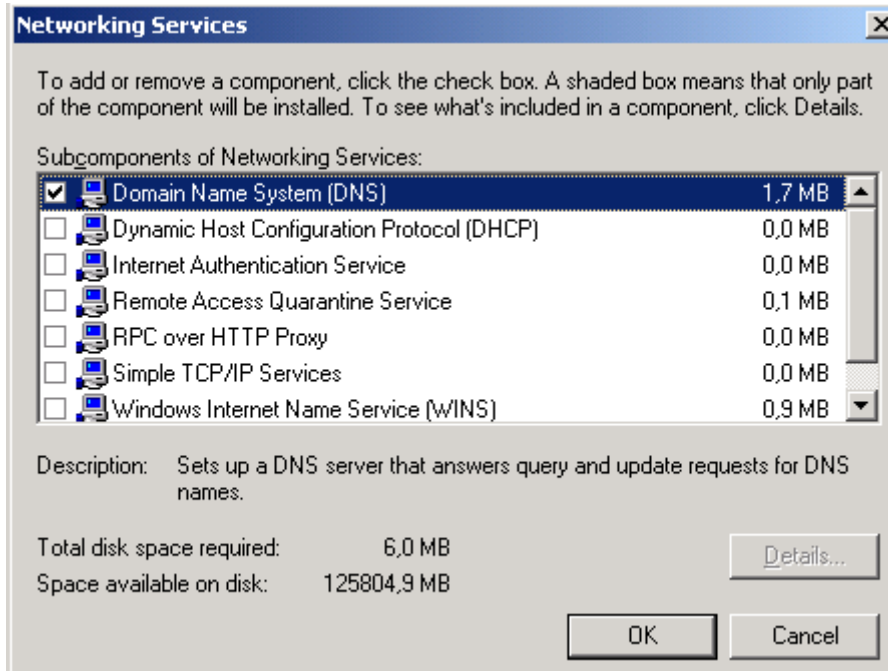


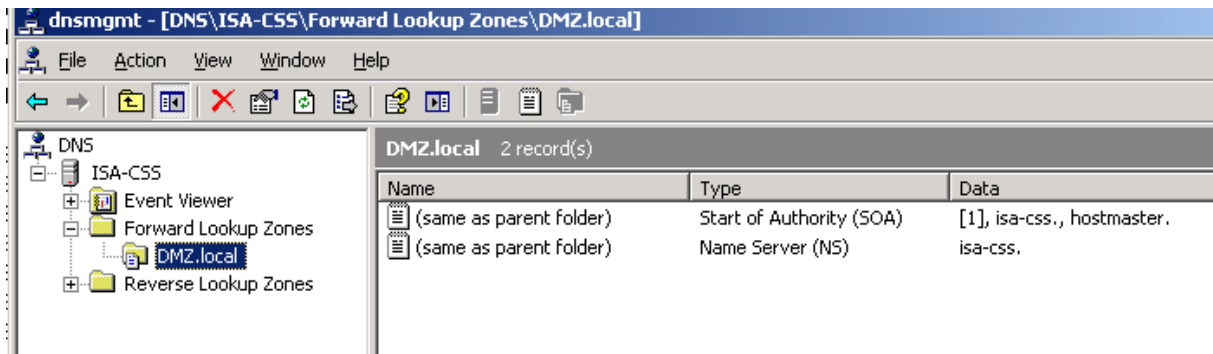
ISA Server 2006 EE Workgroup Szenario

CSS installieren

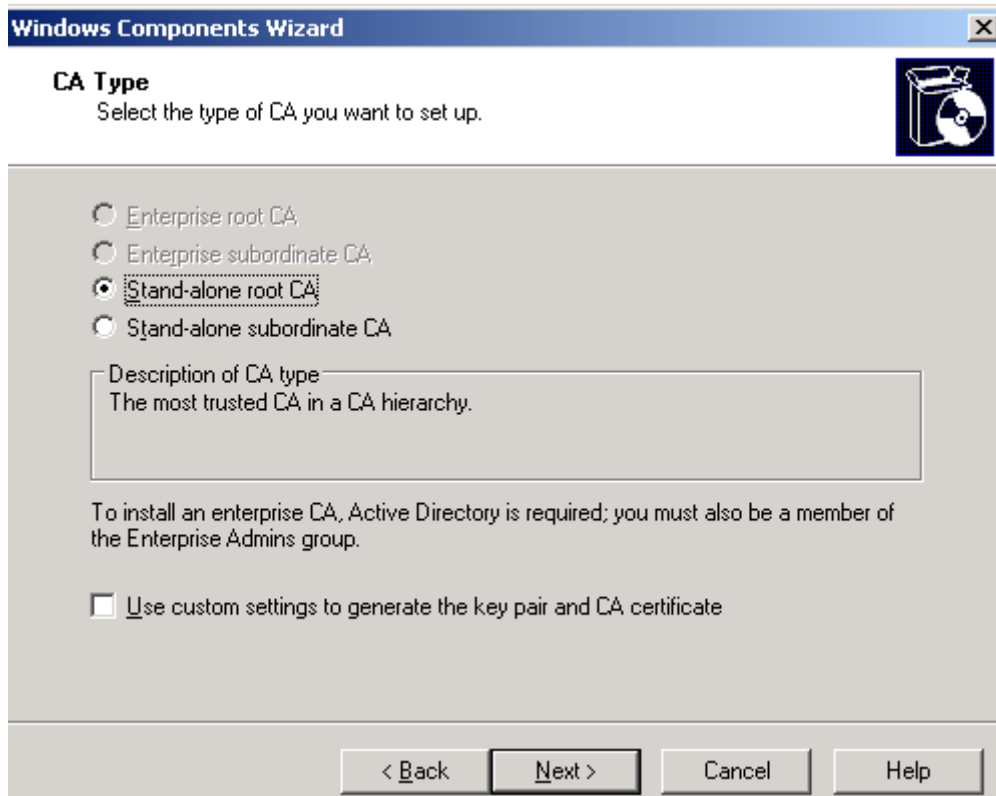
DNS Dienst



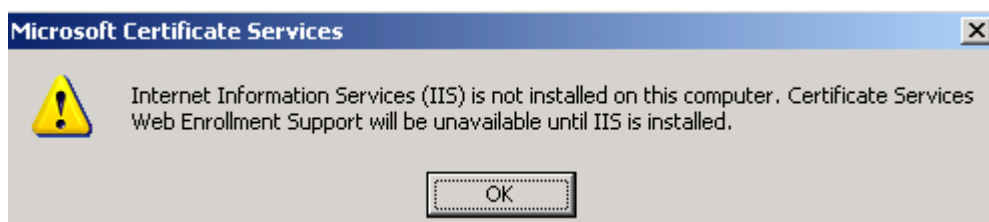
Neue FLZ anlegen



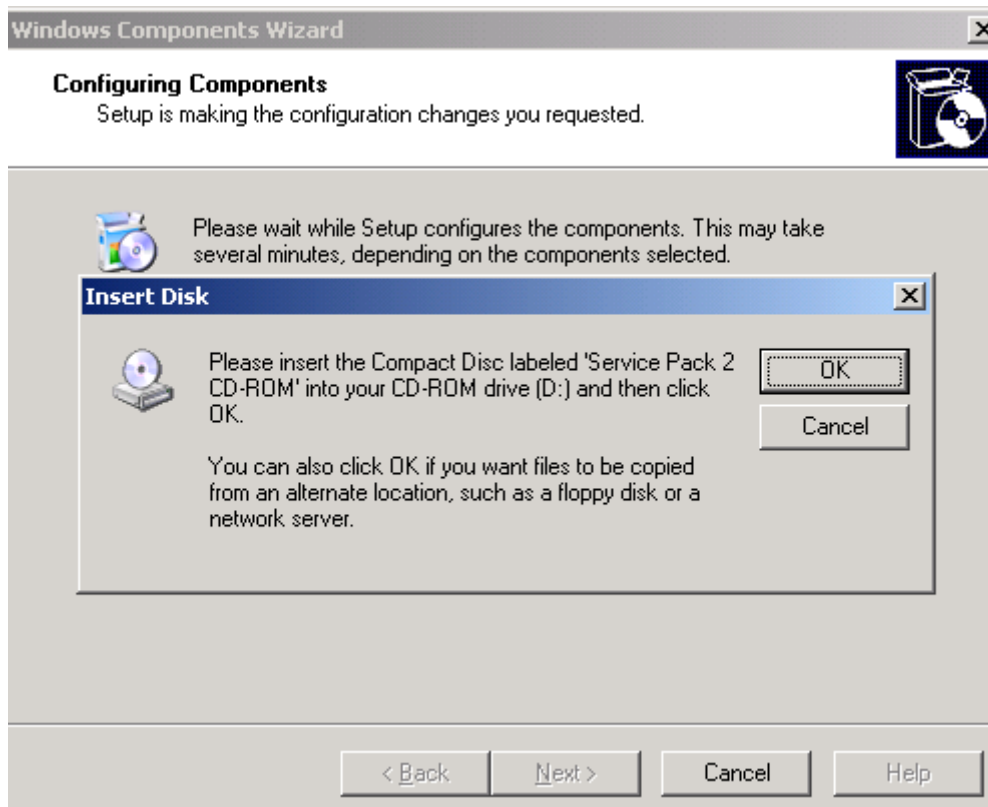
CA Dienste installieren



Mist Webenrollment vergessen



IIS nachinstallieren



