How to Setup Replication Between ISA Servers

1) Setting Up the Source ISA Server and WebFilter Machine

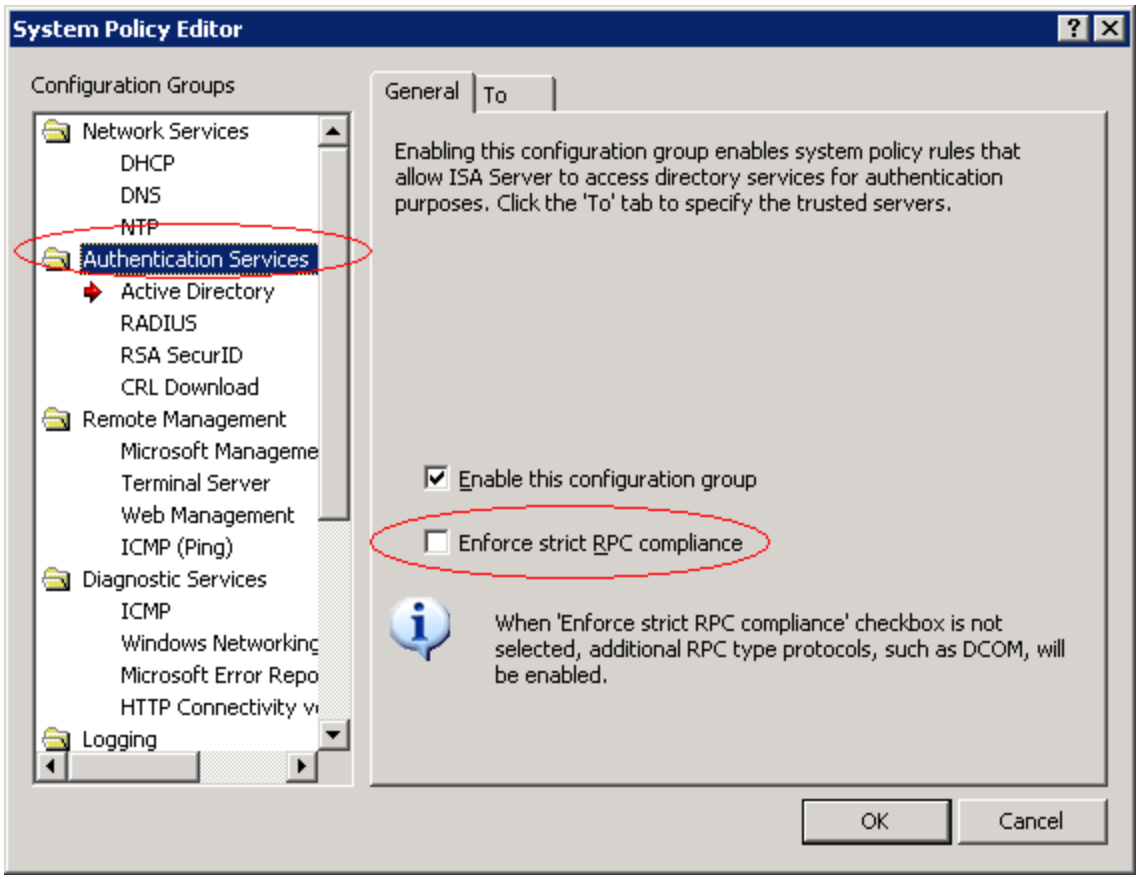
i) Launch the ISA Server console

ii) Right click on the Firewall Policy and select Edit System Policy

iii) Click the Authentication Services folder

iv) Un-Check the Enforce strict RPC compliance item

v) Click OK (There will be a delay of 5 -30 seconds before ISA becomes responsive)



