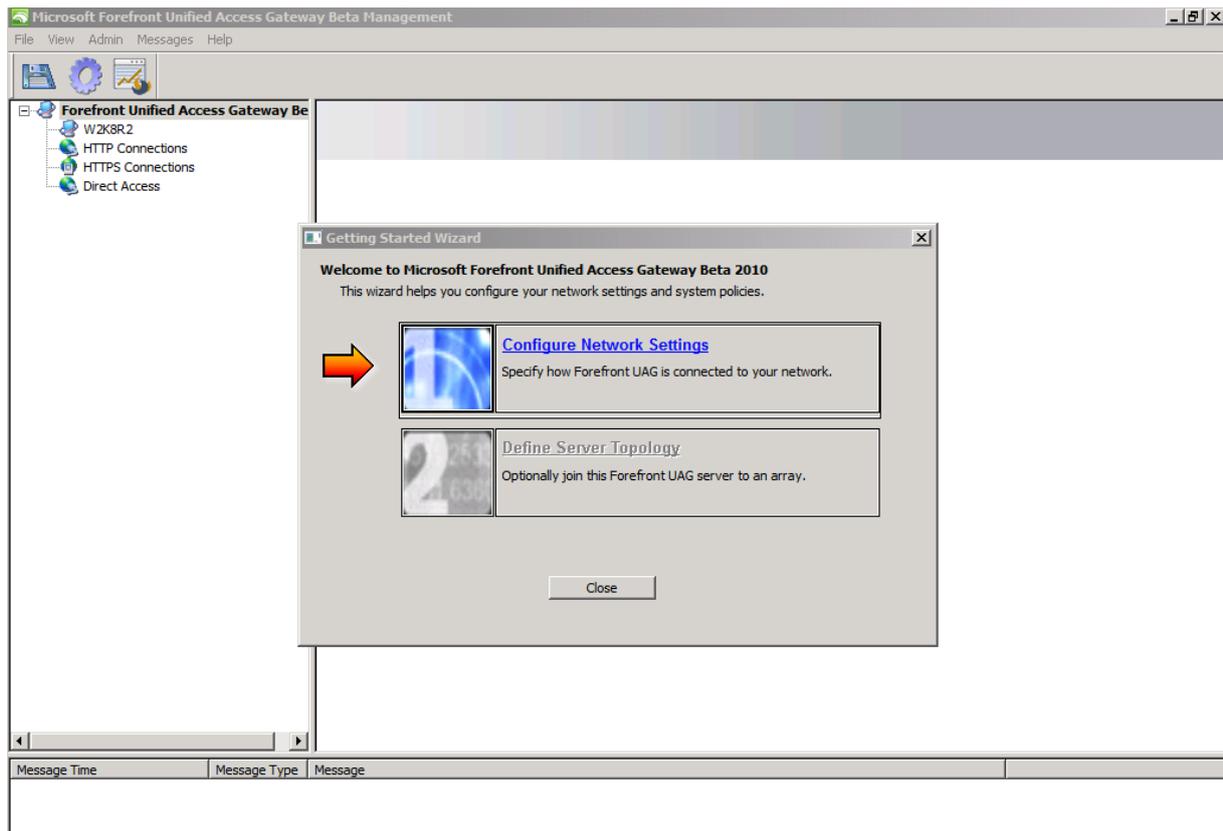
Next >

Cancel

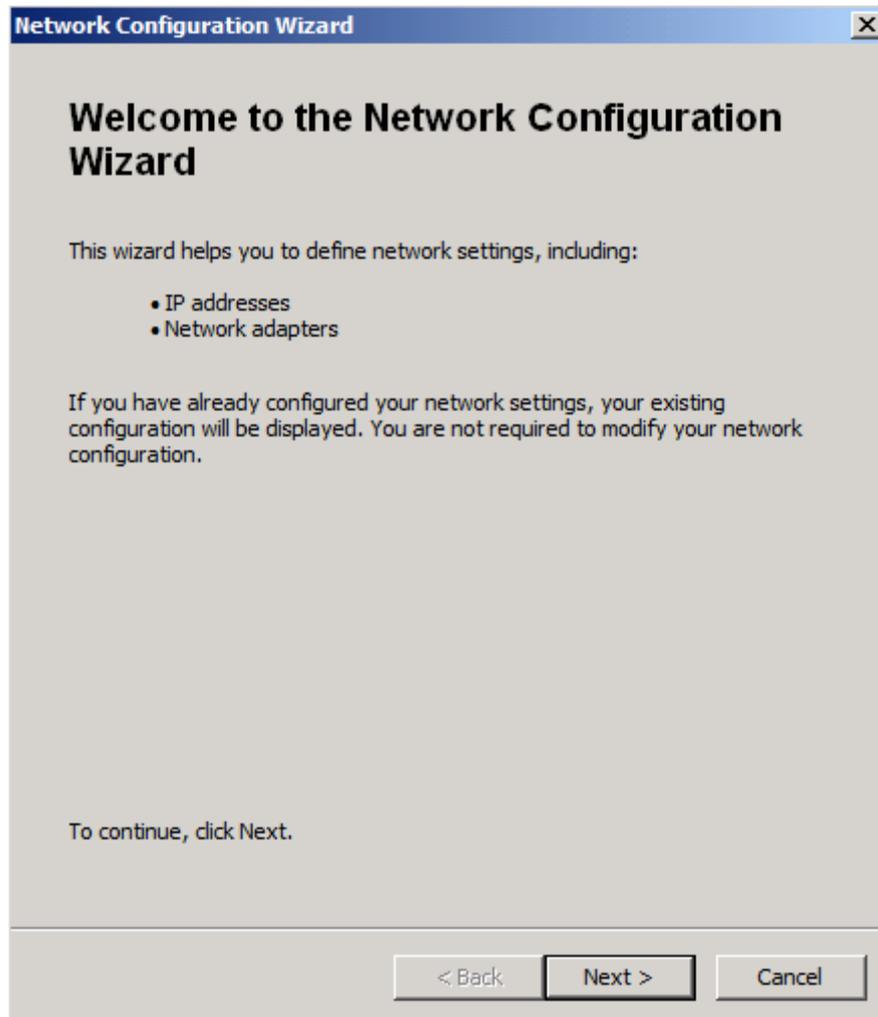
Boot tut gut!



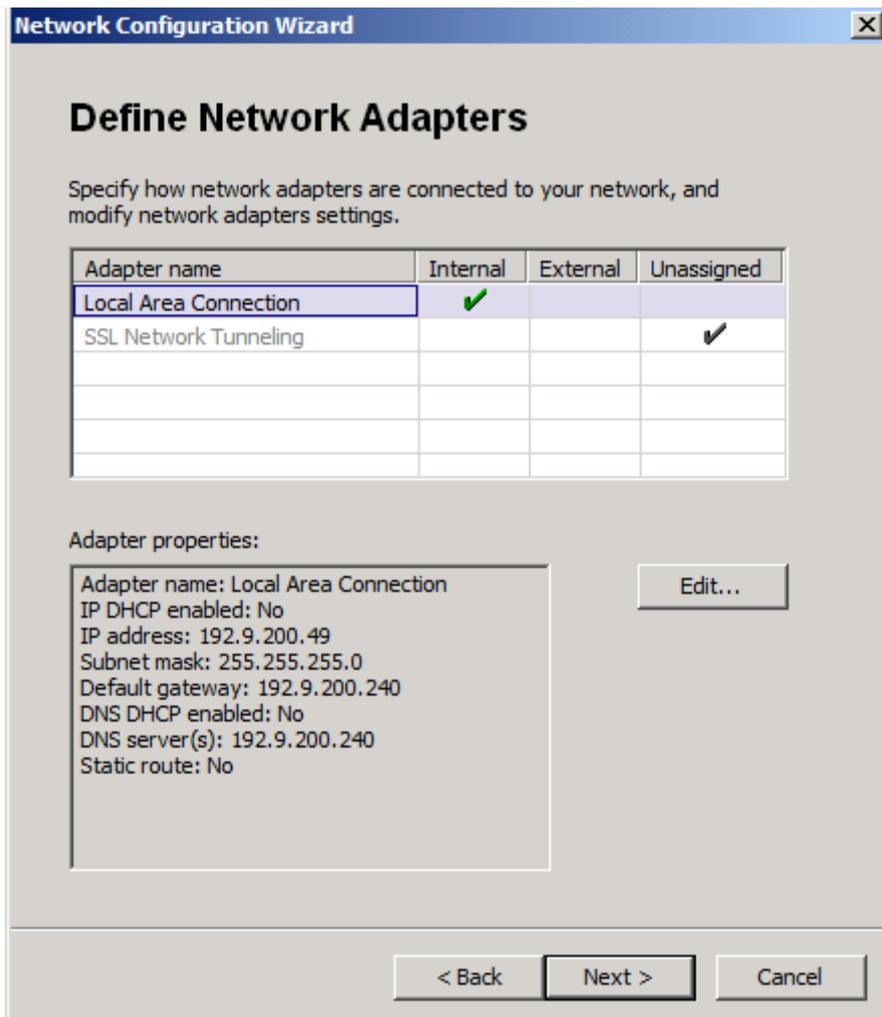
ah, den Wizard kennen wir ja von TMG



So richtig viel laesst sich ja erst mal nicht konfigurieren



Was ist INTERN und EXTERN



Fertig



Completing the Network Configuration Wizard

You have successfully completed the wizard.

The Forefront UAG network will be configured with the following settings:
Description:

Internal network
Adapter name: Local Area Connection
IP DHCP enabled: No
IP address: 192.9.200.49
Subnet mask: 255.255.255.0
Default gateway: 192.9.200.240
DNS DHCP enabled: No
DNS server(s): 192.9.200.240
Static route: No



Note: If you apply these changes while remotely connected to your network, you may lose connectivity to the Forefront UAG server.

To close this wizard, click Finish.

< Back

Finish

Cancel



Welcome to the Server Management Wizard

Forefront UAG supports an array deployment. This feature allows you to manage multiple Forefront UAG servers as a single entity.

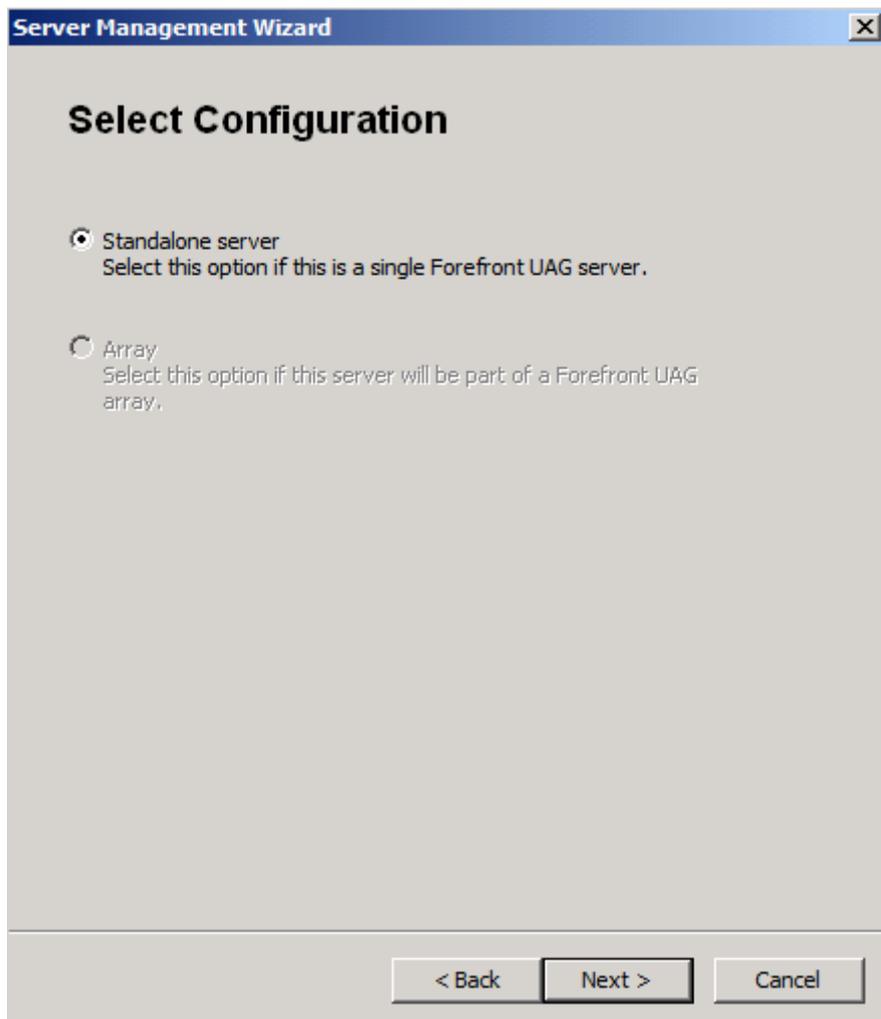
This wizard helps you to create a new array, join an existing array, or to configure Forefront UAG as a standalone server.

To continue, click Next.