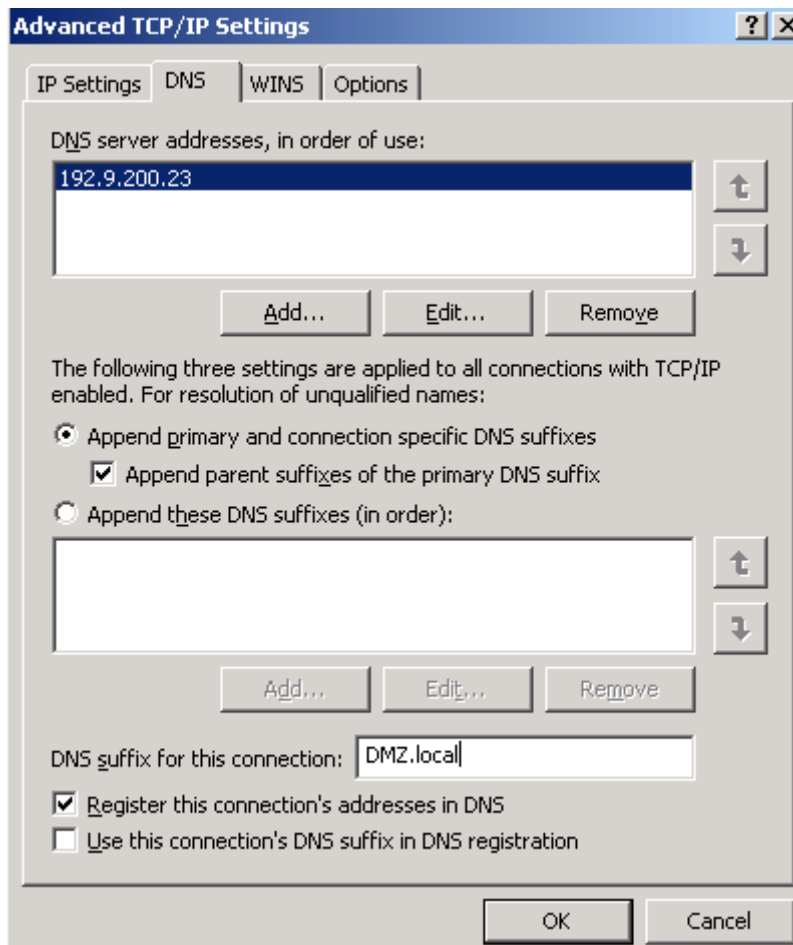
Webkomponenten nachinstallieren

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 5.2.3790]
(C) Copyright 1985-2003 Microsoft Corp.

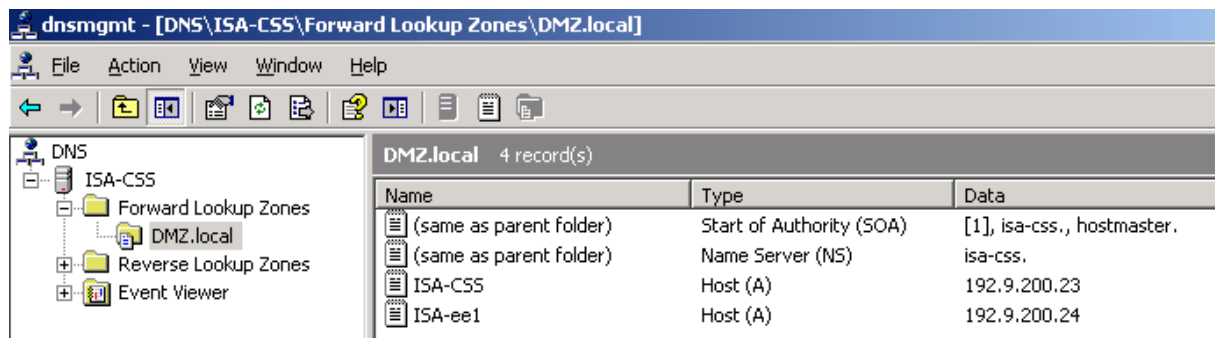
C:\Documents and Settings\Administrator>certutil -vroot
Web Virtual Root Created
Enabled Active Server Pages (ASP)
File Share Created
CertUtil: -vroot command completed successfully.