vi) Click the Apply button to apply the changes

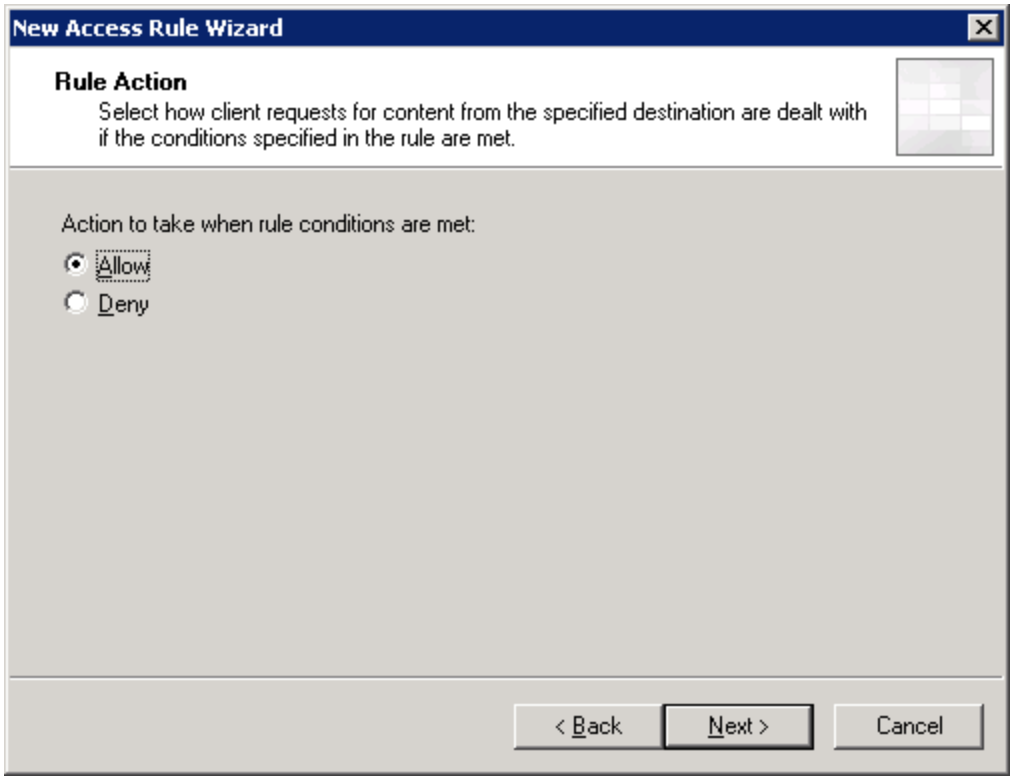
2) Setting up ISA to Allow Connections on The Static Port and the RPC All Interfaces Port

i) Launch the Microsoft ISA Management Console

ii) On the left hand pane select “Firewall Policy”, then click on the “Tasks” tab in the right hand Pane

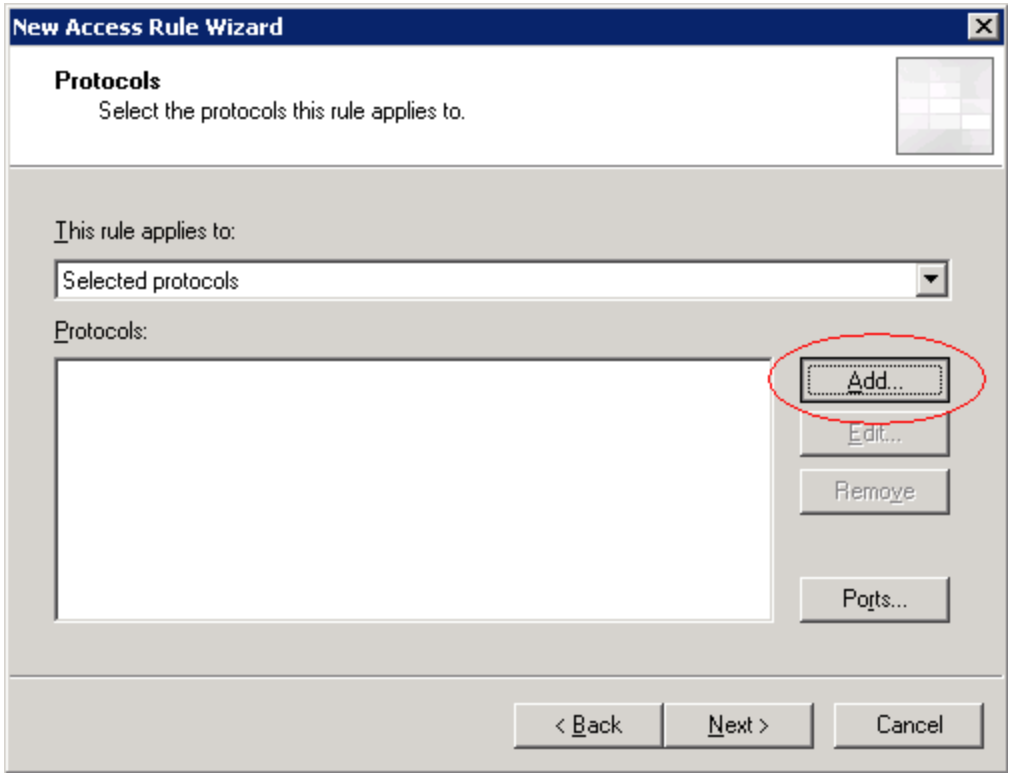
iii) Click on “Create Access Rule”, type in a name for the access rule, and then click Next