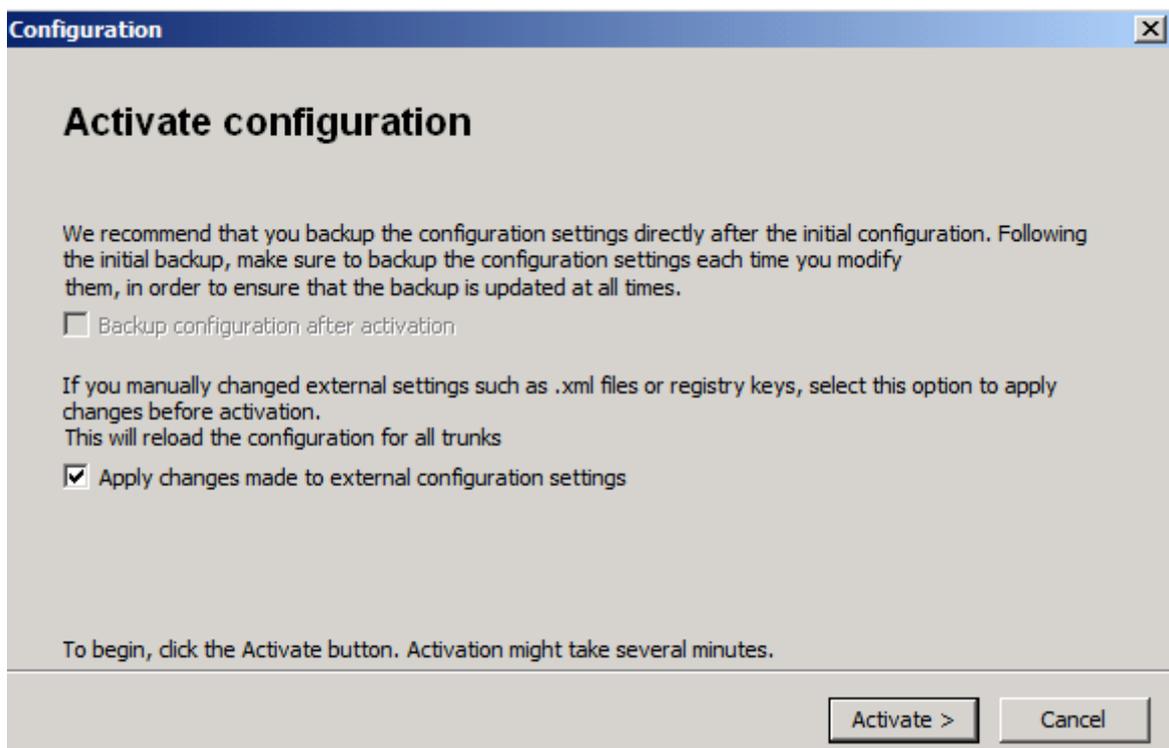
< Back

Next >

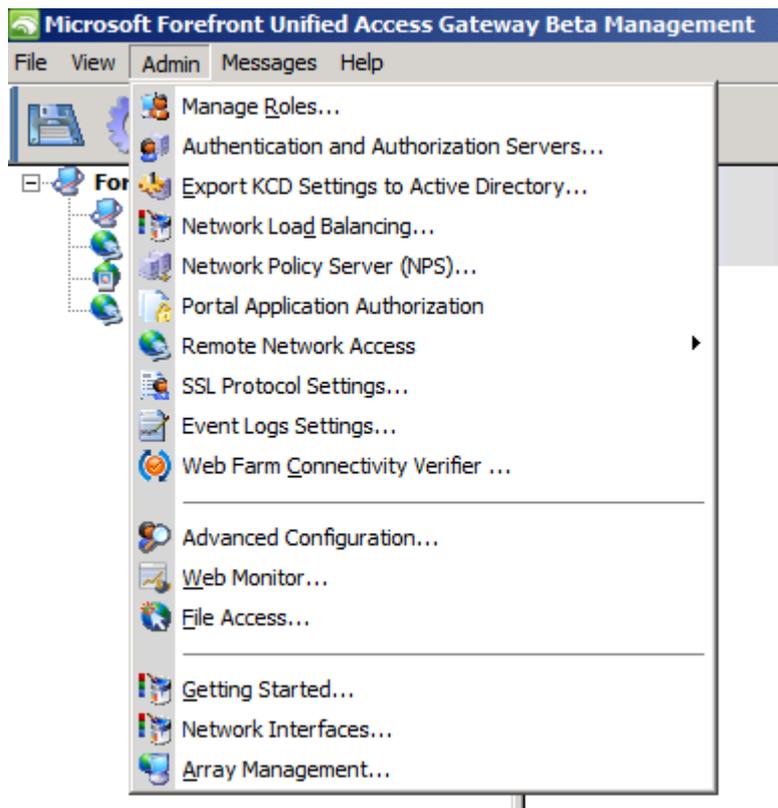
Cancel



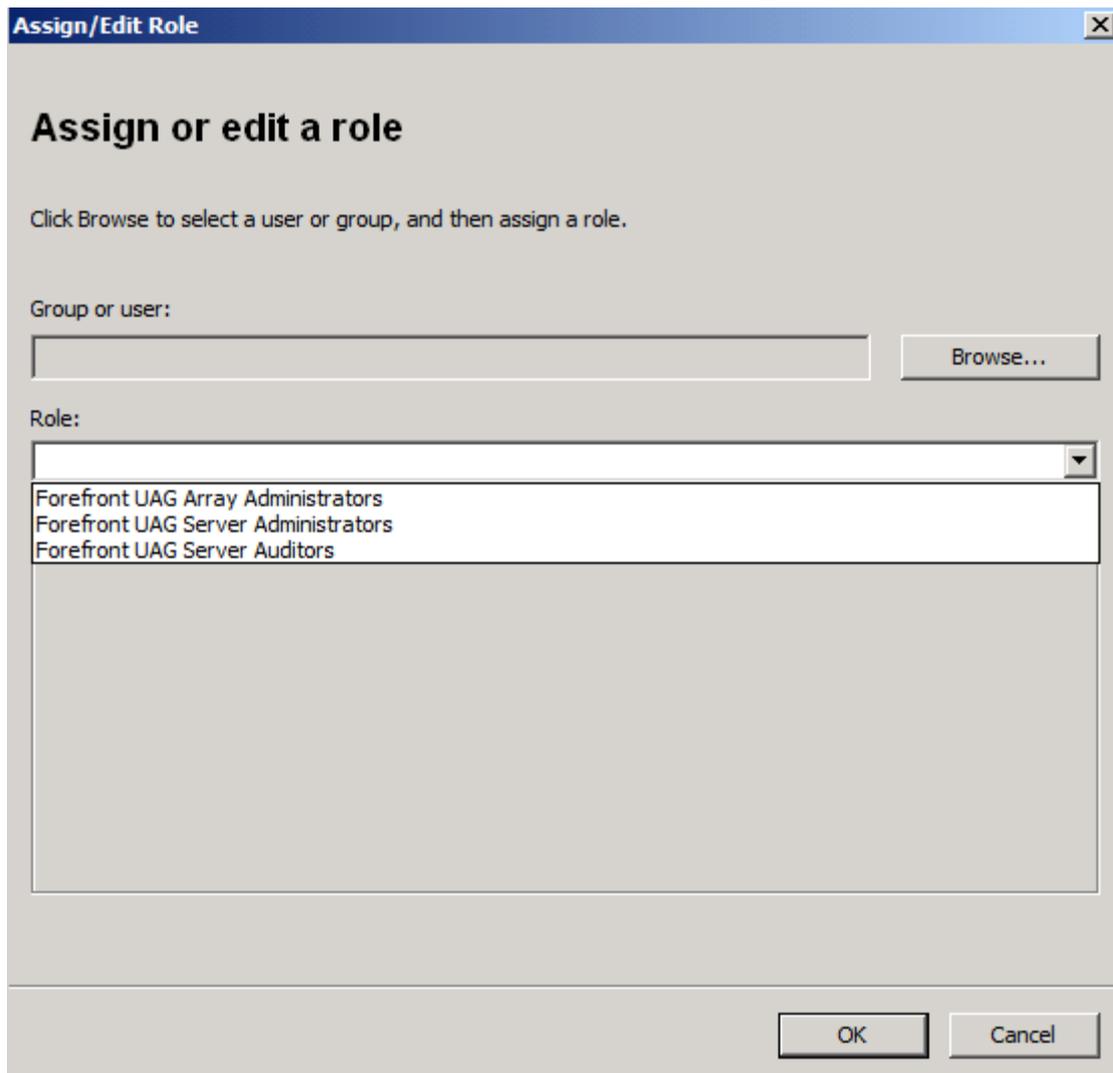
Konfig aktivieren



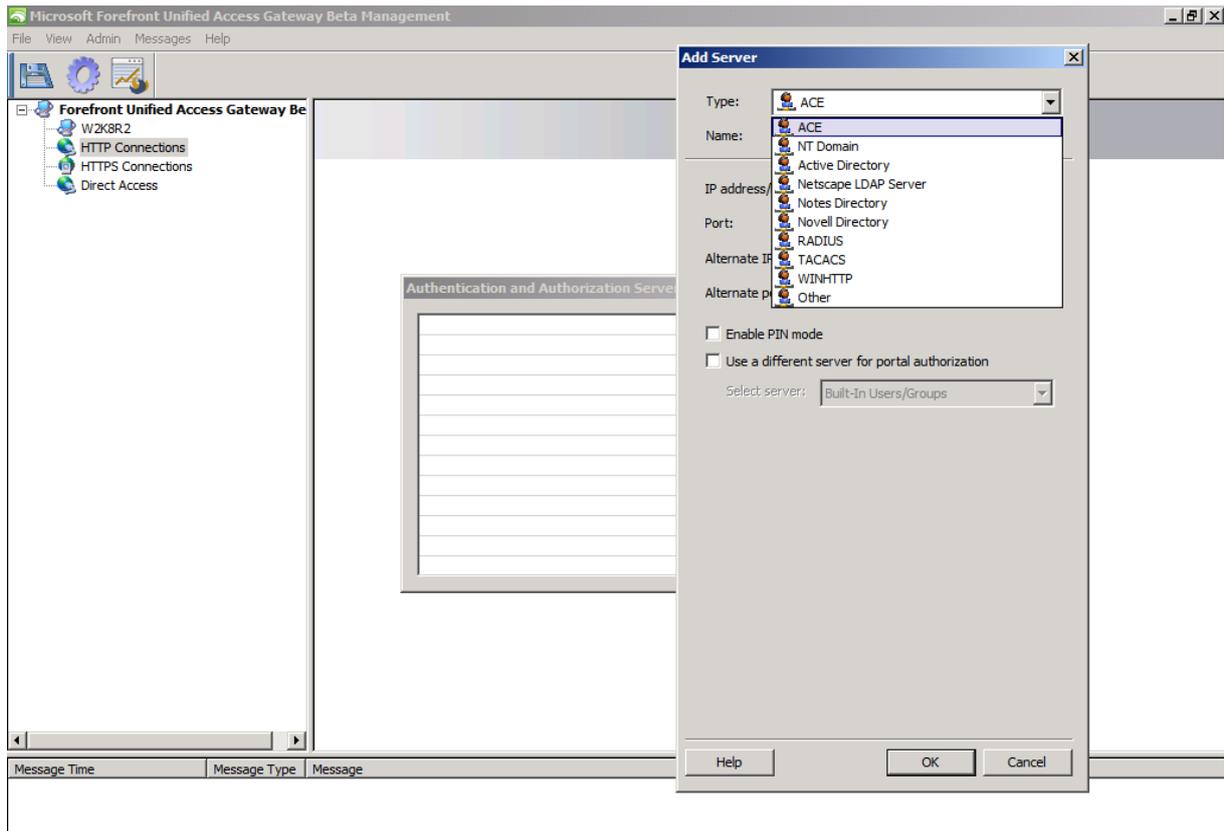
Was kann man(n) denn so alles einstellen?



Ah, Rollen aehnlich wie bei TMG / ISA



Ne Menge Authentifizierungsquellen



AD im Detail

Add Server [X]

Type:

Name:

Use local Active Directory forest authentication

IP address/host:

Port: Secure port

Alternate IP/host:

Alternate port: Secure port

Domain:

Users and groups

Base:

Include subfolders

Level of nested groups:

Server access credentials

User:

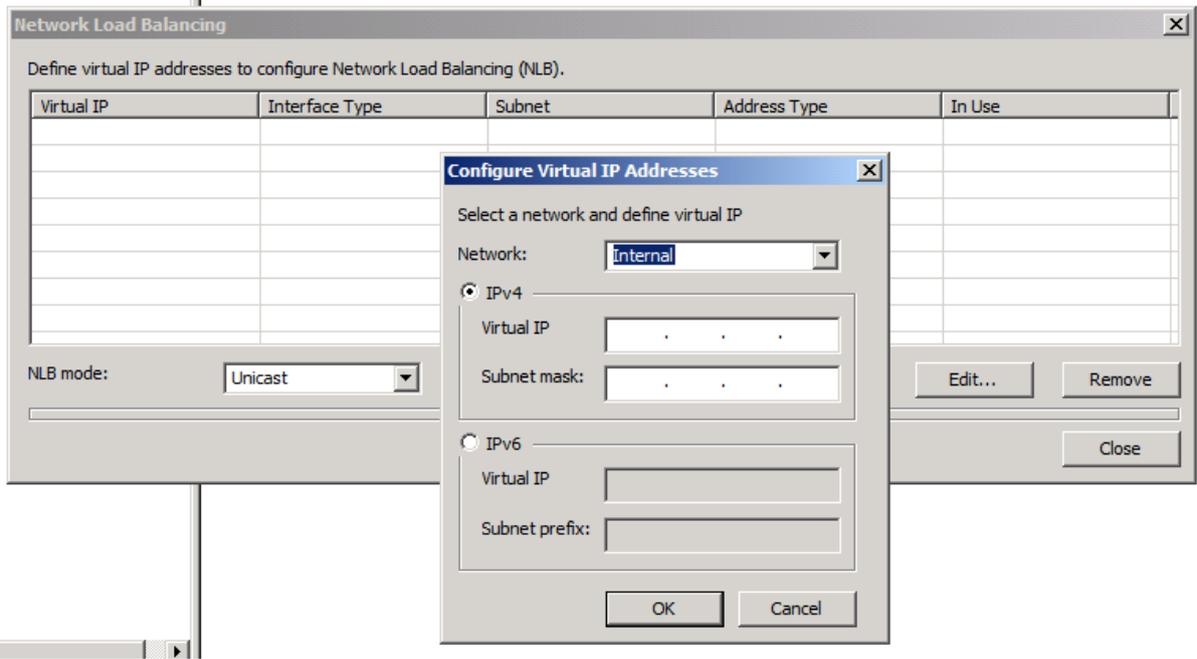
Password:

Confirm password:

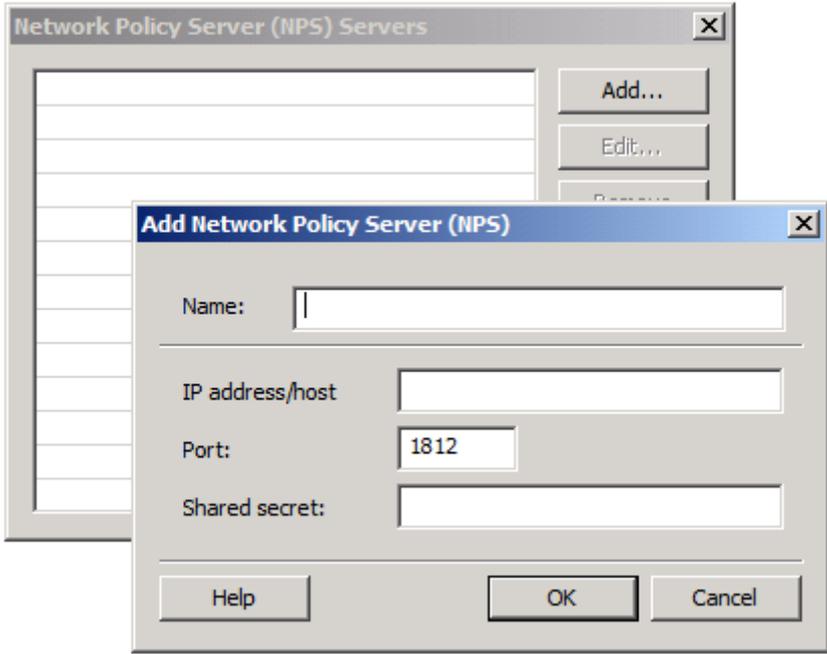
Domain:

Anonymous logon

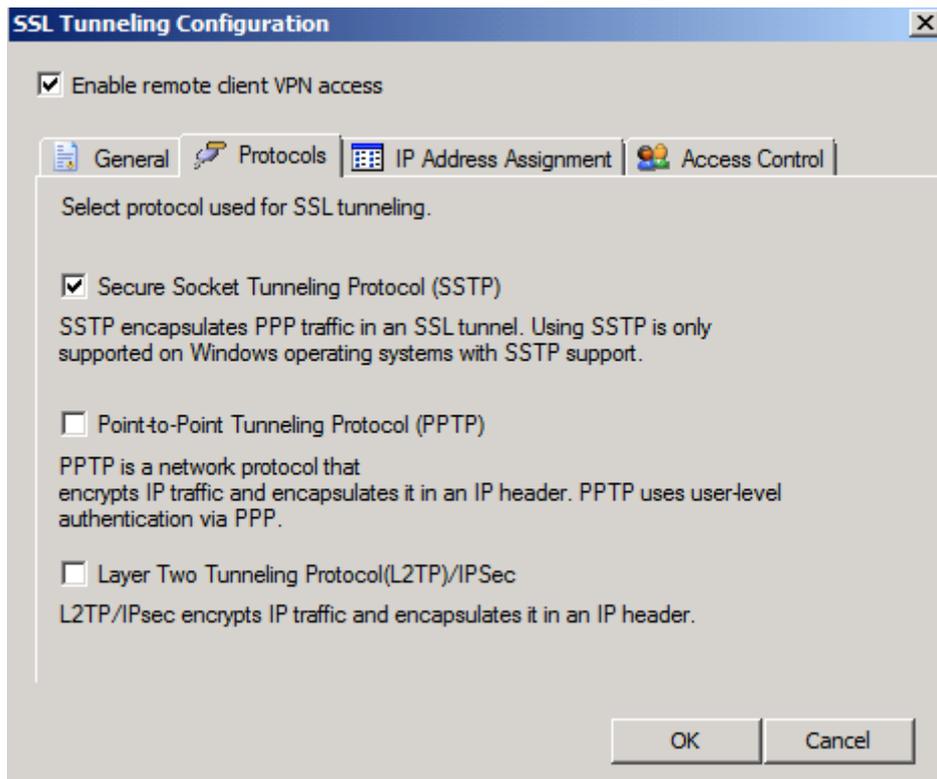
NLB geht in UAG jetzt auch, bei IAG noch nicht!



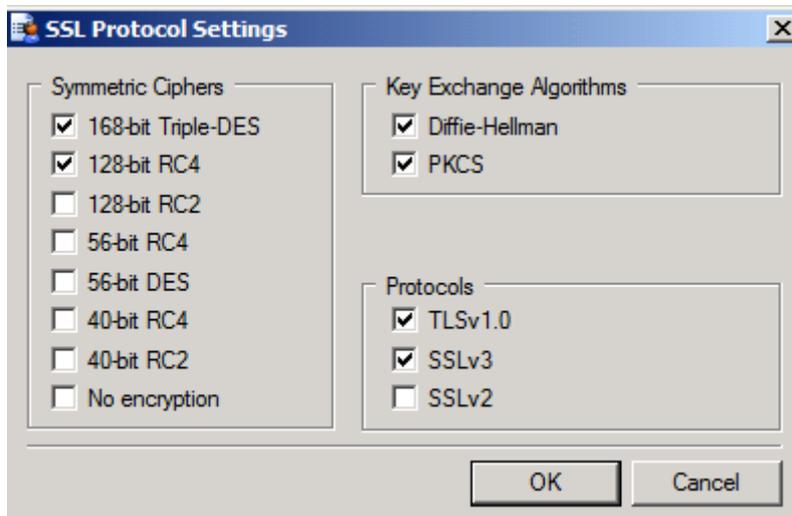
NPS Integration - Guuut!



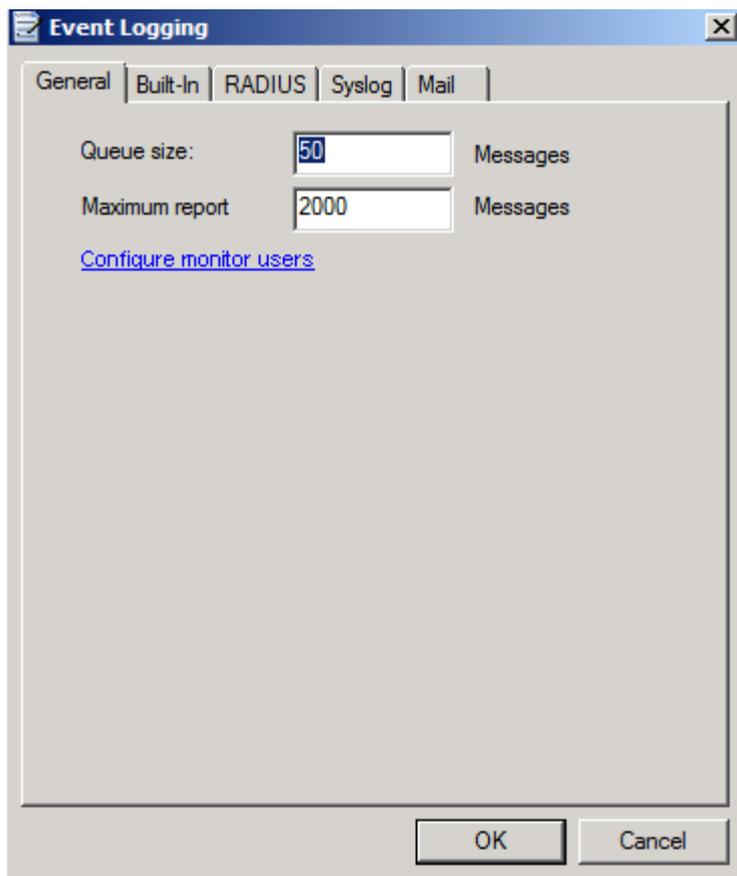
SSL VPN, SSL VPN, SSL VPN



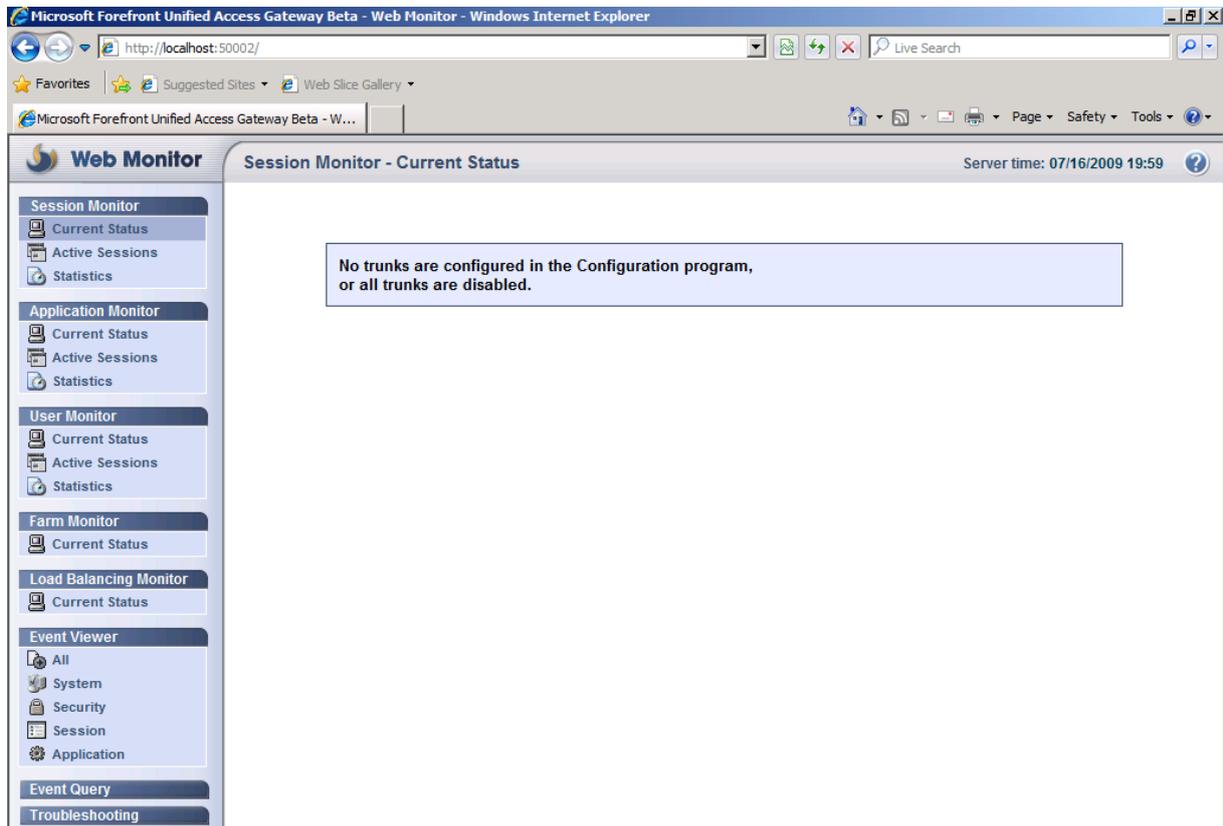
SSL Sicherheitseinstellungen



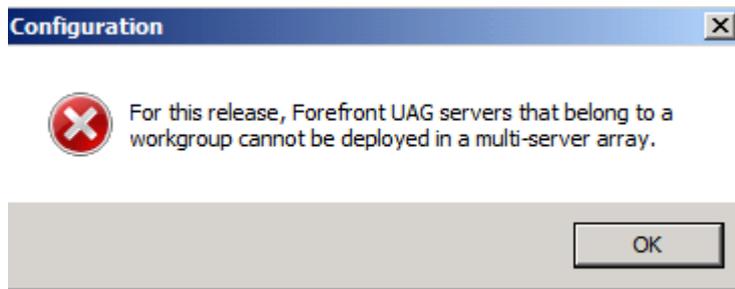
Logging, Logging, Logging



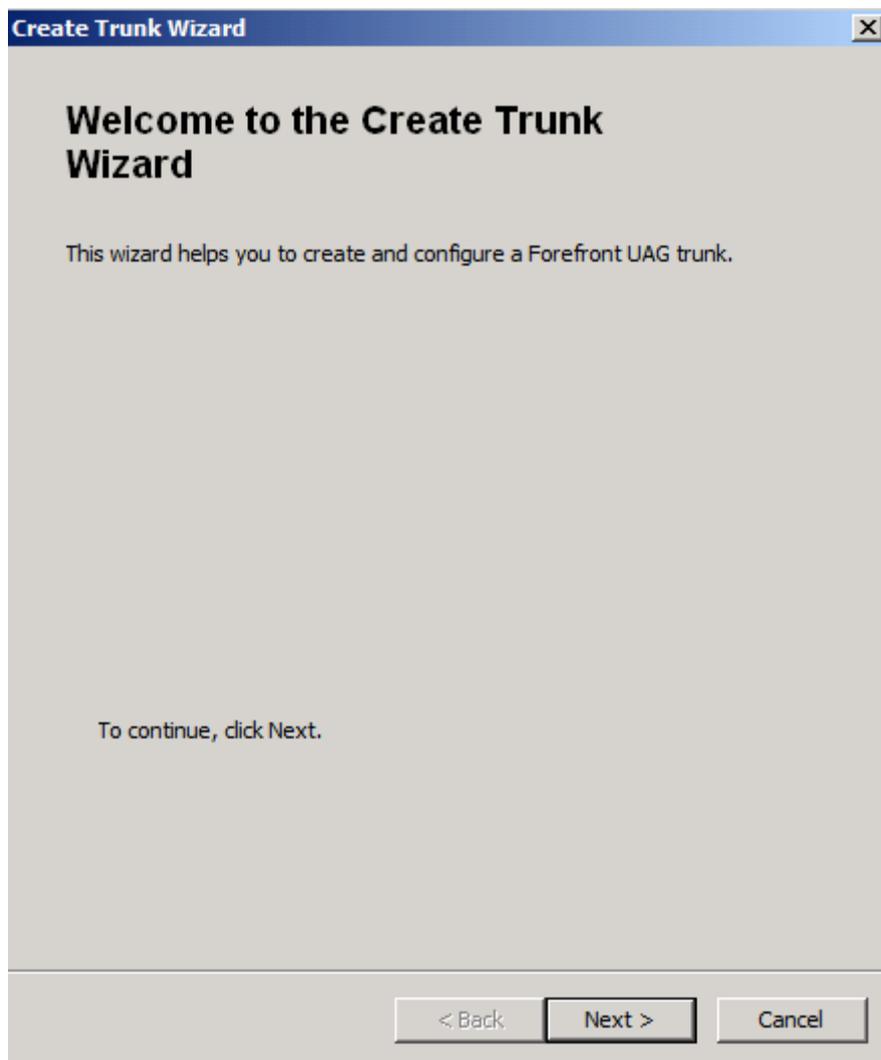
Webmonitor noch leer, da noch kein Trunk definiert ist

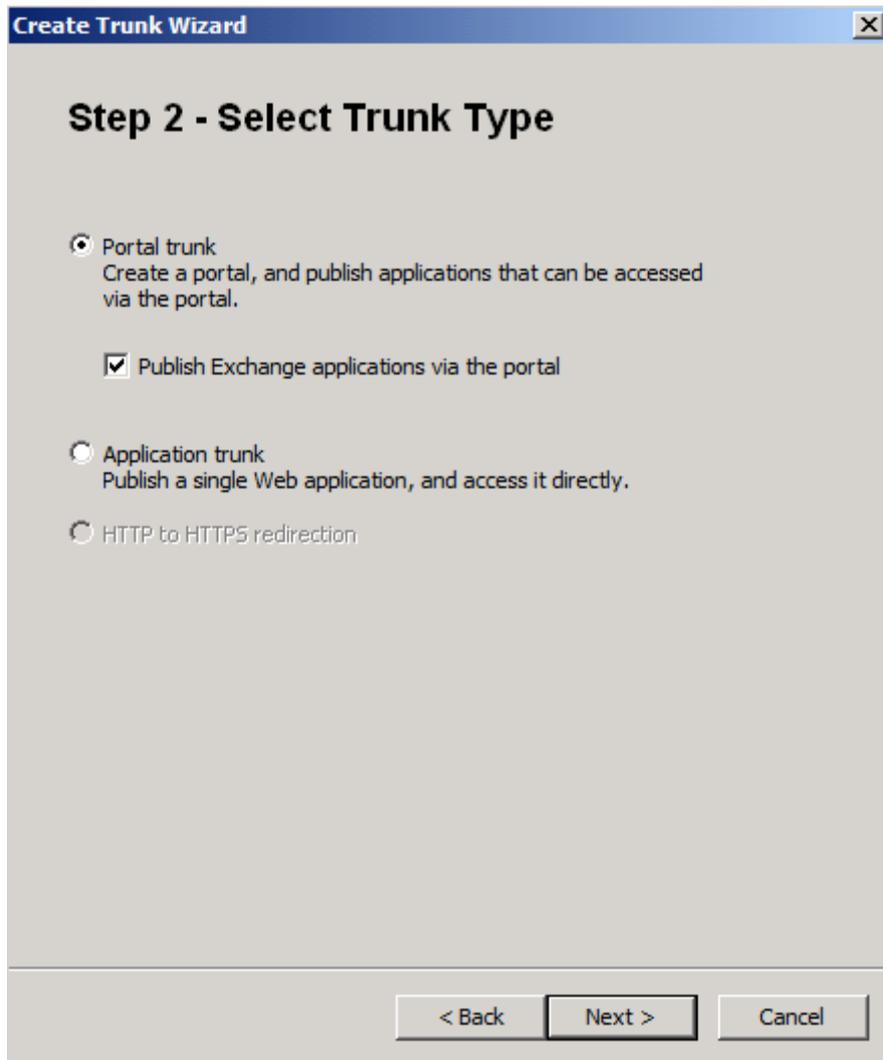


OK, Beta!