C:\Documents and Settings\Administrator>
```

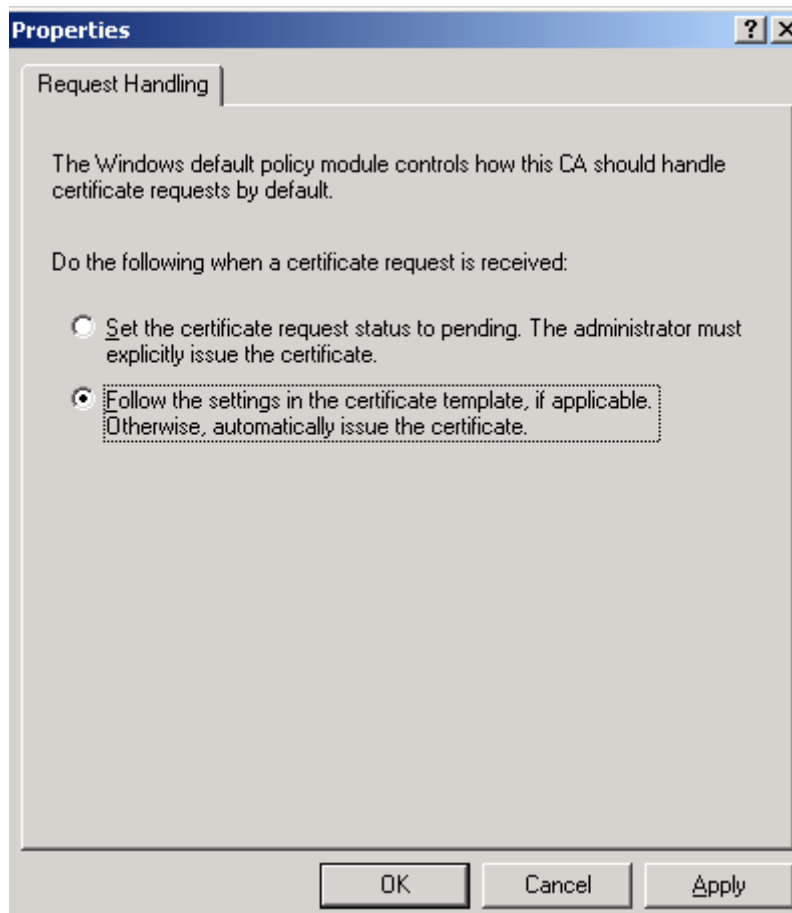
DNS Suffix auf CSS und ISA Array Knoten konfigurieren



DNS Eintraege fuer CSS und ISA erstellen



CA Request Handling auf Automatisches Ausstellen aendern



Zertifikat auf den FQDN des CSS ausstellen

Export Moeglichkeit geben, Schluessel als exportiebra markieren

Microsoft Certificate Services - Windows Internet Explorer

http://isa-css/certsrv/certrqma.asp

File Edit View Favorites Tools Help

★ Favorites ★ Suggested Sites Free Hotmail Web Slice Gallery

Microsoft Certificate Services

Stores the certificate in the local computer store instead of in the user's certificate store. Does not install the root CA's certificate. You must be an administrator to generate or use a key in the local machine store.

Additional Options:

Request Format: CMC PKCS10

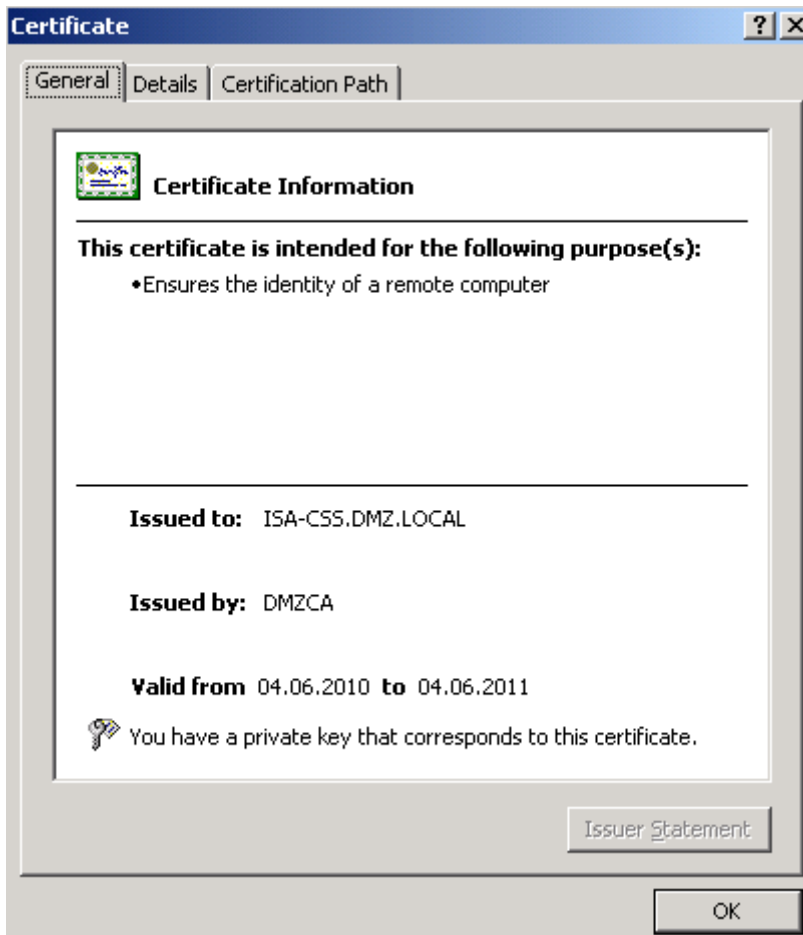
Hash Algorithm:
Only used to sign request.

Save request to a file

Attributes:

Friendly Name:

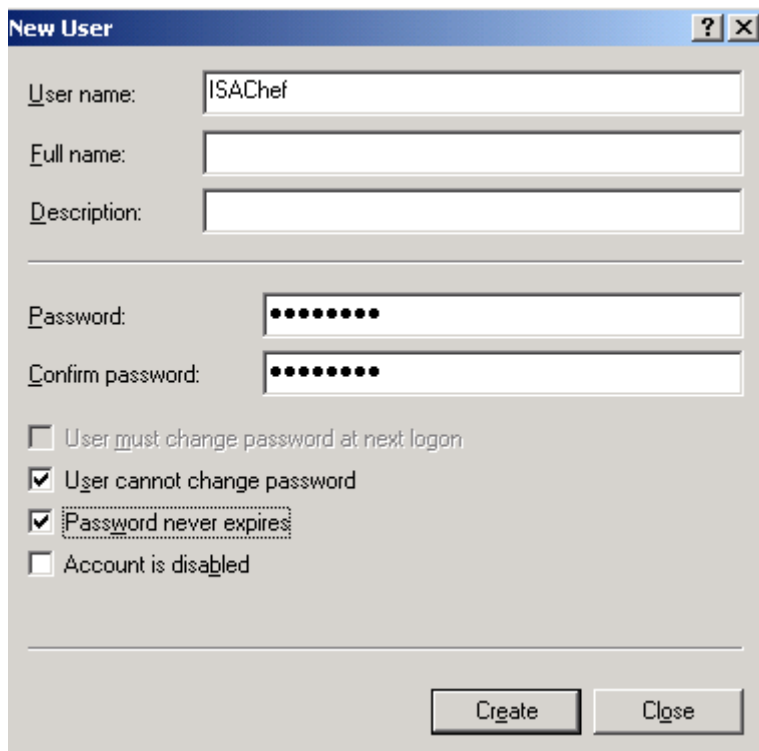
Da issues



Zertifikat als .PFX exportieren, wird spaeter am CSS gebraucht
DMZCA Zertifikat exportieren und auf den ISA Notes importieren