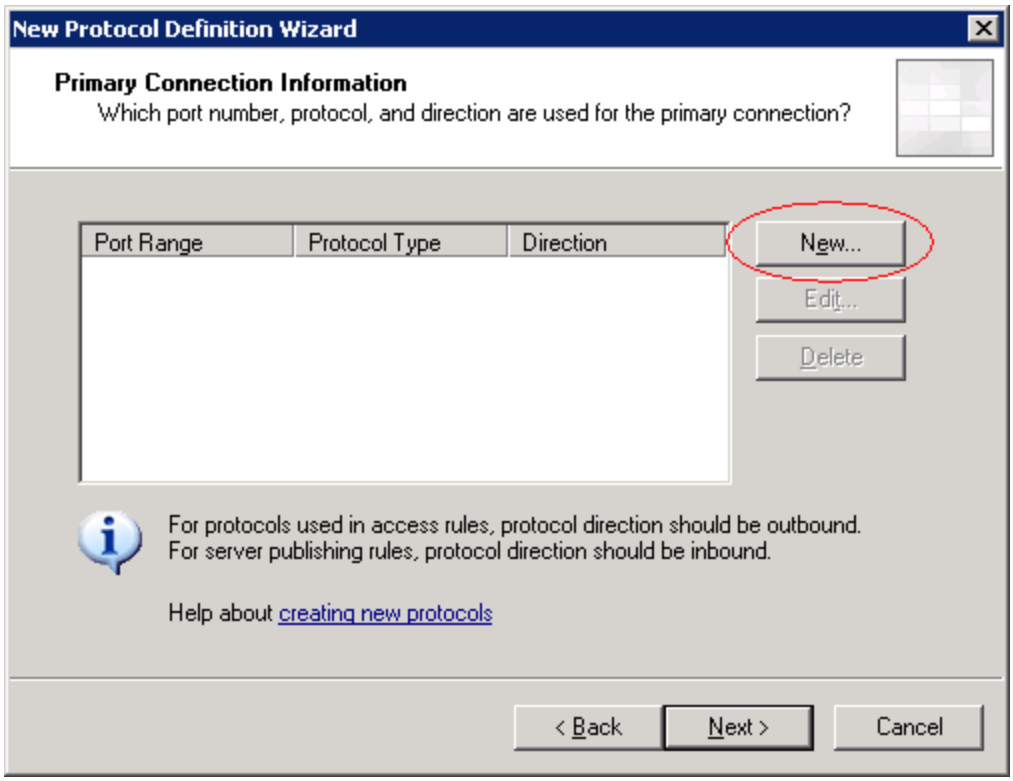
iv) Select “Allow” for the rule action and then click Next



v) In the protocols page, select the “drop down menu under this rule applies to” and select the Selected Protocols option.

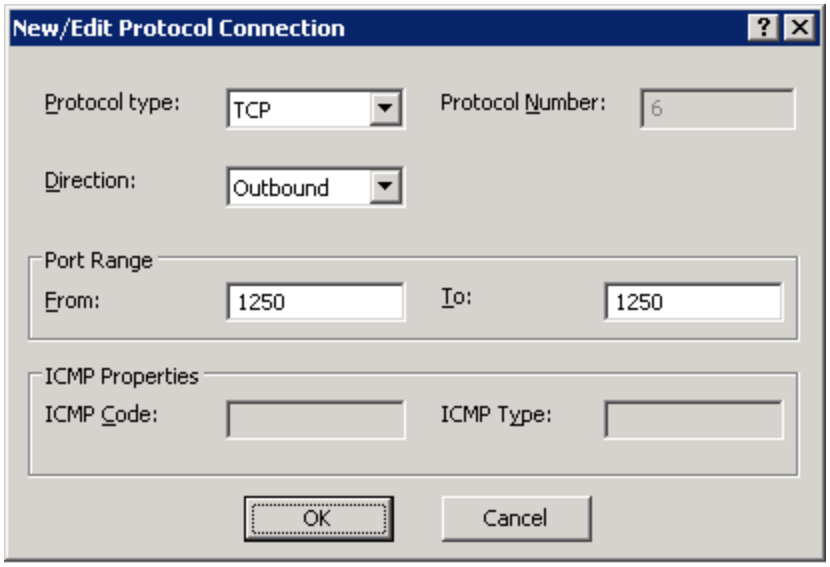
vi) Click the Add button to add a protocol and then select New>Protocol