Dann mal einen neuen Trunk erstellen





Exchange

Create Trunk Wizard [X]

Step 3 - Setting the Trunk

Trunk name:

Public host name:

External Web Site

IP address: ▼

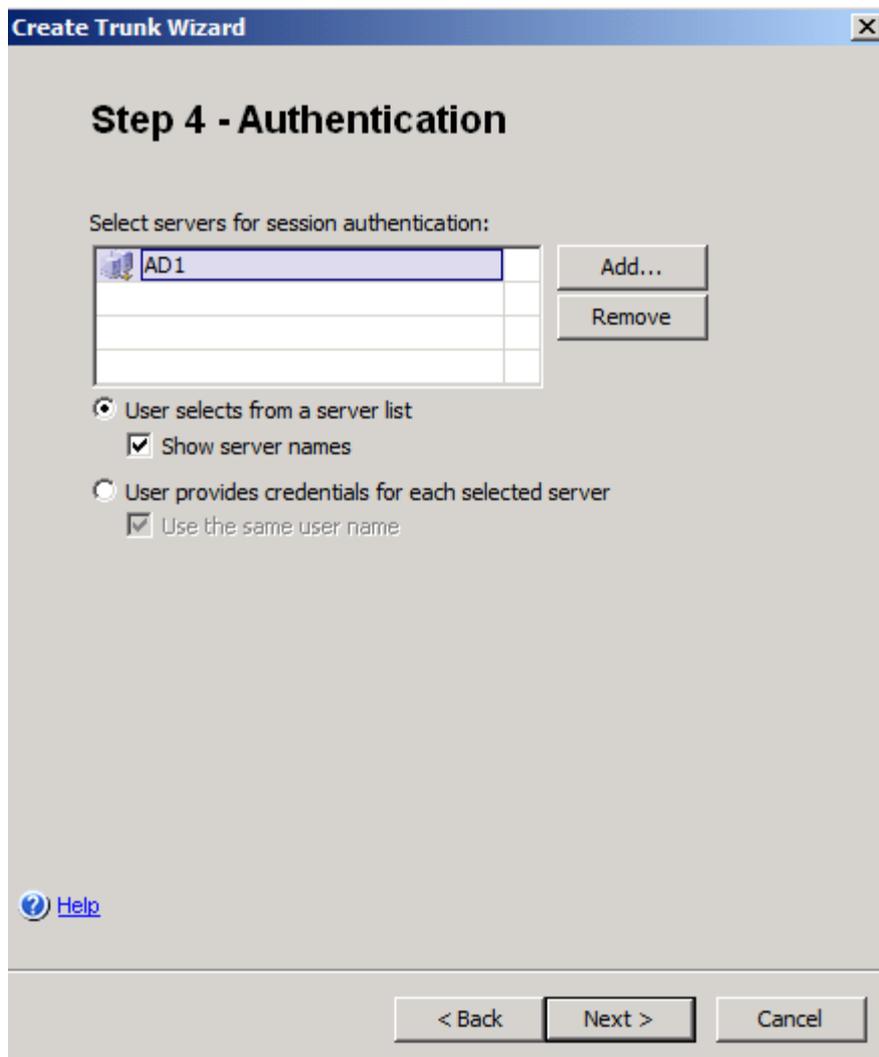
HTTP port: ▼

HTTPS port: ▼

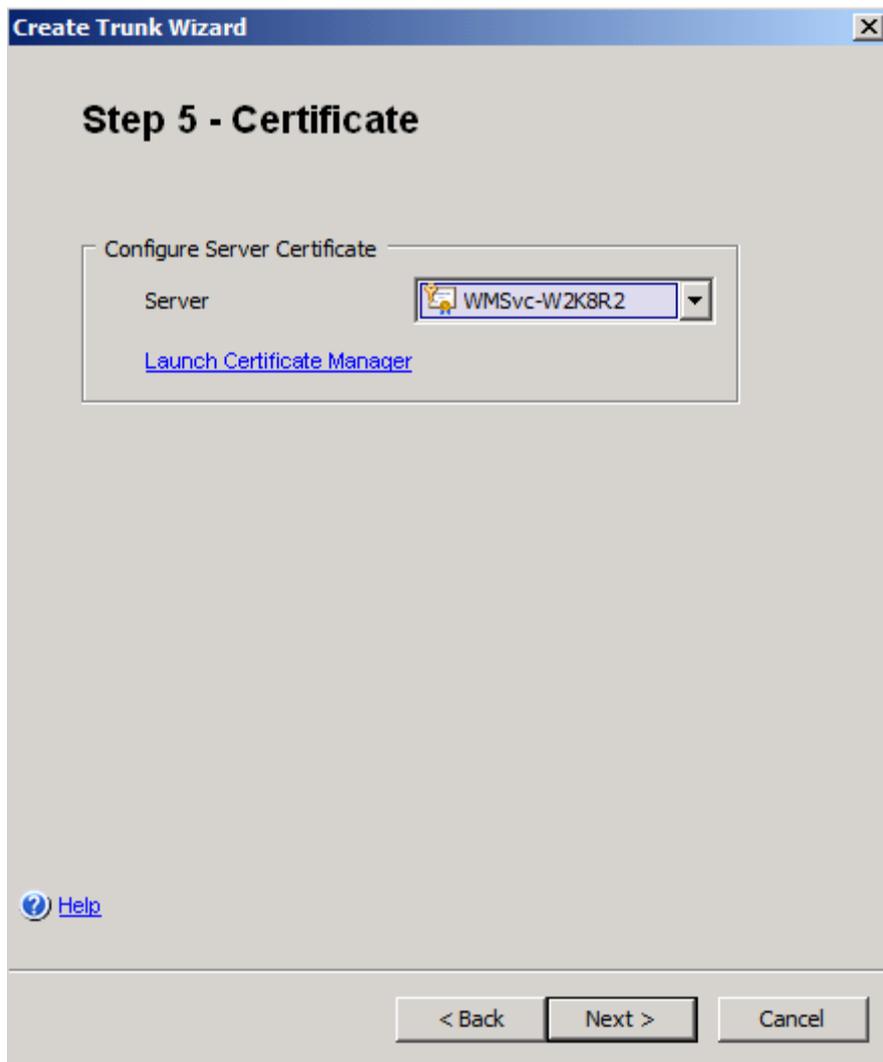
[Help](#)