Auf dem CSS und allen ISA Knoten einen IDENTISCHEN lokalen User mit Admin Rechten anlegen, der von ISA als Service Account verwendet wird. Kennwort nicht ablaufen lassen



New User [?] [X]

User name: ISAChef

Full name: []

Description: []

Password: []

Confirm password: []

User must change password at next logon

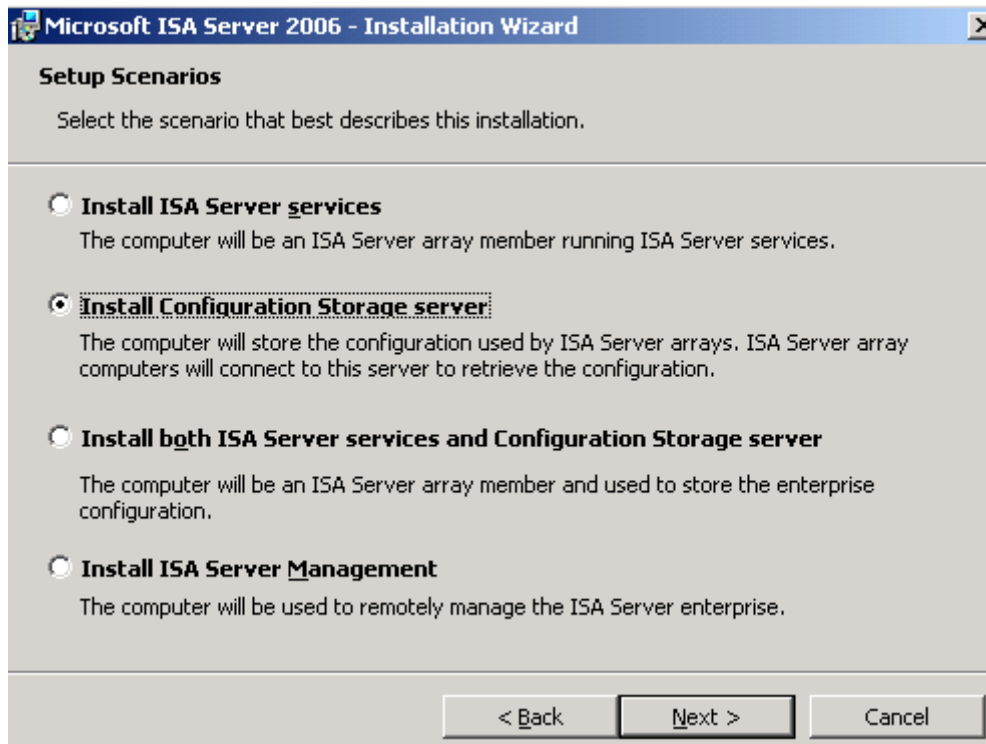
User cannot change password

Password never expires

Account is disabled

[Create] [Close]

ISA CSS installieren



Microsoft ISA Server 2006 - Installation Wizard [X]

Setup Scenarios

Select the scenario that best describes this installation.

Install ISA Server services
The computer will be an ISA Server array member running ISA Server services.

Install Configuration Storage server
The computer will store the configuration used by ISA Server arrays. ISA Server array computers will connect to this server to retrieve the configuration.

Install both ISA Server services and Configuration Storage server
The computer will be an ISA Server array member and used to store the enterprise configuration.

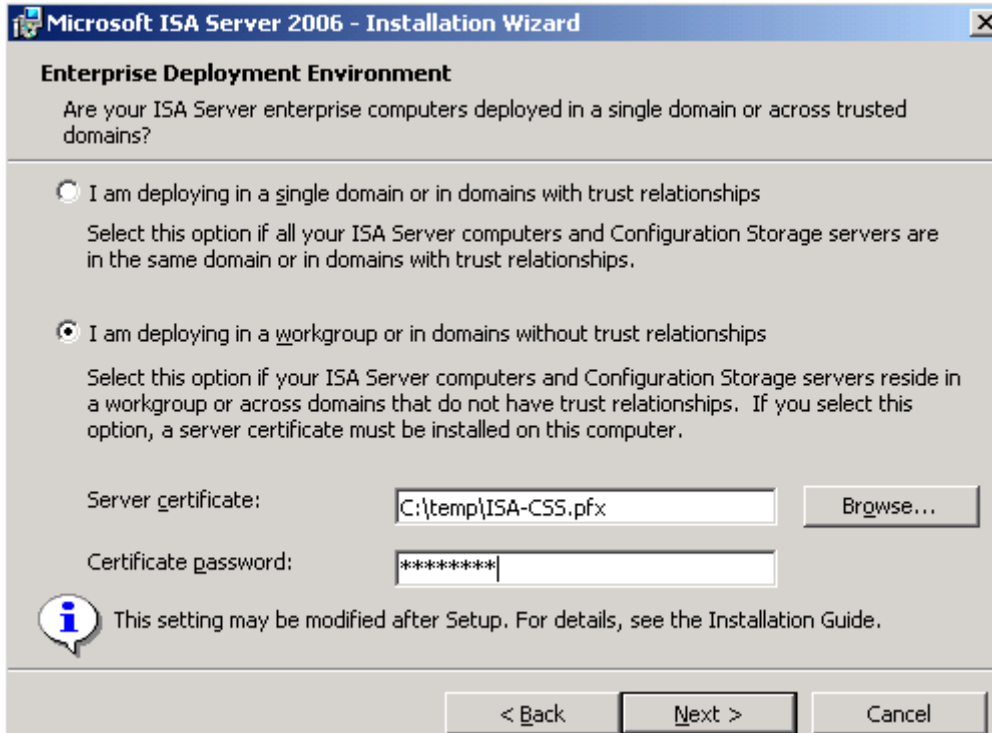
Install ISA Server Management
The computer will be used to remotely manage the ISA Server enterprise.