vii) Type in a name for the protocol, then click the New button

viii) Select TCP for the protocol type and select Outbound for the direction



ix) Enter the static port number that you want to use for replication

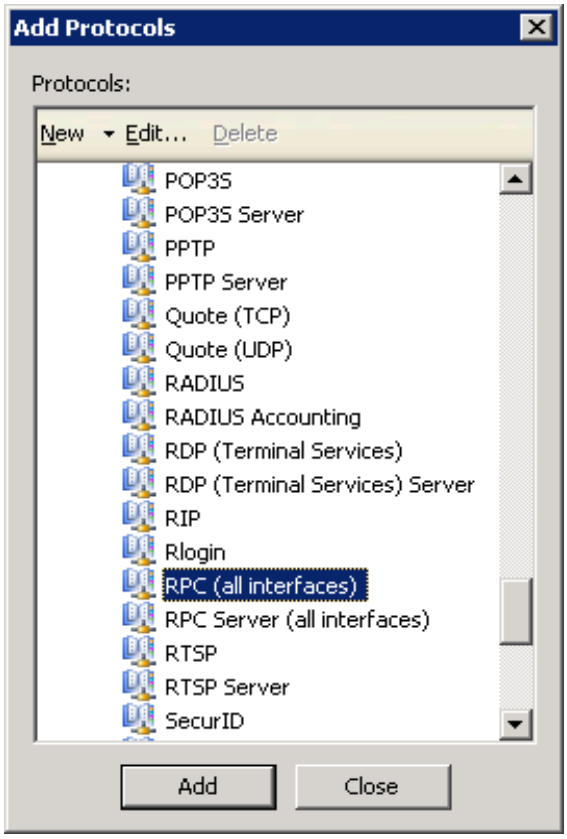
x) Click Ok, and then click Next

xi) Select No to using secondary connections > Next > Finish

xii) Now you should be returned to the Add protocols window

xiii) Click on the “+” next to the User Defined folder, select the protocol that you just created and click Add

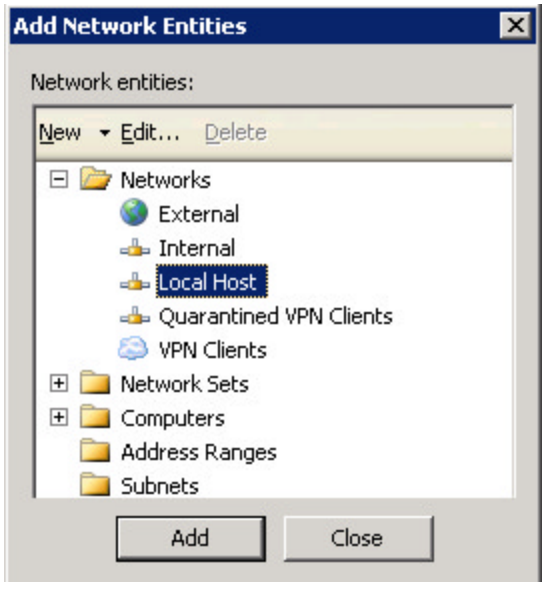
xiv) Click the “+” next to the All Protocols folder, select RPC (all interfaces) and click Add



xv) Click Close > Next

xvi) In the Access Rules Source screen (From Source), click the Add button

xvii) Click the “+” next to the networks folder and select Local Host > Add > Close > Next



xviii) In the Access Rules Destination screen (Applies to), click the Add button

xix) Click the “+” next to the networks folder and select Internal

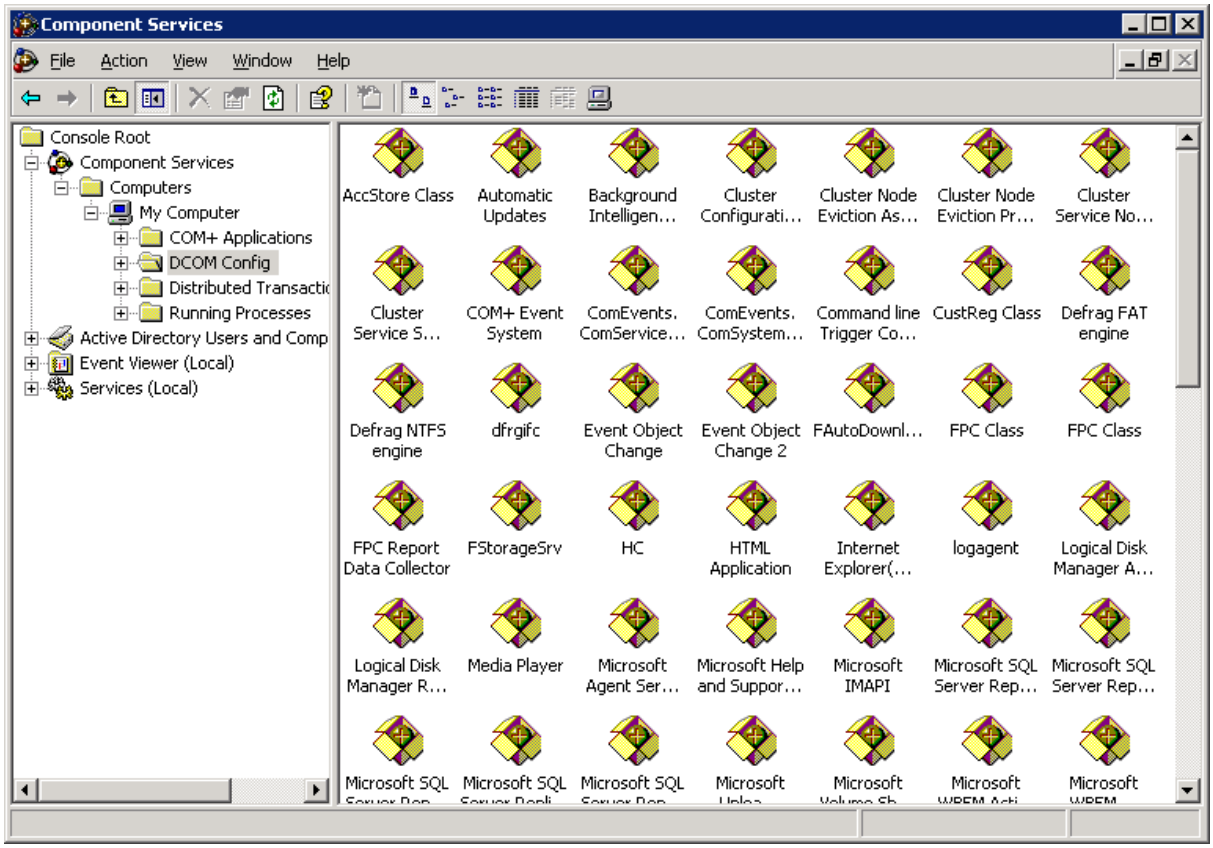
xx) Click Add >Close > Next
xxi) In the User sets screen, click the Next button
xxii) Click Finish
xxiii) You must Apply the changes you made in ISA for the rule to take effect