< Back Next > Cancel

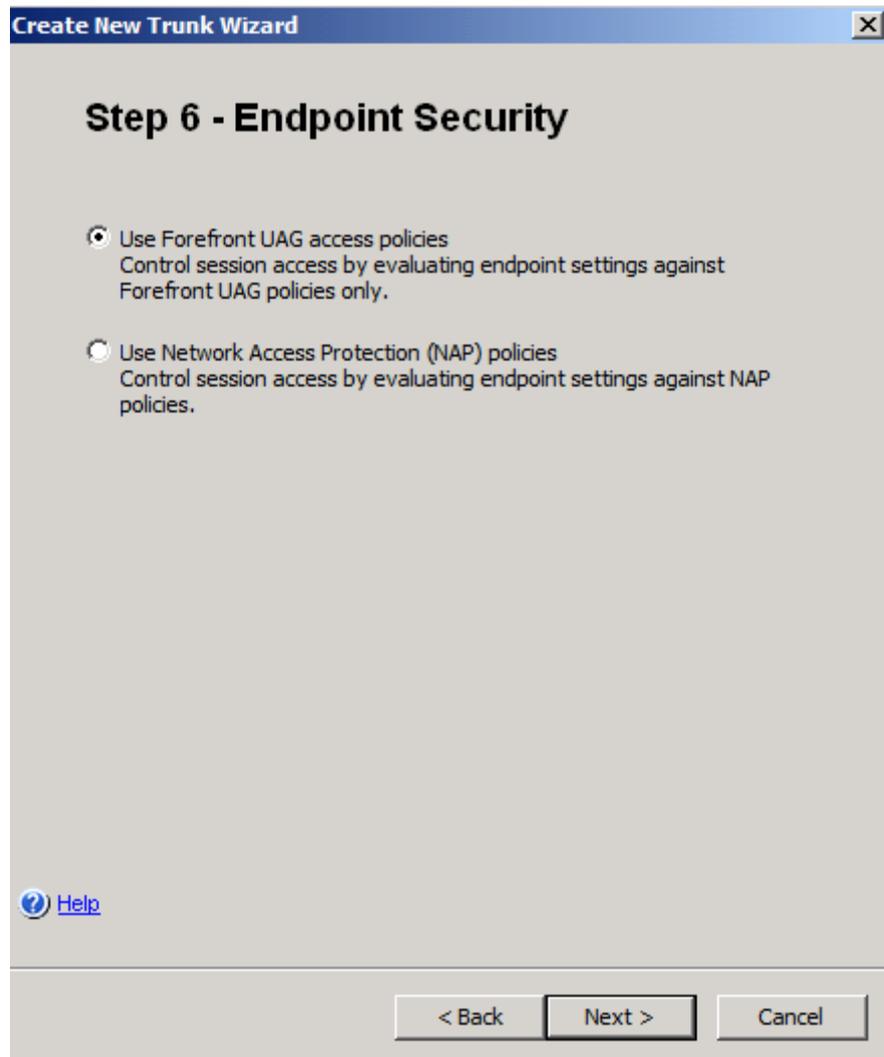
Authentifizierungsquelle



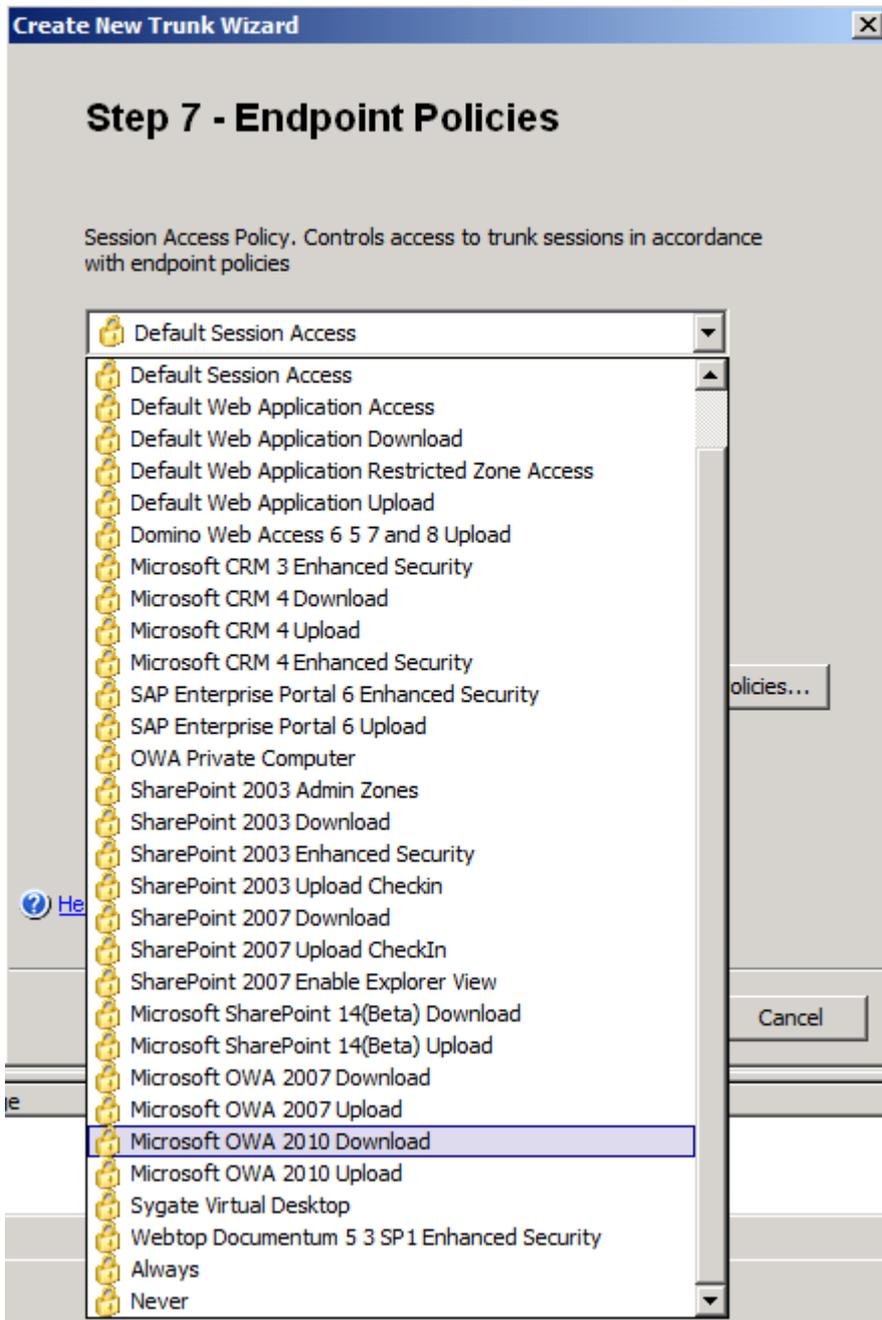
Zertifikate fuer Bridging



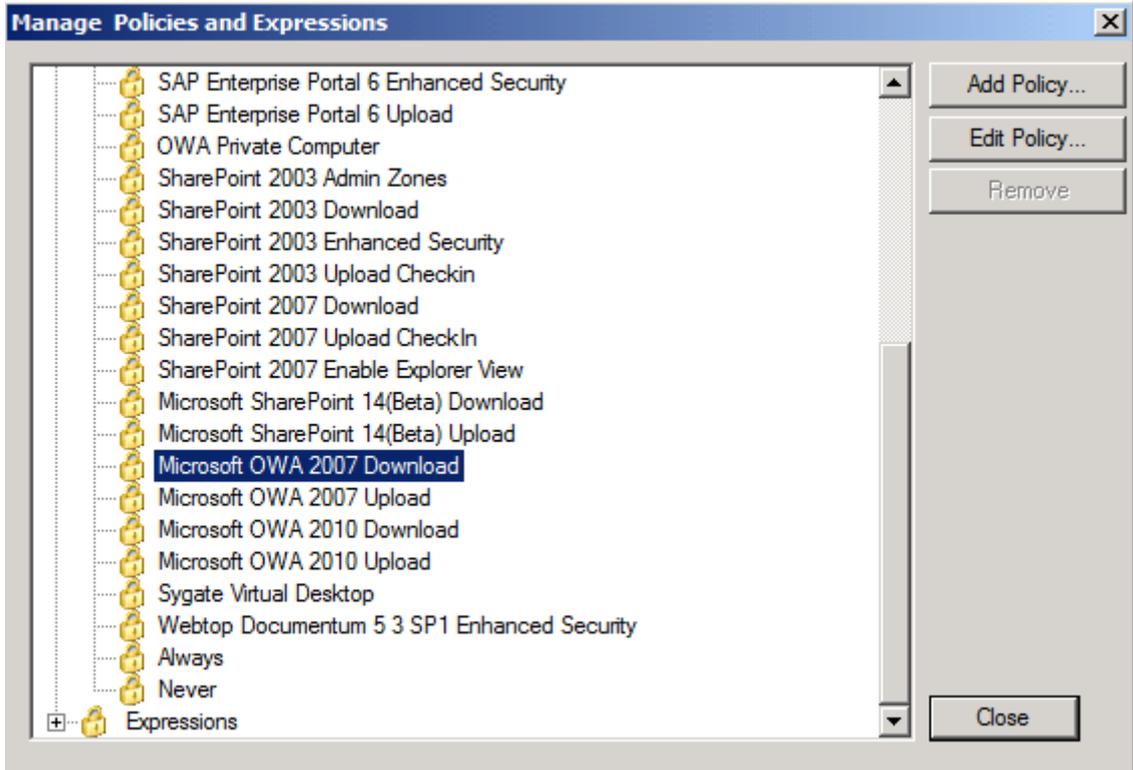
NPS oder UAG Policies?

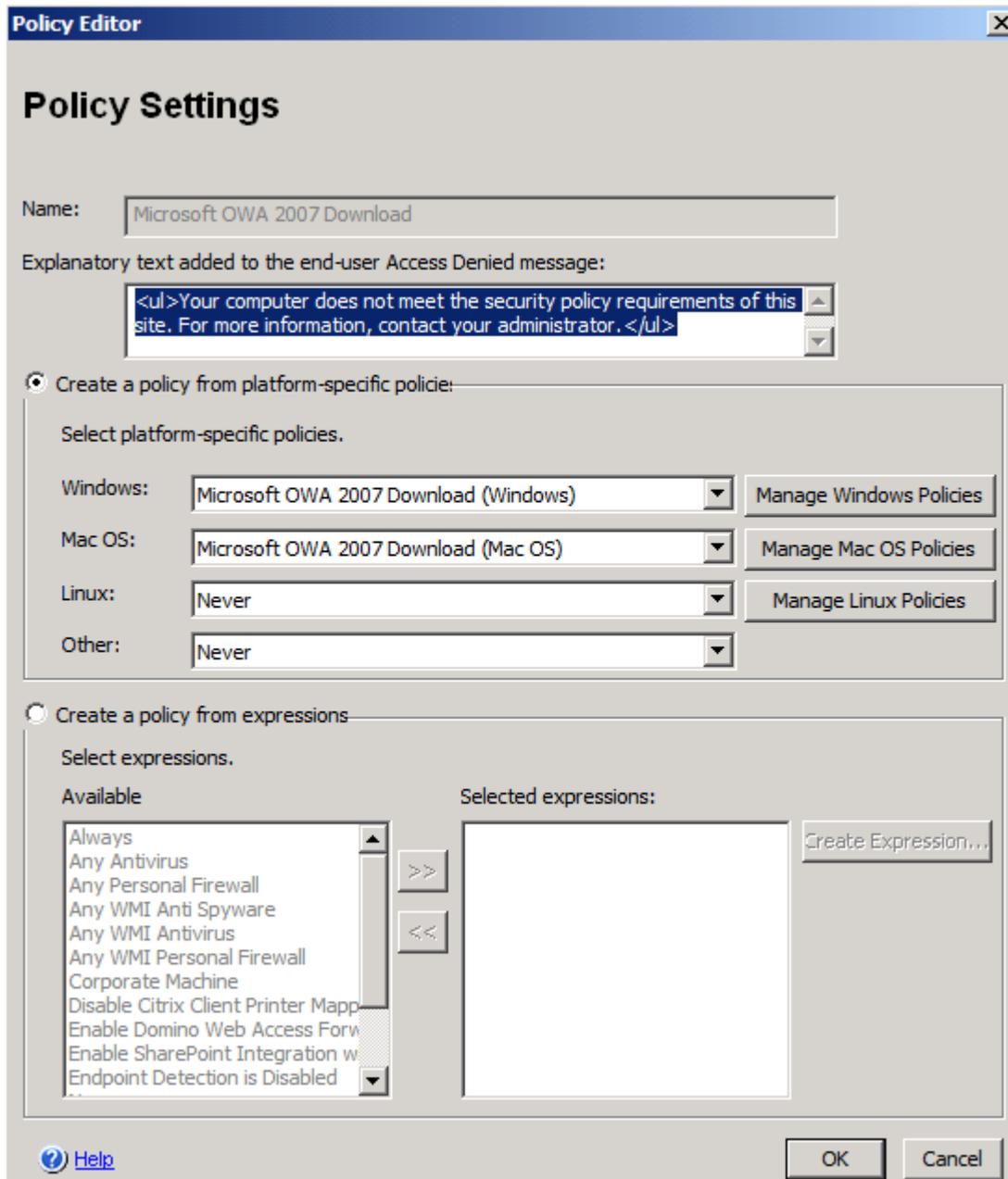


Welche Policy?

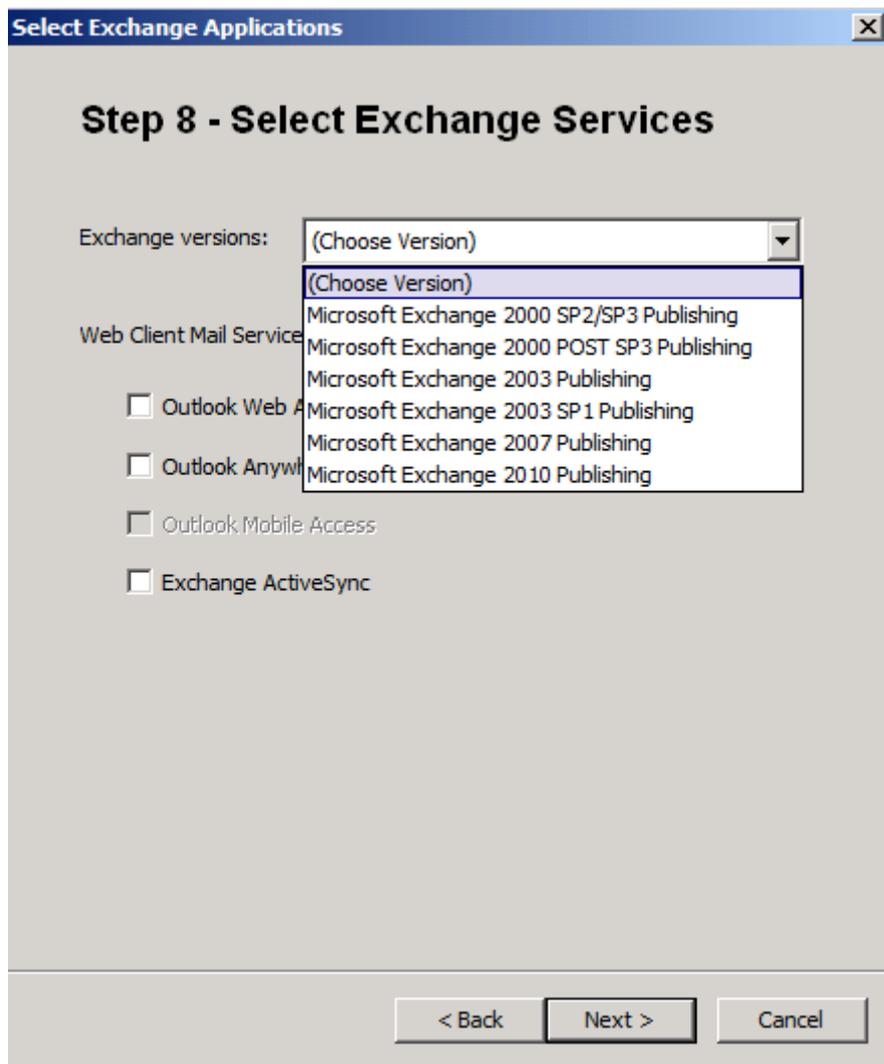


OWA 2007 waehlen!





Policy anpassen



Version waehlen

Select Exchange Applications

Step 8 - Select Exchange Services

Exchange versions: Microsoft Exchange 2007 Publishing

Web Client Mail Services:

- Outlook Web Access
- Outlook Anywhere (RPC over HTTP)
- Outlook Mobile Access
- Exchange ActiveSync

< Back Next > Cancel

fast wie bei TMG



Step 9 - Application Setup

Application name:

Application type:

 [Help](#)

< Back

Next >

Cancel

Add Exchange Application [X]

Step 10 - Endpoint Security

Access policy: [Default Web Application Access ▼]

Upload policy: [Default Web Application Upload ▼]

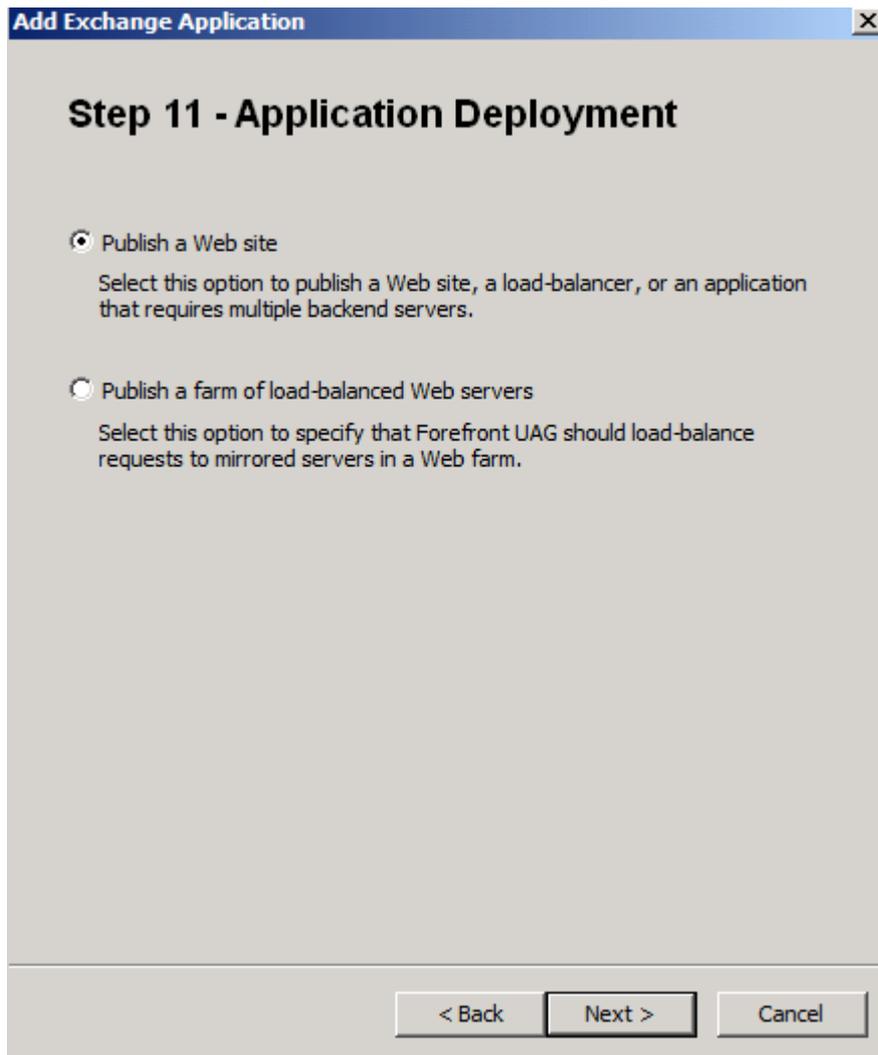
Download policy: [Default Web Application Download ▼]

Restricted zone policy: [Default Web Application Restricted Zone A ▼]

[Edit Endpoint Policies...]

[< Back] [Next >] [Cancel]

fast wie bei TMG



fast wie bei TMG

Add Exchange Application [X]

Step 12 - Web Servers

Address type: IP/Host Subnet Regular expression

Addresses:

Paths:

HTTP ports: HTTPS ports:

[Help](#)

< Back Next > Cancel

na ja, etwas anders hier

Step 13 - Authentication

Use single sign-on to send credentials to published applications

Select authentication servers:

 AD1	

Add...