[< Back] [Next >] [Cancel]

Neues ISA Enterprise erstellen

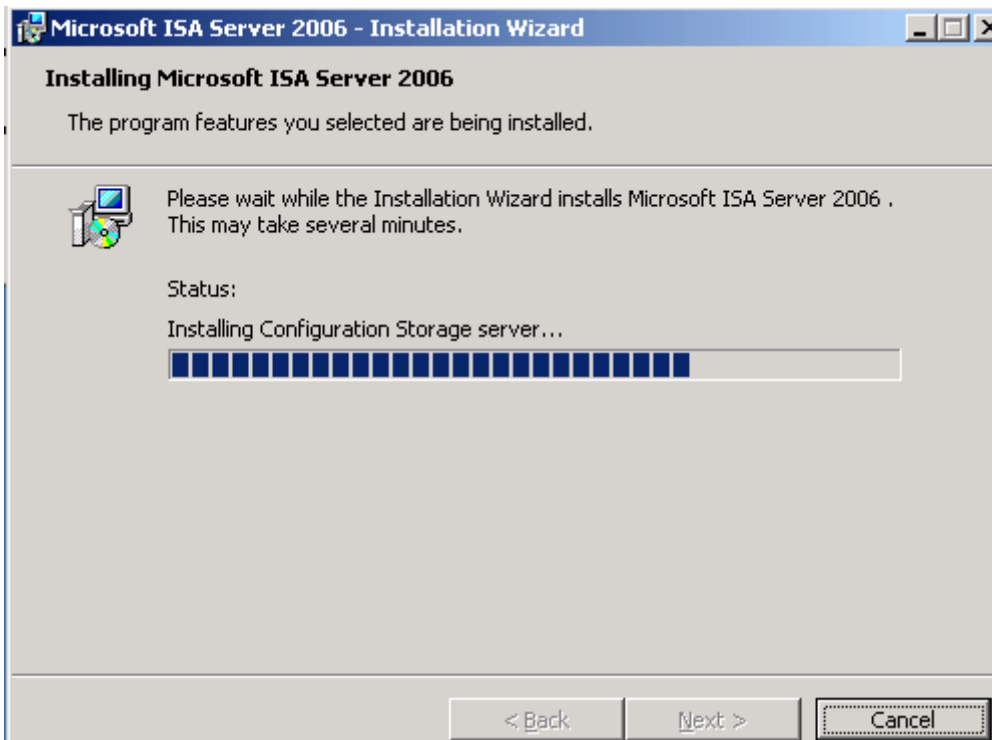
Enterprise Namen vergeben

Workgroup Deployment – Cert angeben

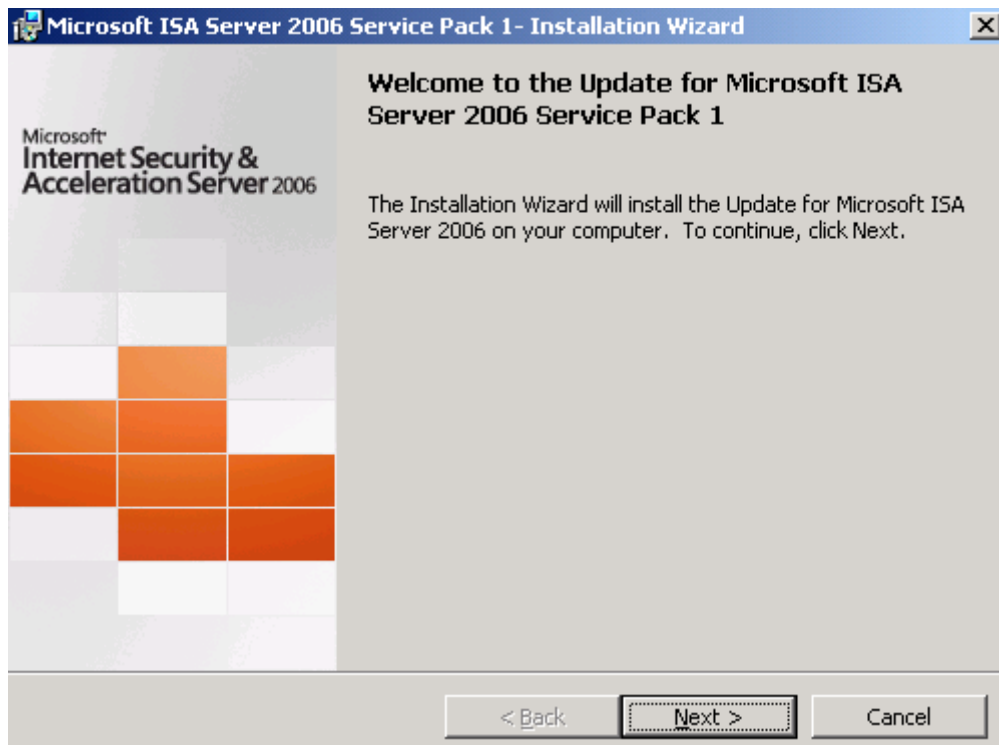


Installation

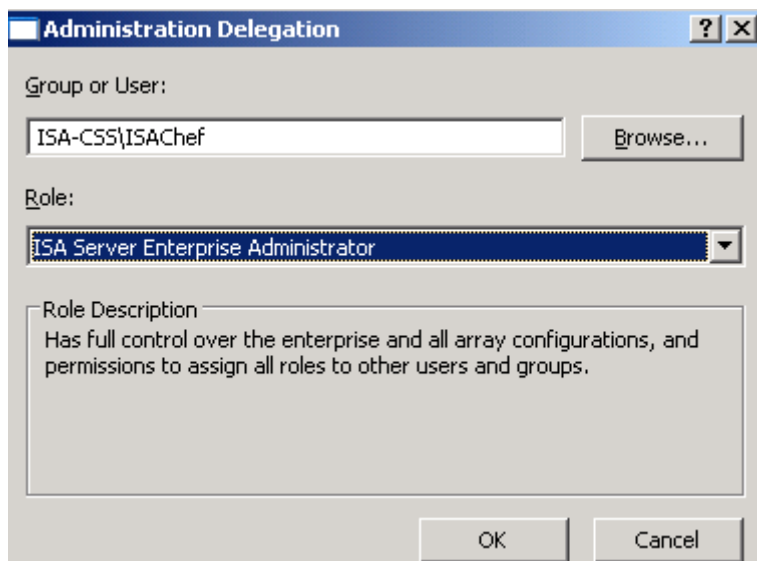
Nach Einlegen der CD von Windows Server 2003 R2 wird AD/AM installiert, welches der CSS benötigt



ISA 2006 SP1 auf CSS installieren



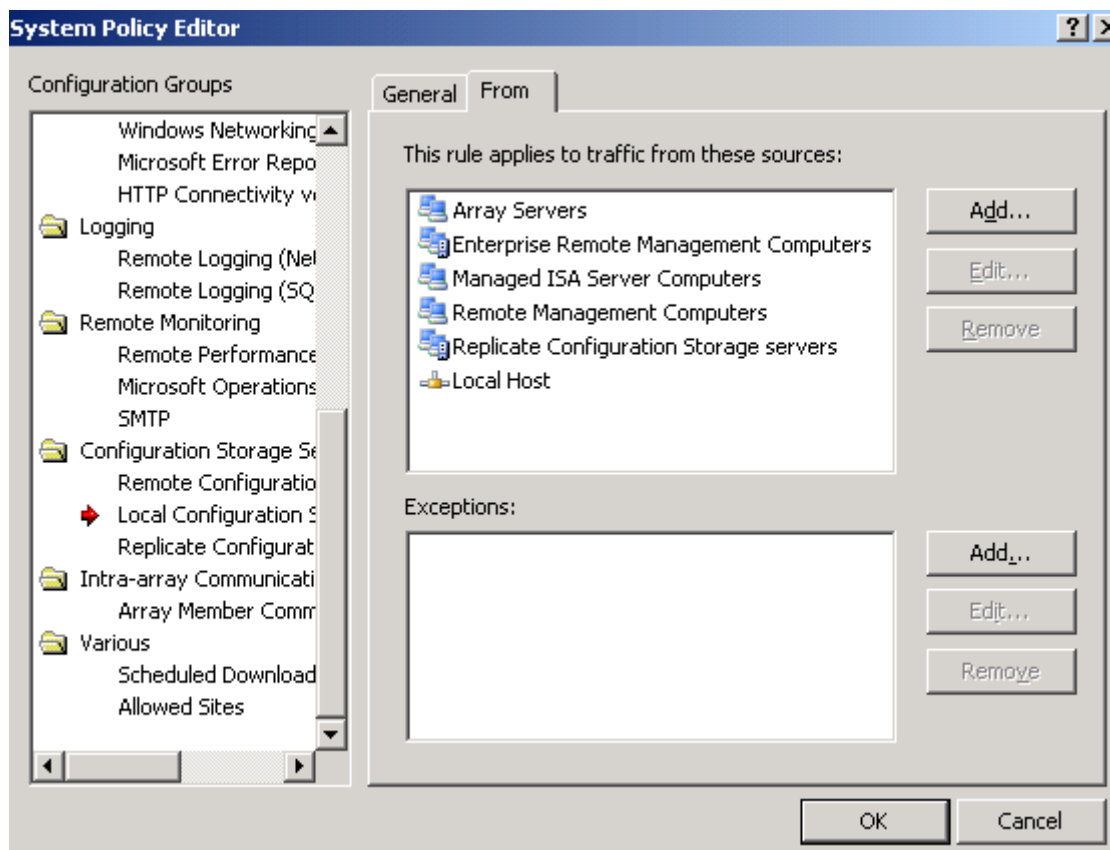
ISA CSS Account auf Array und Enterprise Ebene berechtigen

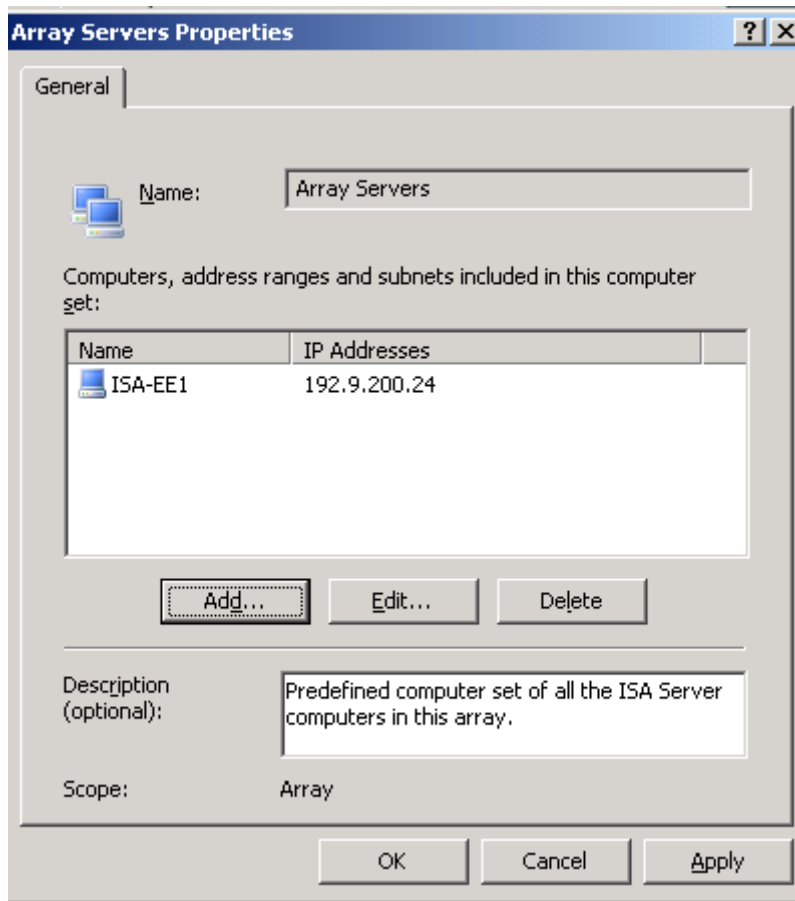


DNS Namen angeben und entsprechende DNS Eintraege erstellen (fuer die VIP des ISA EE Array NLB)

ISA-ee1	Host (A)	192.9.200.24
ISA-DMZ-Array	Host (A)	192.9.200.222

System Policy Rule Zugriff fuer die ISA Nodes auf den CSS geben





ISA 2006 auf ISA EE Array Mitgliedern installieren

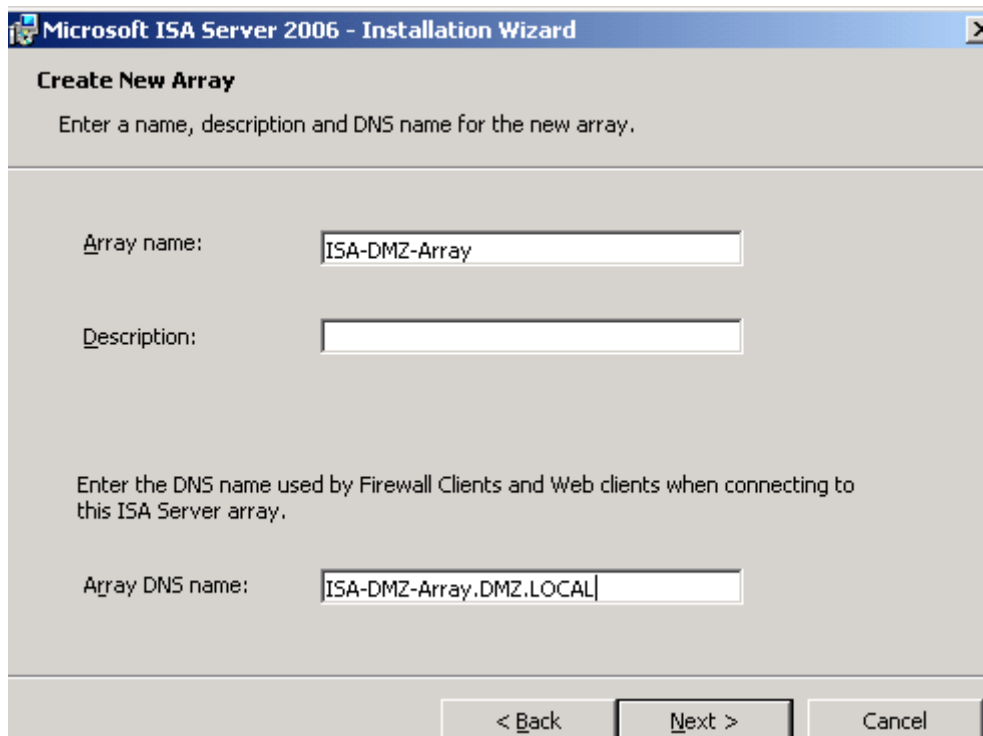


CSS auswählen

The screenshot shows the 'Locate Configuration Storage Server' dialog box in the Microsoft ISA Server 2006 - Installation Wizard. The title bar reads 'Microsoft ISA Server 2006 - Installation Wizard'. The main heading is 'Locate Configuration Storage Server'. Below the heading, it says 'Specify the Configuration Storage server and the credentials for connecting to the server.' The dialog is divided into two main sections. The first section is for the server