3) Entering a Domain Administrator Account into the FStorageSrv Service

i) Click Start > Control Panel > Administrative Tools > Services
ii) Locate the FStorageSrv Service, right click on it and select Properties
iii) Click the Log On tab, and click the This Account button
iv) Enter a Domain Adminstrator account with access privileges to the machine that you will be replicating to.
v) Click Apply > OK
vi) Restart the service to apply the changes
vii) We are now finished with the replication server. All of the following instructions will take place on the destination server (the ISA server you will be replicating to).

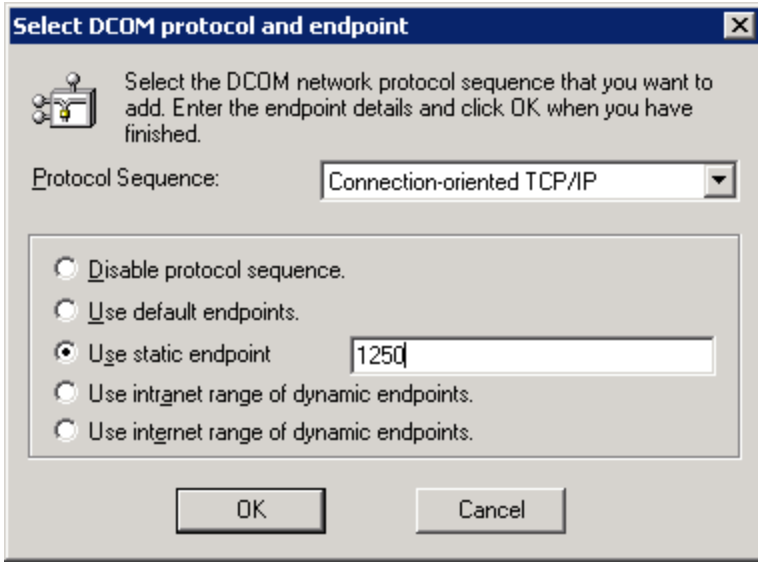
4) Setting Up a Static Port for Replication on the Destination Server

i) Click Start > Run and type dcomcnfg
ii) Click OK
iii) Click the + sign next to component services > Computers > My Computer
iv) Select My Computer and double click on the DCOM Config folder



v) Right click on the FStorageSrv item > Properties
vi) Click on the Endpoints tab > Add > Connection Oriented TCP/IP

vii) Select the Use Static Endpoint Button and enter the port number you selected for replication. (You previously set this port in step 2)



viii) Click OK > Apply > OK

ix) Close the Component Services Console

5) Repeat Step 1 From Above to Remove Strict RPC Compliance From the Destination ISA Server