Remove

401 request HTML form Both

[Help](#)

< Back

Next >

Cancel

Add Exchange Application [Close]

Step 14 - Portal Link

Add a portal and toolbar link

Portal name:

Folder:

Application URL:

Mobile URL:

Icon URL:

Short description:

Description:

Open in a new window

[Help](#)

< Back Next > Cancel

Authentifizierung

Add Exchange Application [Close]

Step 15 - Exchange Application Authorization

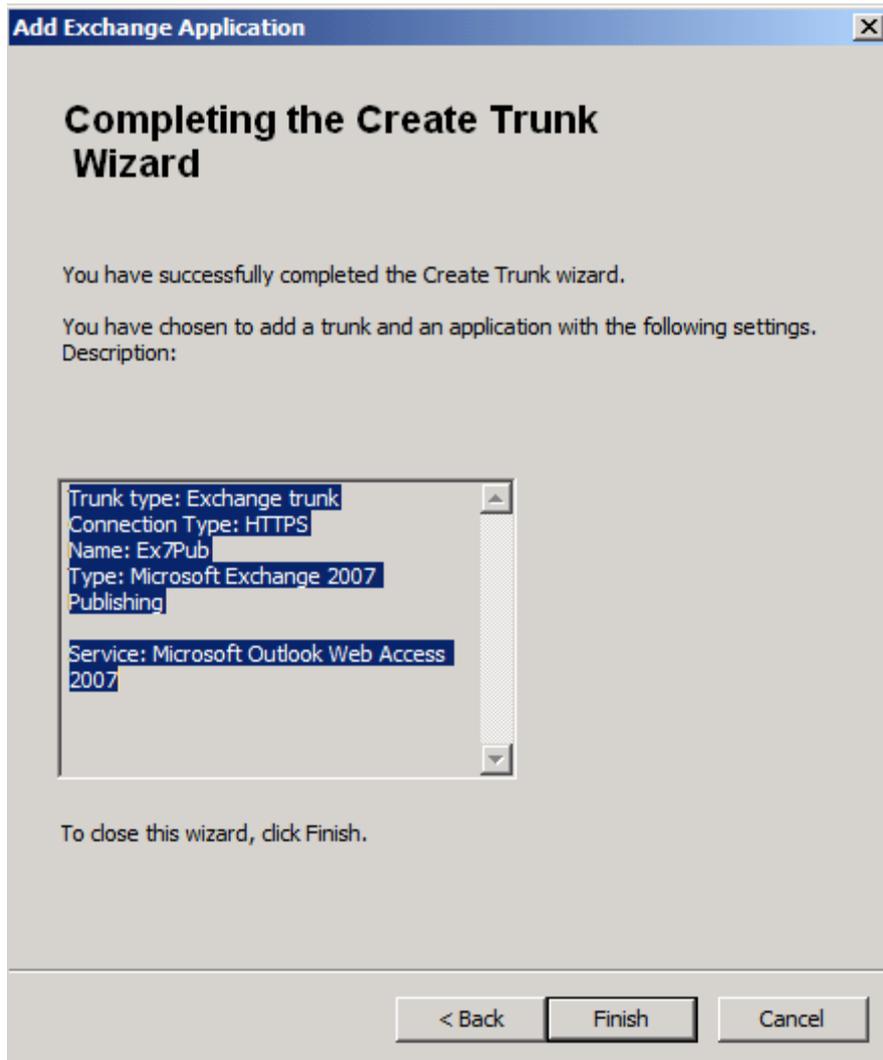
Specify users and groups that can view and access the application via the portal.

Authorize all users

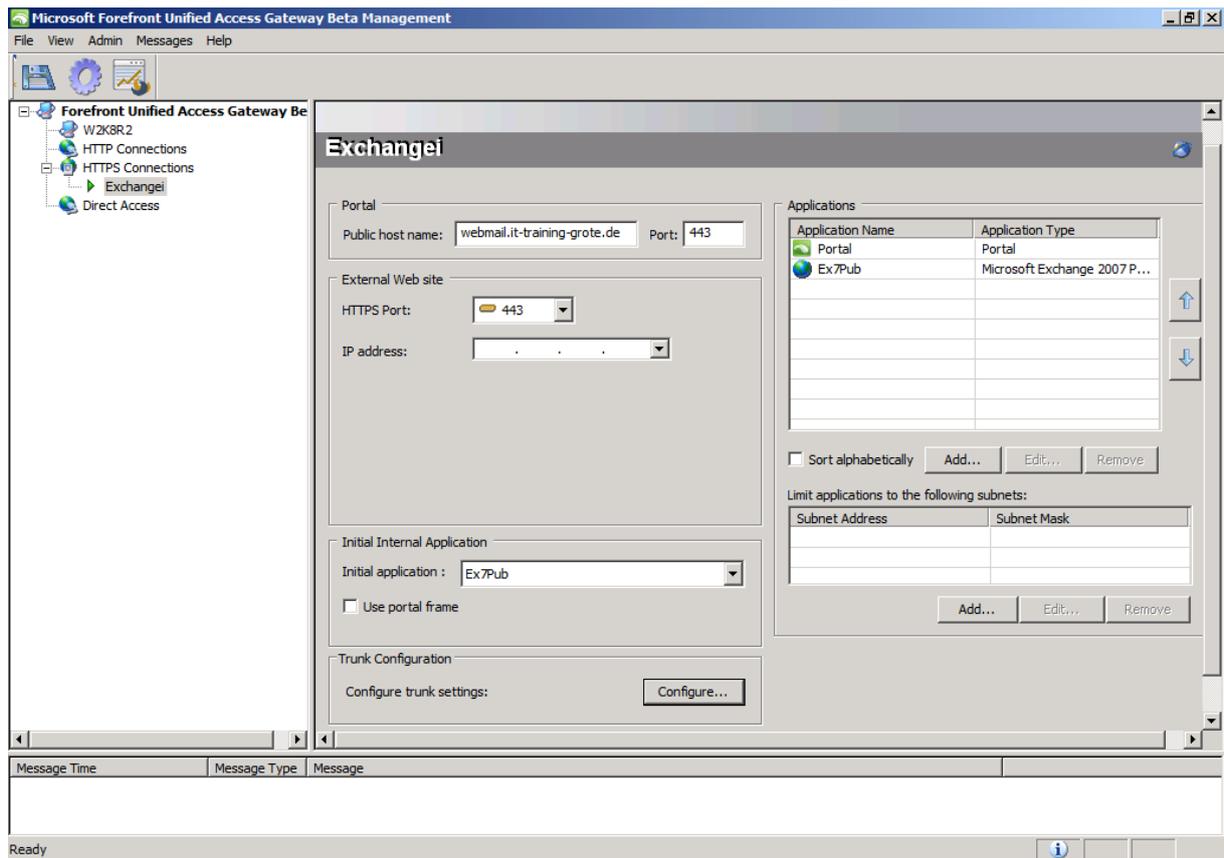
Users and groups:

Name	Allow	View	Deny	

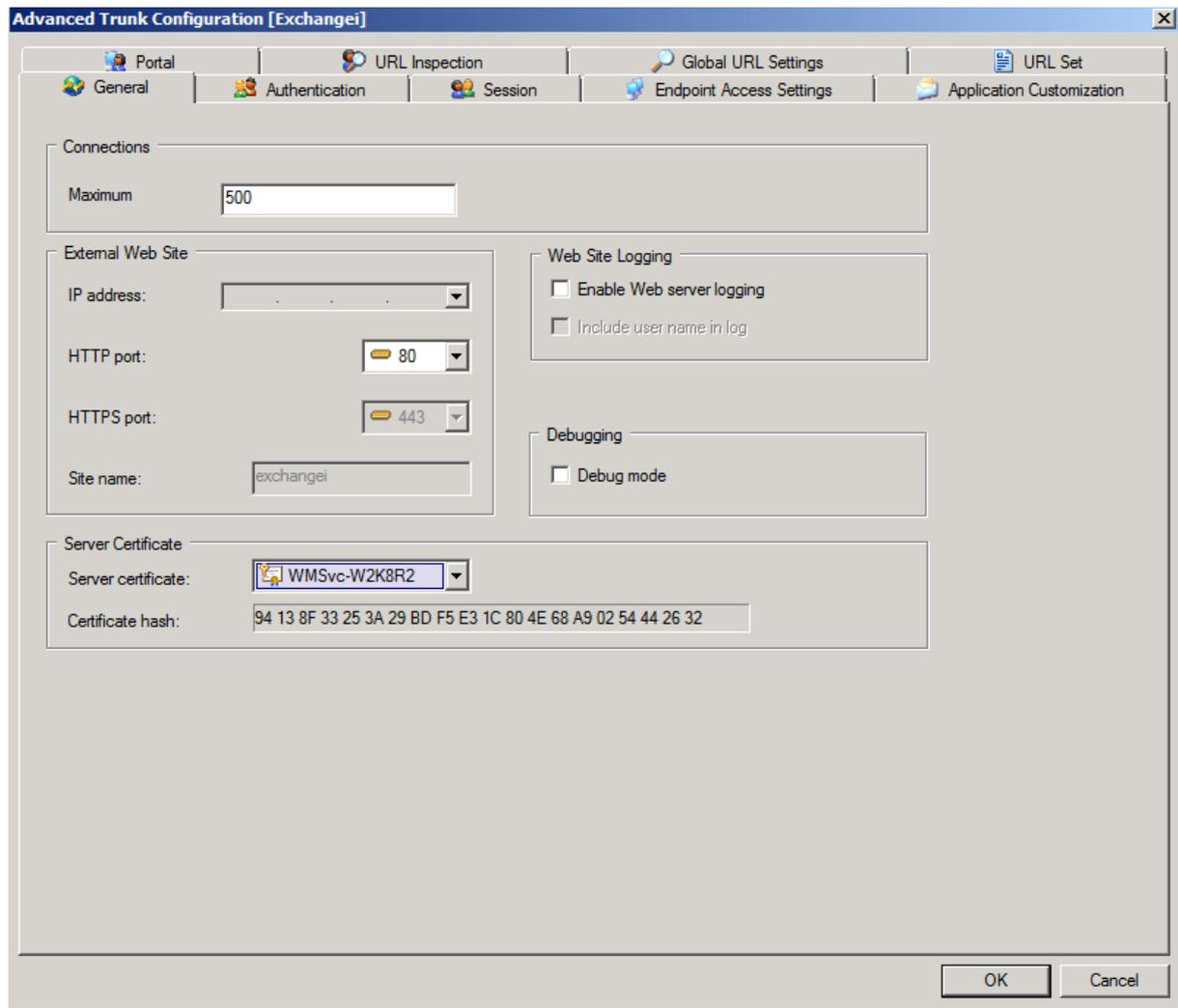
Fertig



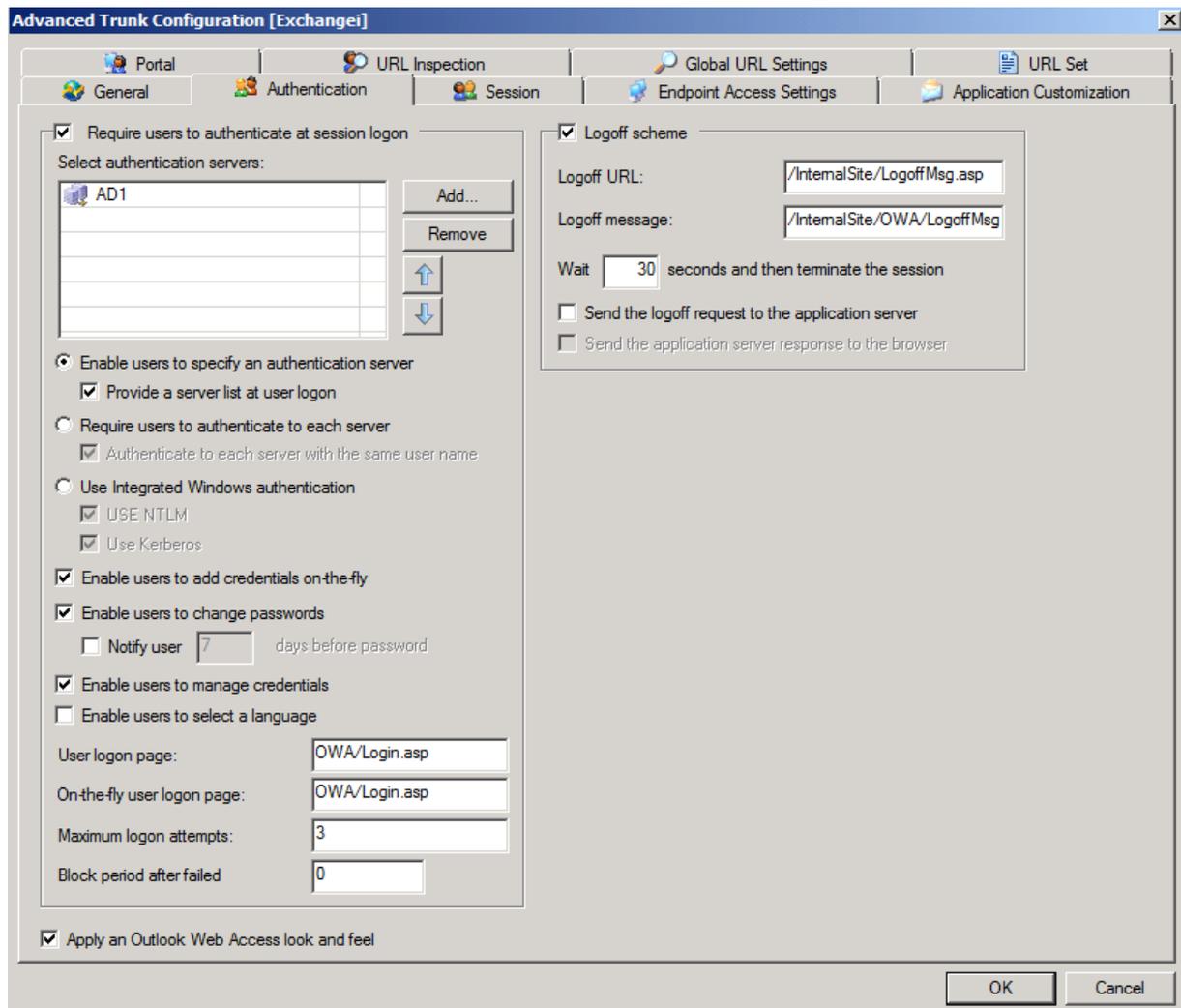
Alles im Ueberblick



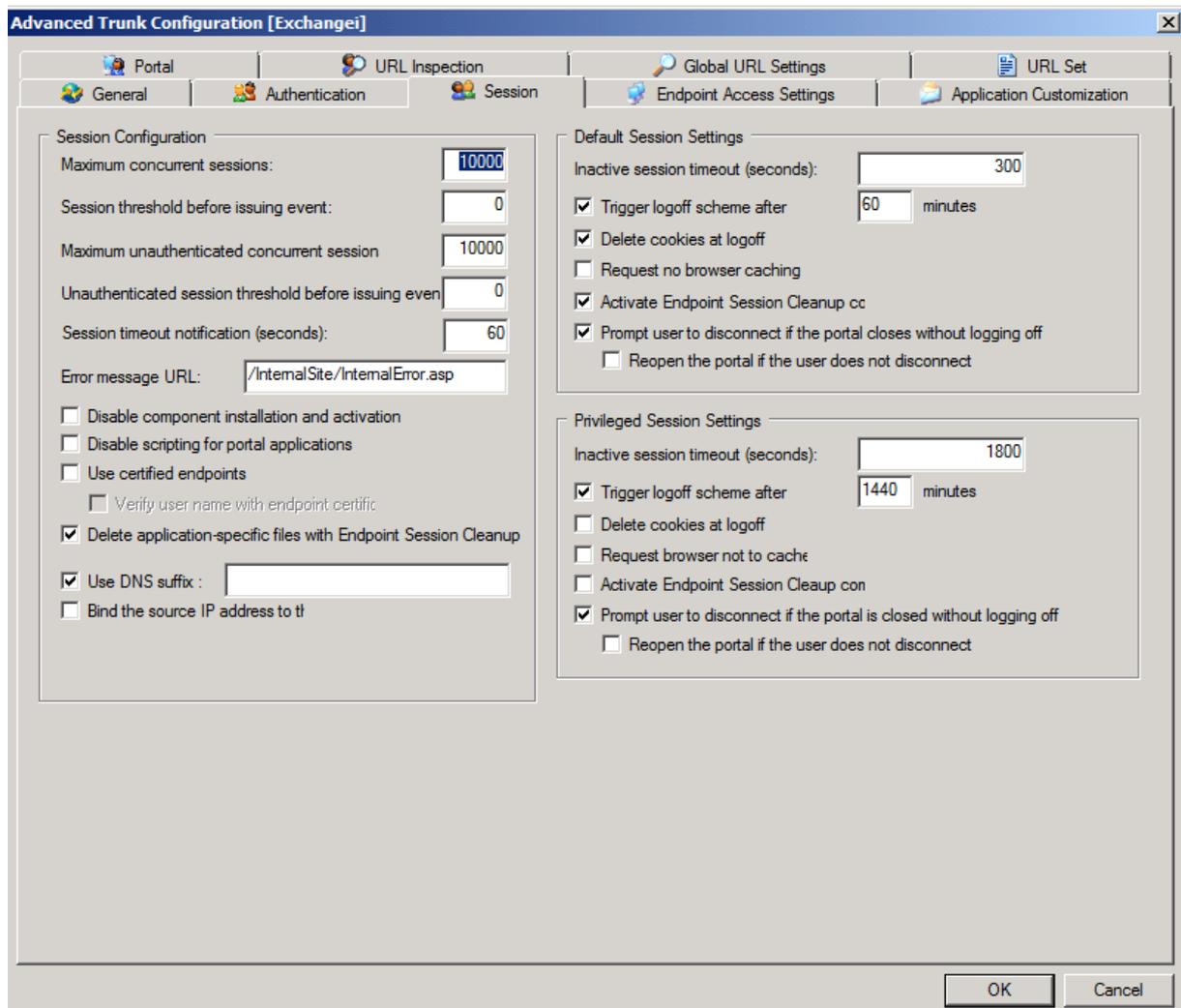
Details - viel mehr als bei Exchange / TMG!!!!



Details - viel mehr als bei Exchange / TMG!!!!



Details - viel mehr als bei Exchange / TMG!!!! - heftig



Einstellungen ohne Ende

Advanced Trunk Configuration [Exchange]

Portal | URL Inspection | Global URL Settings | URL Set

General | Authentication | Session | Endpoint Access Settings | Application Customization

Use Network Access Protection (NAP) policies

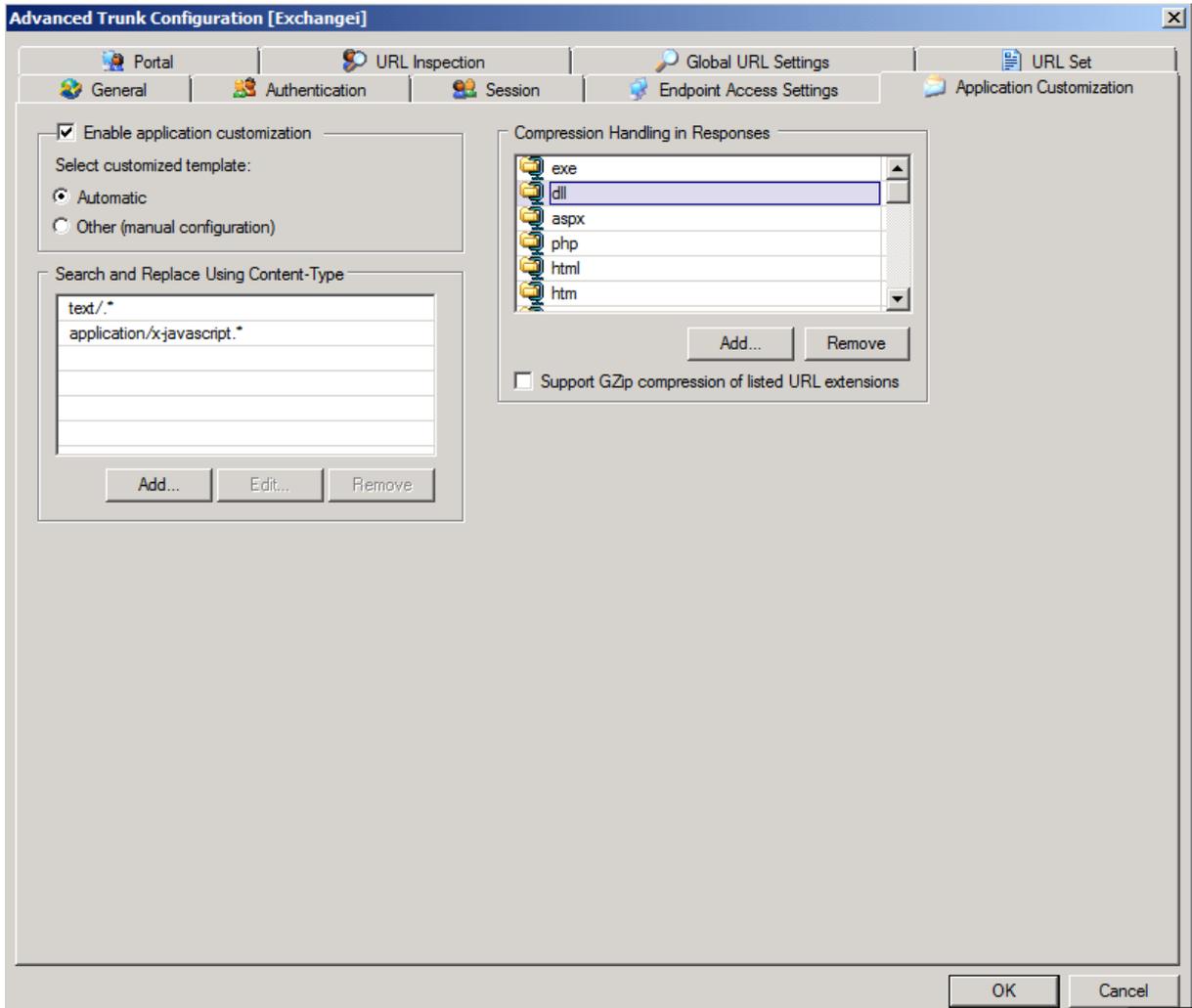
Deny access to logon page from endpoints that do not have NAP installed and running
 Use Forefront WAG endpoint policies when endpoints do not have NAP installed and running

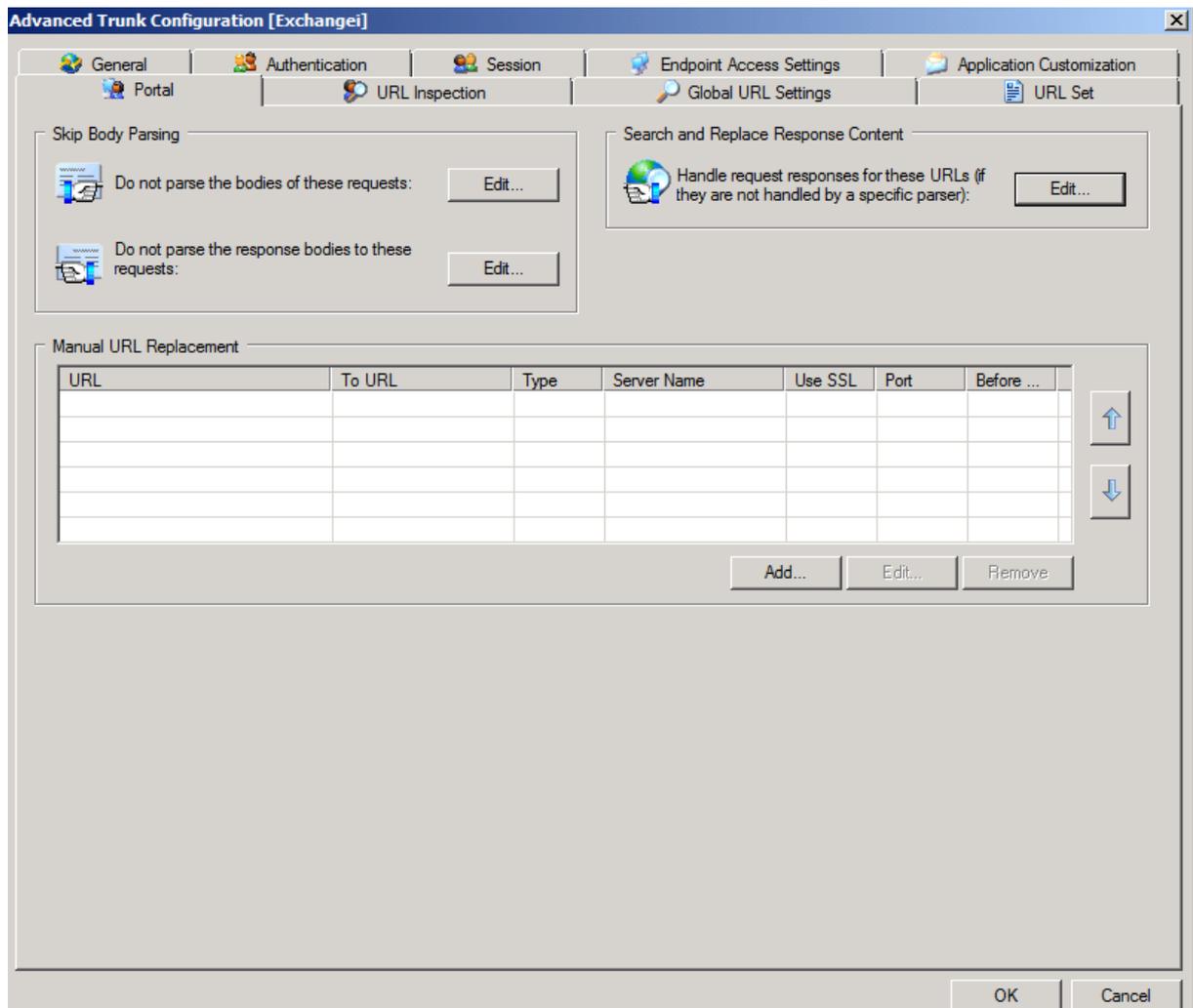
NAP policies are downloaded from a Network Policy Server (NPS).

Select NPS servers:

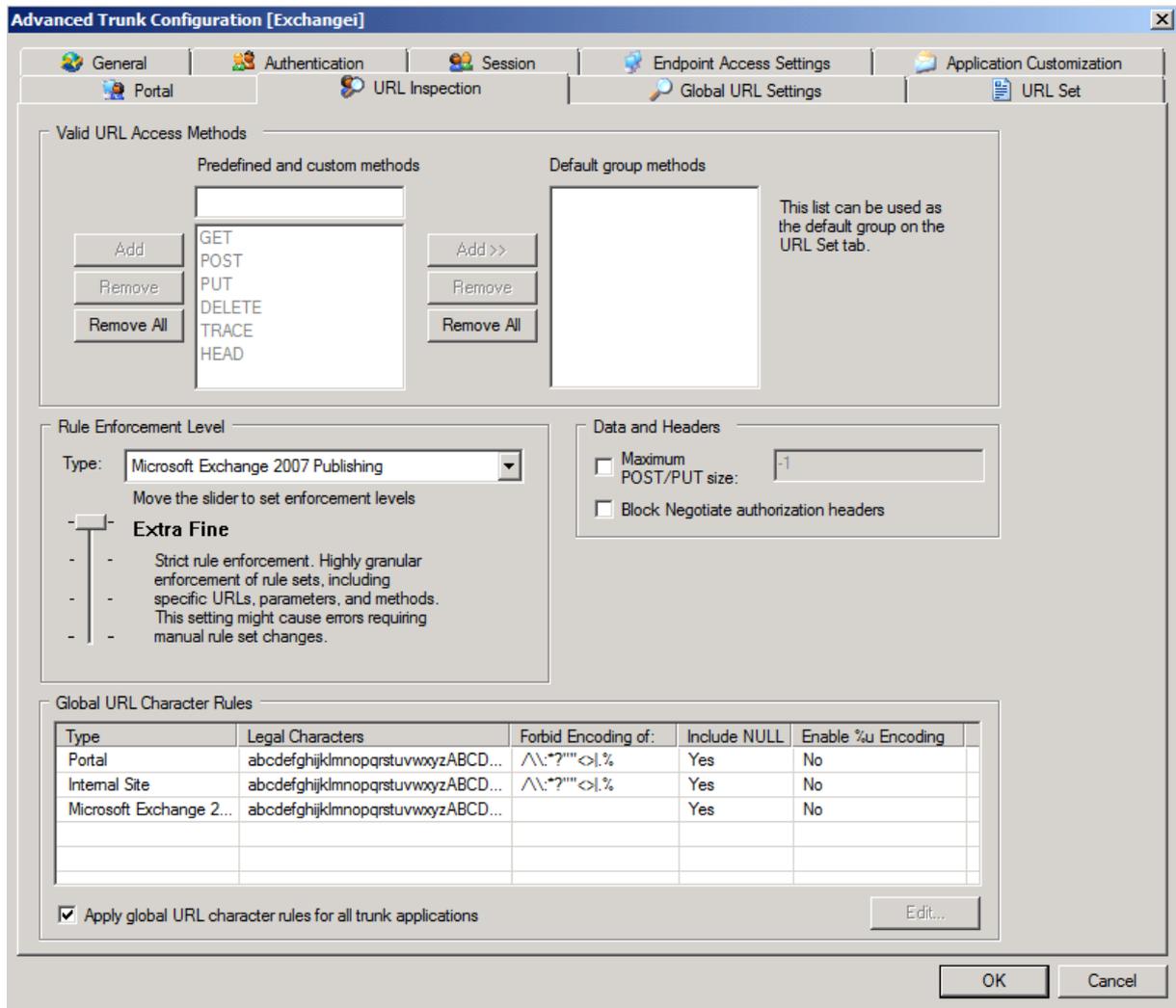
<p>Session access policy</p> <p>Access method:</p> <p><input type="button" value="Endpoint policy only"/></p> <p>Endpoint Policy:</p> <p><input type="button" value="Default Session Access"/></p>	<p>Privileged Endpoint Policy</p> <p>Access method:</p> <p><input type="button" value="Endpoint policy only"/></p> <p>Endpoint Policy:</p> <p><input type="button" value="OWA Private Computer"/></p>	<p>Socket Forwarding component installation policy</p> <p>Access method:</p> <p><input type="button" value="Endpoint policy only"/></p> <p>Endpoint policy:</p> <p><input type="button" value="Always"/></p> <p><input type="checkbox"/> Uninstall the Socket Forwarding component</p>
--	---	--