address, with the label 'Configuration Storage server (type the FQDN):'. A text box contains 'ISA-CSS.DMZ.LOCAL' and a 'Browse...' button is to its right. The second section is titled 'Connection Credentials' and contains two radio button options. The first option is 'Connect using the credentials of the logged on user' and is unselected. The second option is 'Connect using this account:' and is selected. Below this, there are two text boxes: 'User name:' containing 'ISAChef' and 'Password:' containing '*****'. At the bottom of the dialog, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Neues Array erstellen

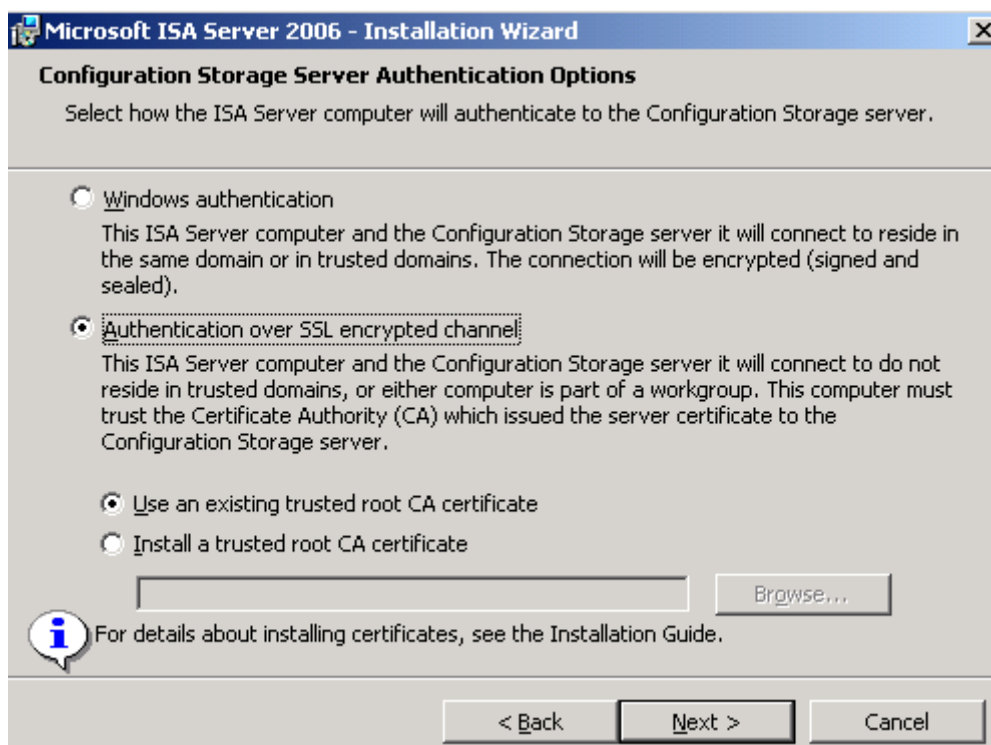
The screenshot shows the 'Array Membership' dialog box in the Microsoft ISA Server 2006 - Installation Wizard. The title bar reads 'Microsoft ISA Server 2006 - Installation Wizard'. The main heading is 'Array Membership'. Below the heading, it says 'Select the array membership for this ISA Server computer.' The dialog is divided into two main sections. The first section is 'Create a new array', which is selected with a radio button. Below this heading, it says 'Create a new array and add this ISA Server computer to that array. To create an array, you must have ISA Server Enterprise Administrator privileges.' The second section is 'Join an existing array', which is unselected. Below this heading, it