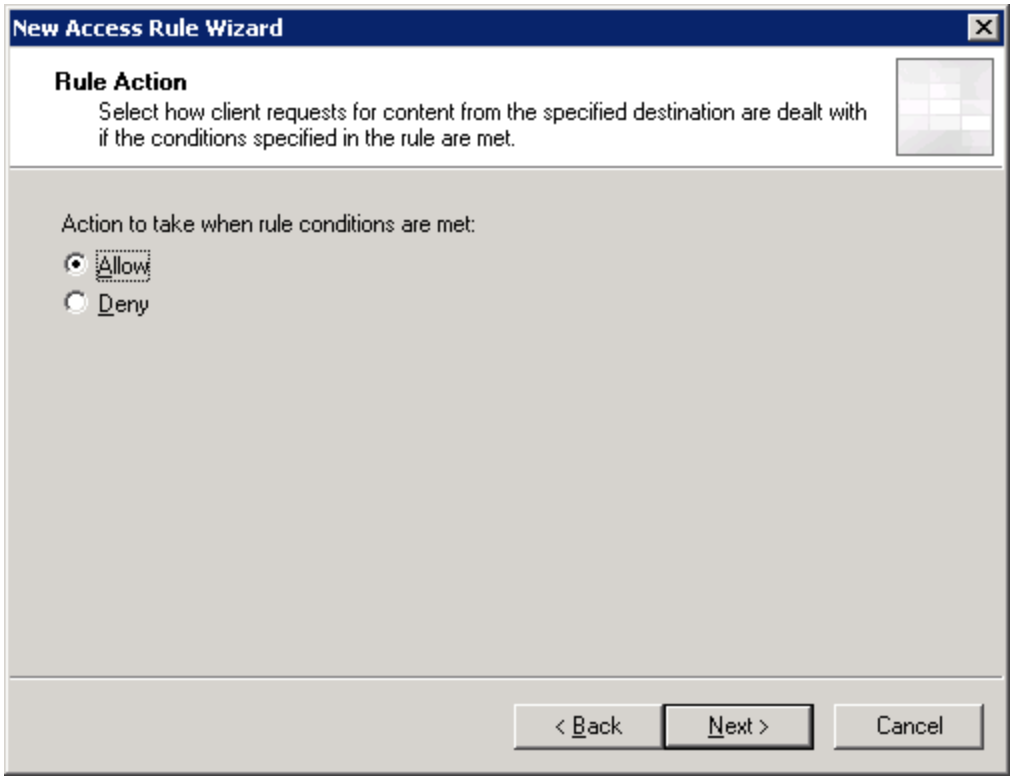
6) Setting up ISA to Allow Connections on The Static Port and the RPC All Interfaces Port on the Destination Server

i) Launch the Microsoft ISA Management Console

ii) On the left hand pane select “Firewall Policy”, then click on the “Tasks” tab in the right hand Pane

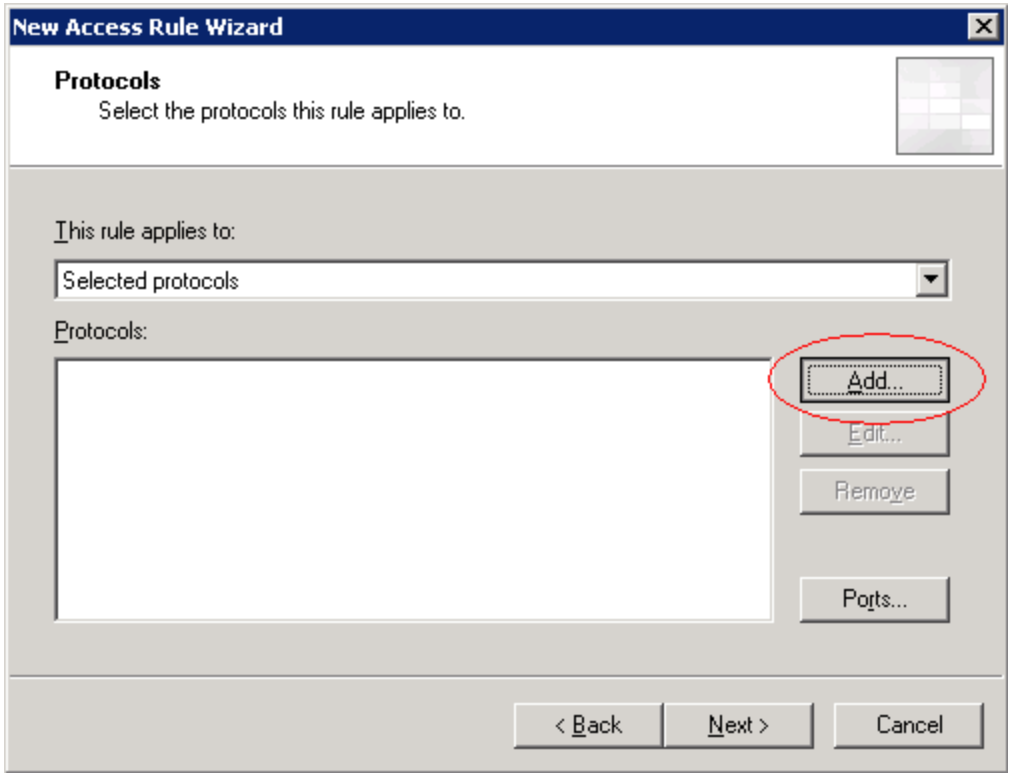
iii) Click on “Create Access Rule”, type in a name for the access rule, and then click Next