Do not block this site in the Internet Explorer pop-up blocker
 Prompt user before retrieving information from endpoint

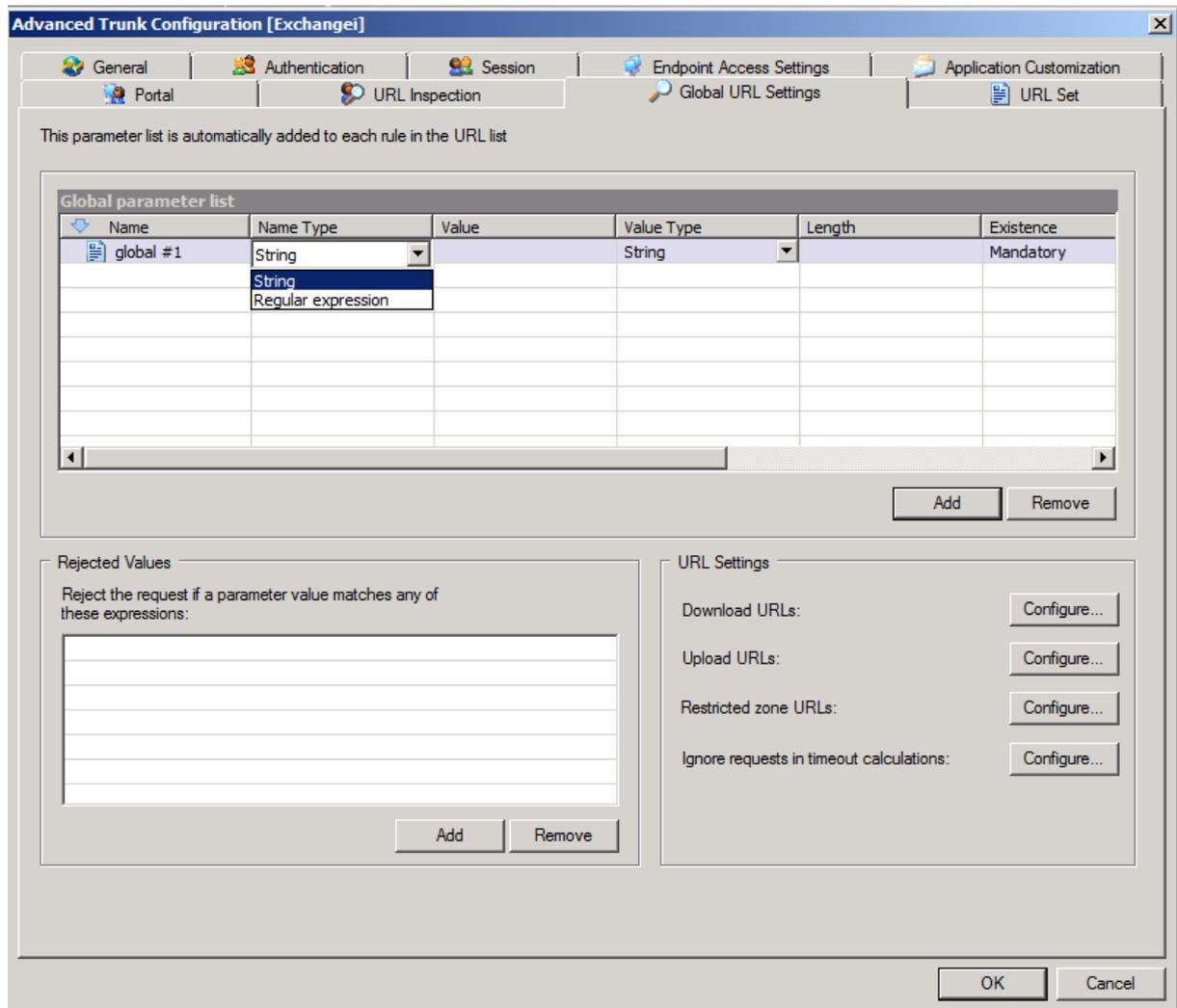




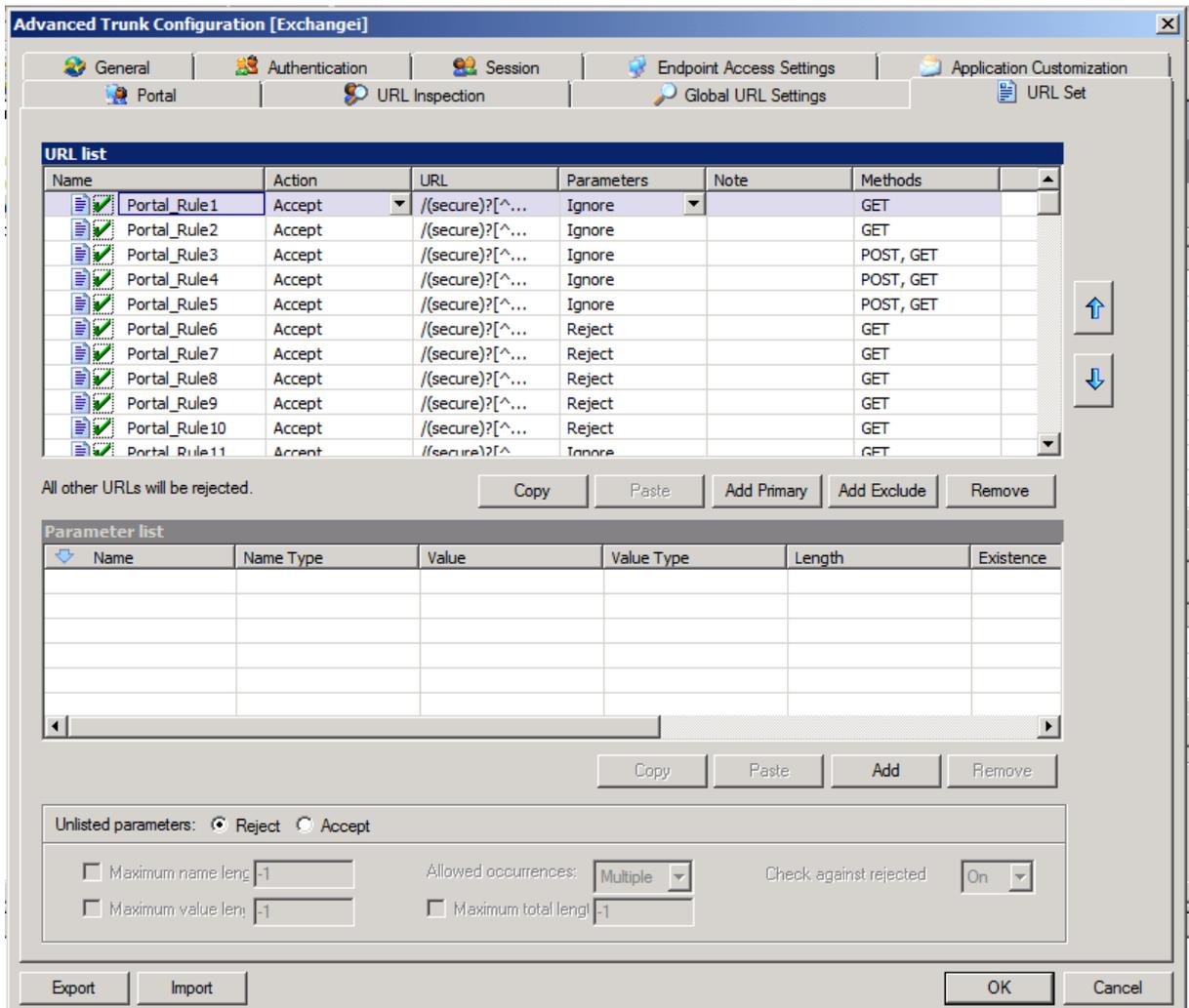
Genial URL Inspection im Detail



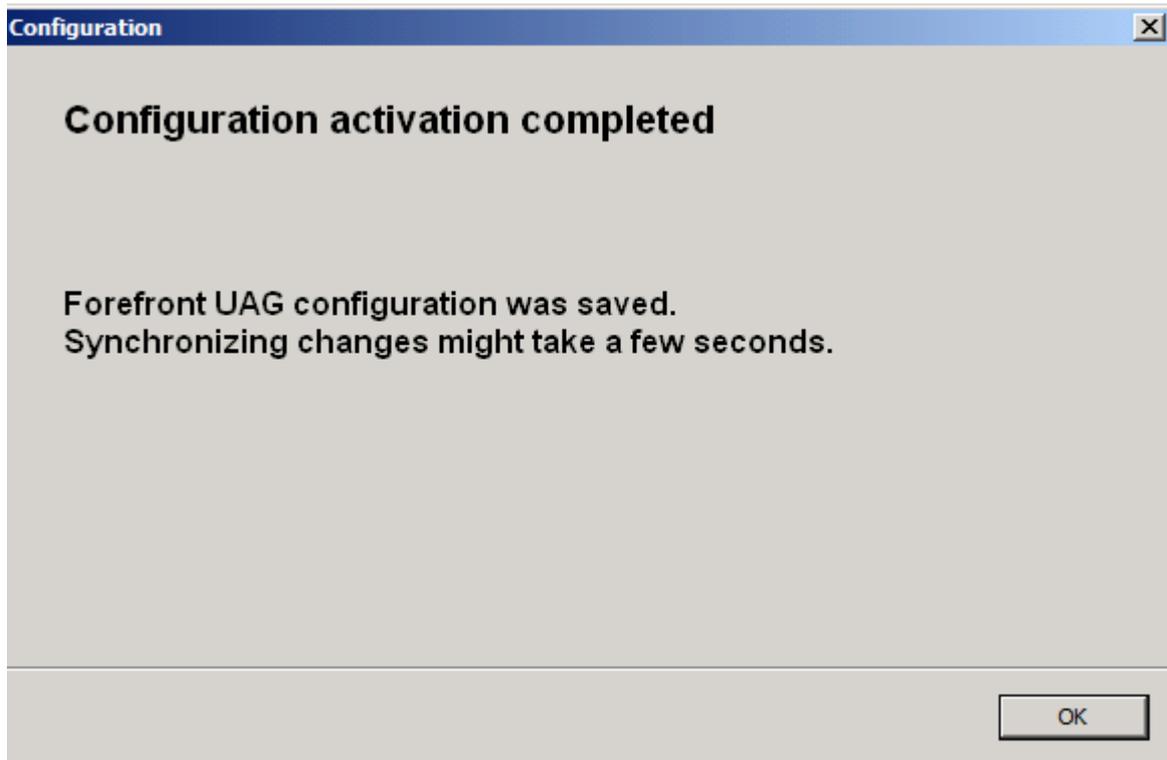
URL Manipulation



URL Sets



Konfiguration speichern



Jetzt wo der Trunk aktiviert ist, sieht man(n) auch was im Monitor

Microsoft Forefront Unified Access Gateway Beta - Web Monitor - Windows Internet Explorer

http://localhost:50002/

Web Monitor

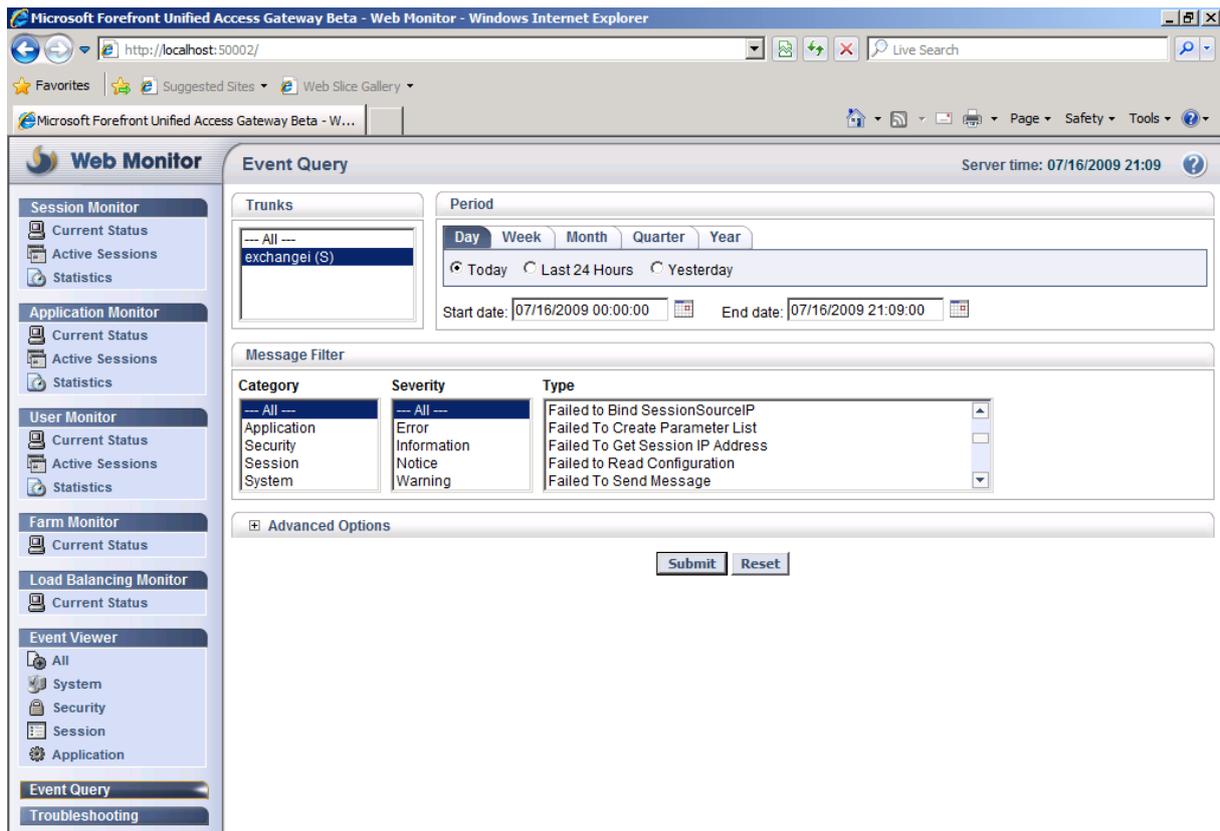
Session Monitor - Current Status Server time: 07/16/2009 21:08

Unable to display chart.
JVM (Java Virtual Machine) is either not installed on your computer, or is not enabled.
Please make sure that the JVM is properly installed and enabled.

Trunk Name	Authenticated Sessions	Unauthenticated Sessions	Total Sessions
exchange1 (S)	0	0	0
All Trunks	0	0	0

Done Local intranet | Protected Mode: Off 100%

Event Queries ohne Ende



So, erster Ueberblick, am Wochenende wenn ich zuhause bin, wird die UAG VM in meine Produktivumgebung gehaengt.