says 'Add this ISA Server computer to an existing ISA Server array. To join an existing array, you must have ISA Server Array Administrator privileges.' At the bottom of the dialog, there are three buttons: '< Back', 'Next >', and 'Cancel'.



DNS Eintrag erstellen fuer die NLB VIP der ISA Array Knoten

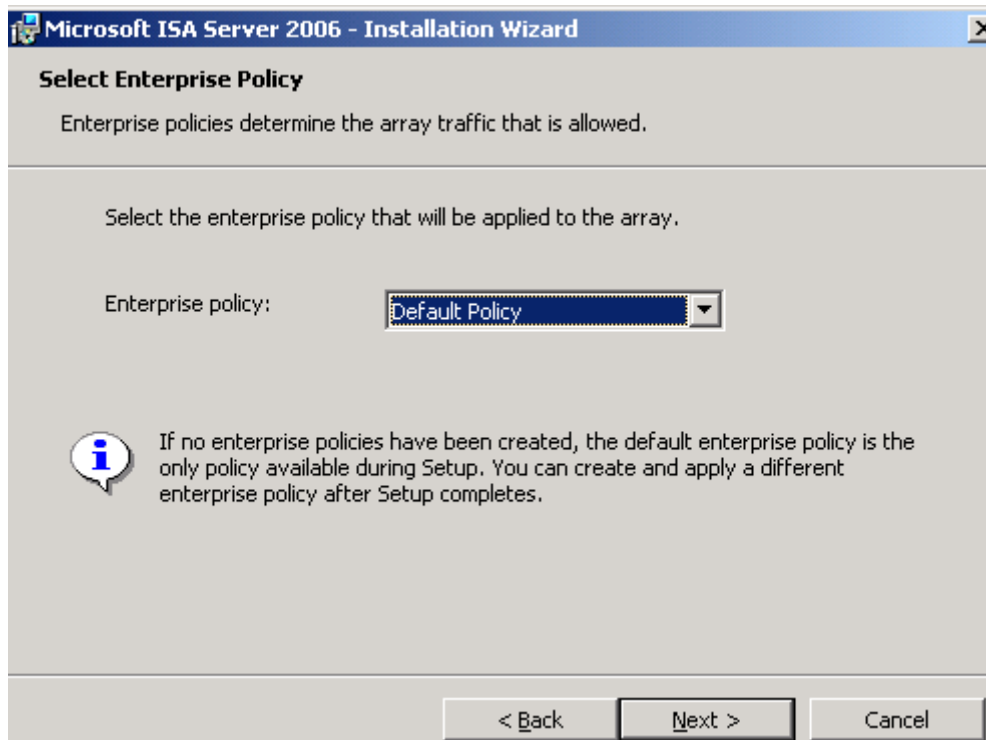
ISA-CSS	Host (A)	192.9.200.23
ISA-DMZ-Array	Host (A)	192.9.200.222
ISA-ee1	Host (A)	192.9.200.24

Auth. ueber SSL



Interne IP-Bereiche angeben

Enterprise Policy auswaehlen



Installieren

SP1 installieren

Danach ist das Array auf Zertauth eingestellt

ISA-DMZ-Array Properties [?] [X]

General	Policy Settings	
Intra-Array Credentials	Assign Roles	Customer Feedback
Configuration Storage	Published Configuration Storage	


Specify the Configuration Storage server used to store the array configuration. When the specified server is unavailable, the alternate server will be used.

Configuration Storage server (enter the FQDN):

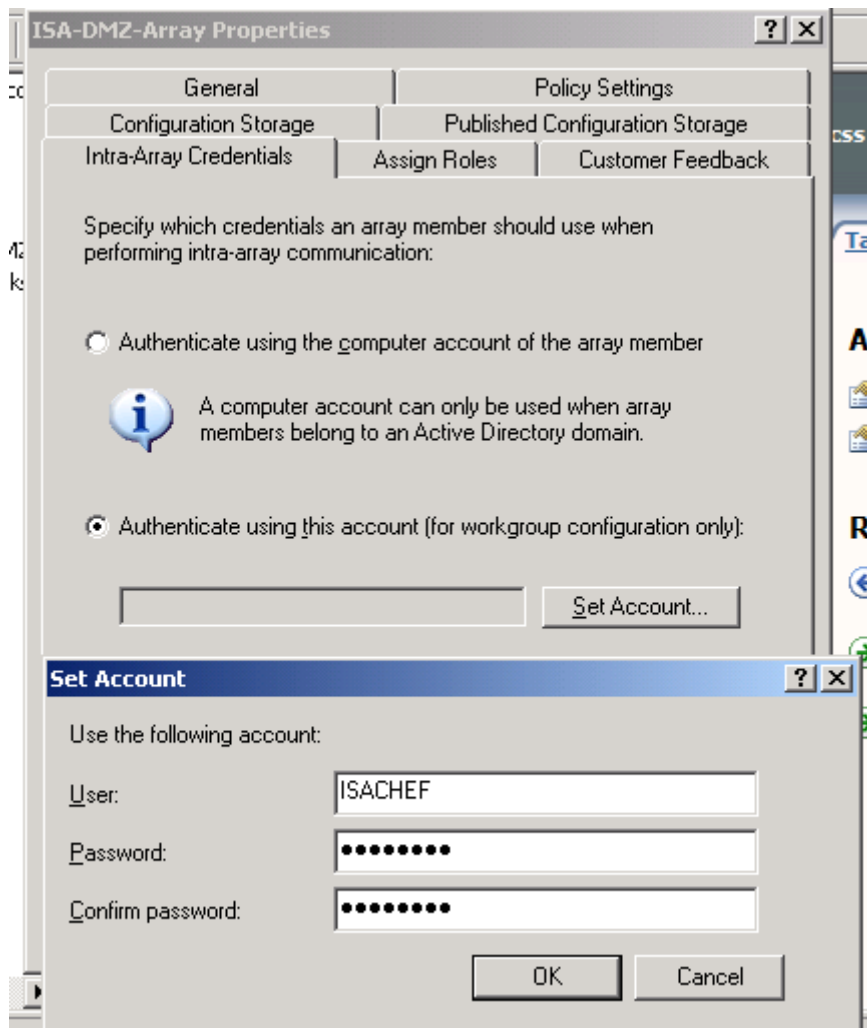
Alternate Configuration Storage server (optional):

Check the Configuration Storage server for updates every:

Select the authentication type used for connections between ISA Server and the Configuration Storage server:

 To save these settings, this computer must be able to connect to the specified Configuration Storage servers.