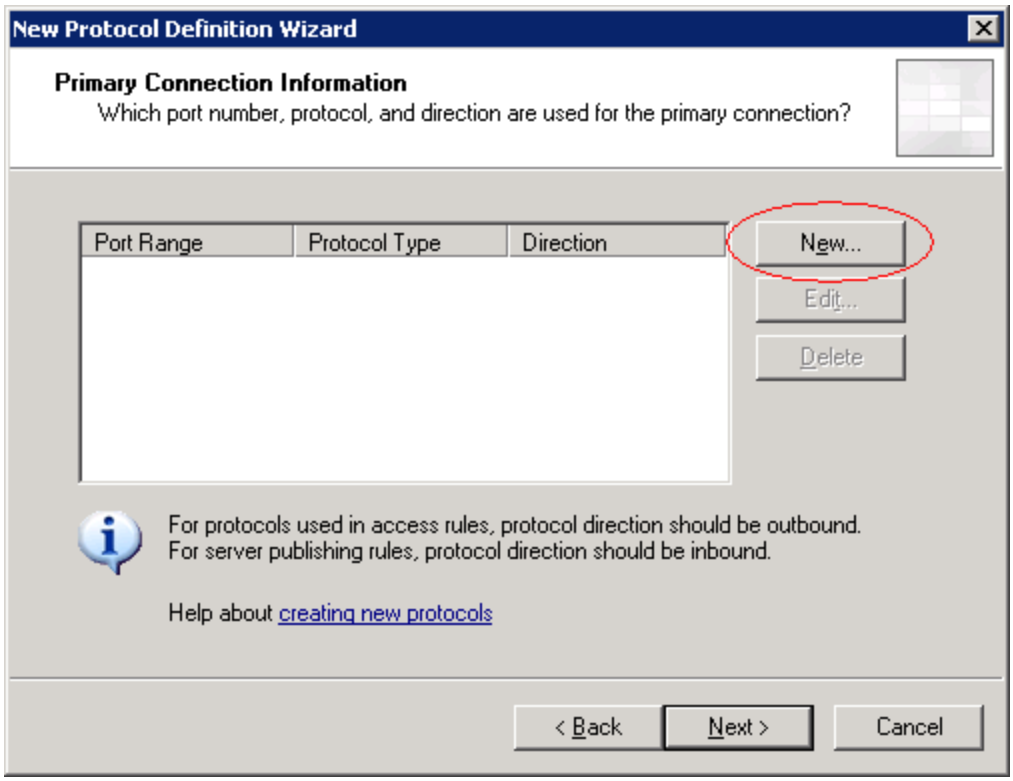
iv) Select “Allow” for the rule action and then click Next



v) In the protocols page, select the “drop down menu under this rule applies to” and select the Selected Protocols option.

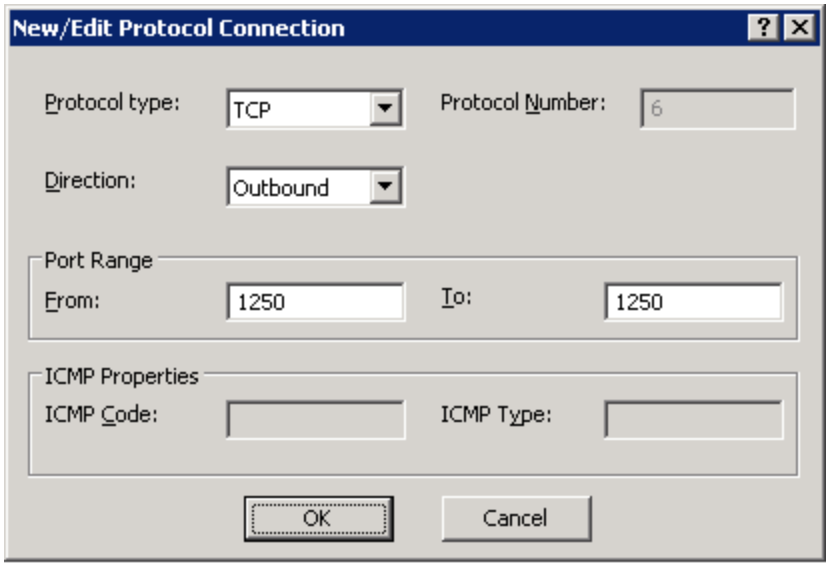
vi) Click the Add button to add a protocol and then select New>Protocol