Authentifizierung auf dedizierten Account umstellen



Array Auth. auf Zertifikate umstellen

ISA-DMZ-Array Properties [?] [X]

Intra-Array Credentials | Assign Roles | Customer Feedback

General | Policy Settings

Configuration Storage | Published Configuration Storage


Specify the Configuration Storage server used to store the array configuration. When the specified server is unavailable, the alternate server will be used.

Configuration Storage server (enter the FQDN):

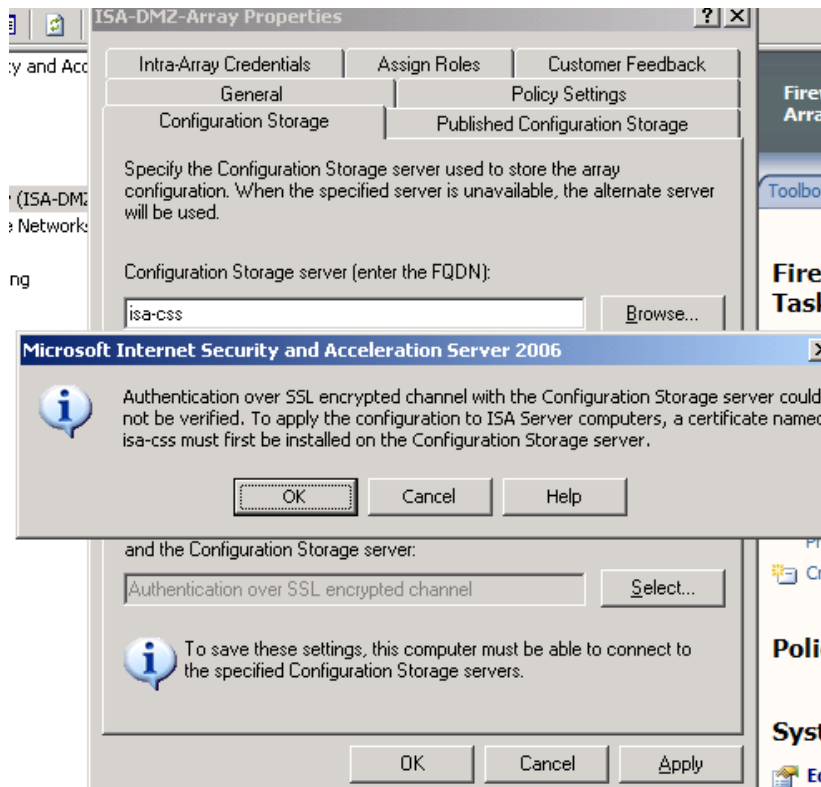
Alternate Configuration Storage server (optional):

Check the Configuration Storage server for updates every:

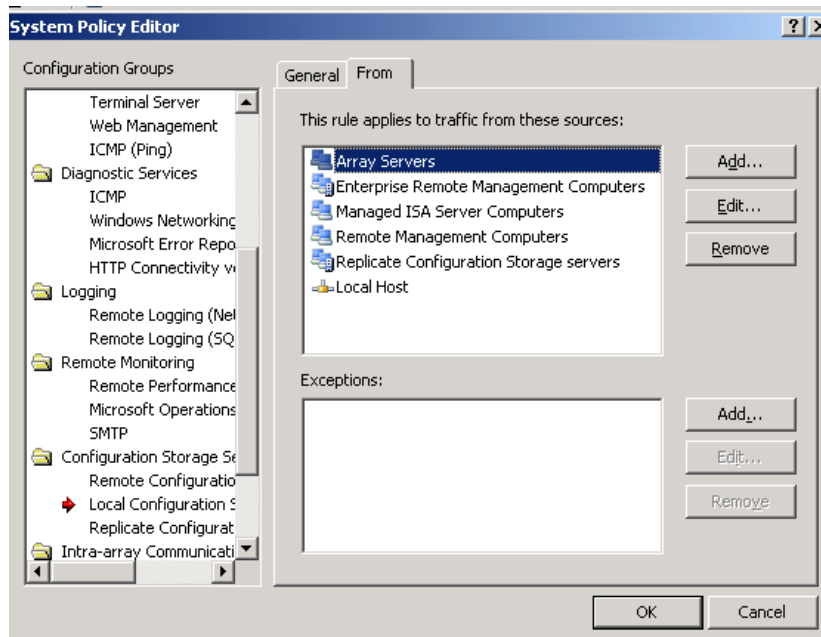
Select the authentication type used for connections between ISA Server and the Configuration Storage server:

 To save these settings, this computer must be able to connect to the specified Configuration Storage servers.

Wenn man von Windows auf SSL Auth umstellt, kann folgende Meldung kommen:
OK, Fehlermeldung, weil der Name des Certs auf den FQDN ausgestellt ist, im CSS
aber der NetBIOS Name eingetragen ist, also aendern



CSS Access fuer die ISA EE Array Nodes erlauben



Intraarray NIC und Namen angeben

The screenshot shows the 'Communication' tab of the 'isa-ee1 Properties' dialog box. It is divided into two sections: 'Intra-Array Communication' and 'Remote Communication'. The 'Intra-Array Communication' section has a label 'Use this IP address for communication between array members:' followed by a dropdown menu containing '192.9.200.24'. The 'Remote Communication' section has a label 'Specify the computer name or IP address used to get monitoring and other server specific information for this ISA Server when remotely managing the array.' Below this are two radio button options. The first is 'Use the full computer name:' with a text box containing 'isa-ee1'. The second is 'Use this IP address or computer name:' (which is selected) with a text box containing 'isa-ee1.dmz.local'. At the bottom of the dialog are 'OK', 'Cancel', and 'Apply' buttons. A blue hyperlink 'Help about array communications' is located at the bottom left of the dialog area.

isa-ee1 Properties [?] [X]

General | **CARP** | Communication

Intra-Array Communication
Use this IP address for communication between array members:
192.9.200.24

Remote Communication
Specify the computer name or IP address used to get monitoring and other server specific information for this ISA Server when remotely managing the array.

Use the full computer name:
isa-ee1

Use this IP address or computer name:
isa-ee1.dmz.local

[Help about array communications](#)

OK Cancel Apply