vii) Type in a name for the protocol, then click the New button

viii) Select TCP for the protocol type and select Outbound for the direction



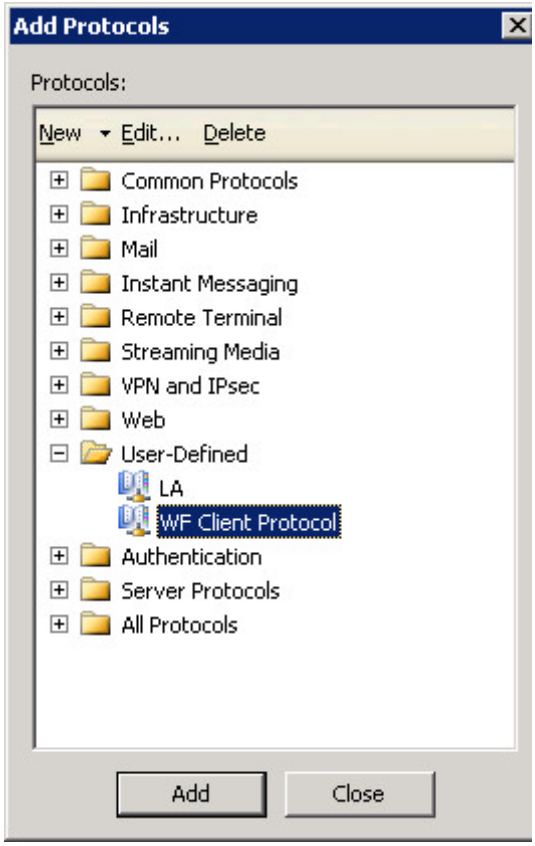
ix) Enter the static port number that you want to use for replication (use the same port that you set previously on the Replication server)

x) Click Ok, and then click Next

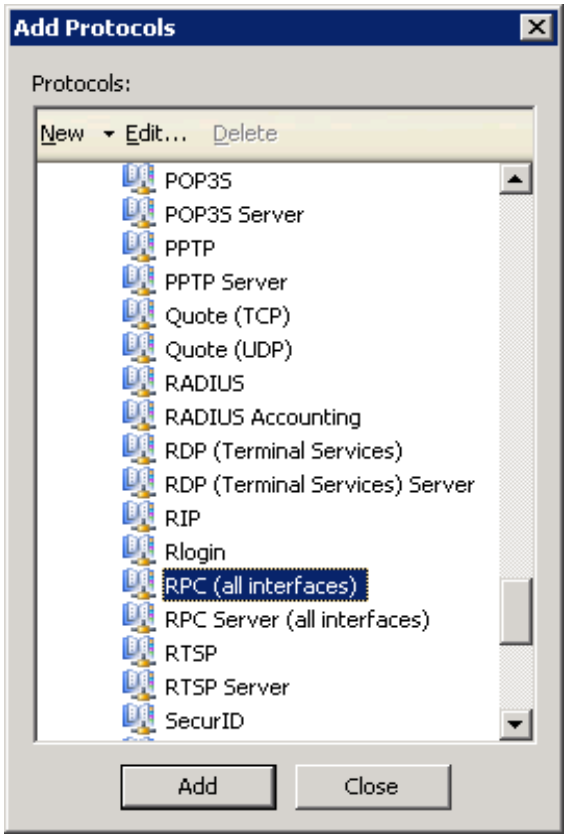
xi) Select No to using secondary connections > Next > Finish

xii) Now you should be returned to the Add protocols window

xiii) Click on the “+” next to the User Defined folder, select the protocol that you just created and click Add



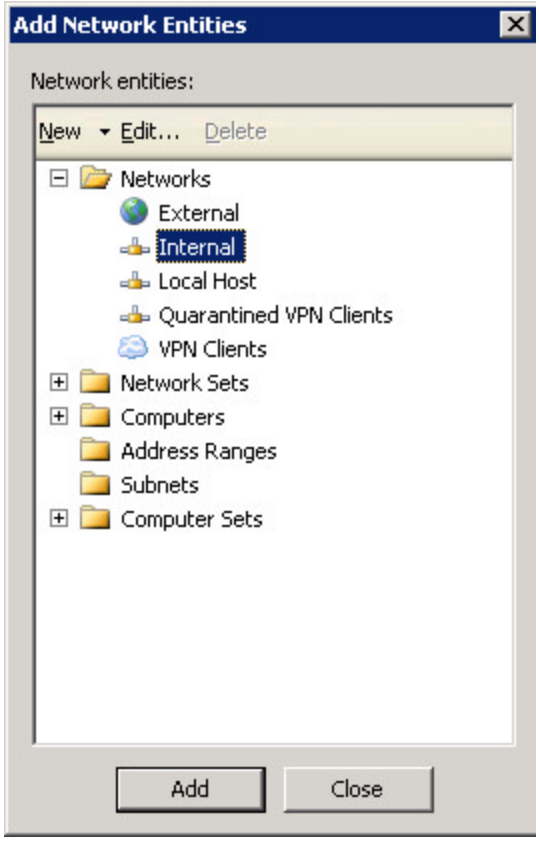
xiv) Click the “+” next to the All Protocols folder, select RPC (all interfaces) and click Add



xv) Click Close > Next

xvi) In the Access Rules Source screen (From Source), click the Add button

xvii) Click the “+” next to the networks folder and select Internal > Add > Close > Next



xviii) In the Access Rules Destination screen (Applies to), click the Add button
xix) Click the “+” next to the networks folder and select Local Host
xx) Click Add >Close > Next
xxi) In the User sets screen, click the Next button
xxii) Click Finish
xxiii) You must Apply the changes you made in ISA for the rule to take effect

7) Repeat Step 3 From Above and Enter the Same Domain Admin Account Into the FStorageSrv Service On the Destination Server