Shared Services Canada

Web Conferencing 8.5.2 IFR1 NG Project

Web Conferencing 8.5.2 IFR1 NG Migration

from Web Conferencing 8.5.1 on Solaris 9 to Web Conferencing 8.5.2 IFR1 on RHEL 5.8

*Mark Bragança*

*Version: 3.0*

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# Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Authors** | **Changes** |
| January 8 2013 | 1.0 | Mark Bragança | Formatting per SSC template and adding content |
| February 28 2013 | 1.5 | Mark Bragança | Major edits |
| March 20 2013 | 2.0 | Mark Bragança | Major revision |
| March 25 2013 | 2.1 | Mark Bragança | Review and feed back |
| April 16 2013 | 2.2 | Mark Bragança | Add and delete based on feedback |
| June 7 2013 | 2.3 | Mark Bragança | More edits |
| June 25 2013 | 2.4 | Mark Bragança Mohamed Abuzaid | Review and feedback |
| July 3 2013 | 2.5 | Mark Bragança | Add and delete based on feedback |
| August 5 2013 | 2.6 | Mark Bragança | Added start and stop scripts |

# Purpose

This document describes the procedure of migrating Web Conferencing 8.5.1 on Solaris 9 to Web Conferencing 8.5.2 IFR1 on RHEL 6.4. The procedure is state- and site-independent, and may be used for every Web Conferencing system in both data centres.

# Typographic Conventions

The following table describes the Typographic Conventions used in this document.

|  |  |  |
| --- | --- | --- |
| **Typeface / Symbol** | **Meaning** | **Example** |
| AaBbCc123 | The names of command, files, users, and directories; on-screen computer output. | Edit the /etc/vfstab file. Us ls –a to list all files. bash# You have mail. |
| AaBbCc123 | What you type, contrasted with on-screen computer output. | bash# **su -** Password: |
| AaBbCc123 | Command-line placeholder, replace with a real name or value. | To delete a file, type:  *rm* *filename* |
| *AaBbCc123* | Book titles, words to be emphasized, or a brief description of a system process. | Refer to the *XYZ Reference Manual.* You *must* be root to do this. *System moves to run level 0.* |
| <cr> | Hit the Enter or Return key when you see this symbol. | Enter partition id tag[unassigned]:**<cr>** |

# Hardware

Web Conferencing uses VM hardware to host Web Conferencing services. Hardware is installed and managed by eTM Linux Admin team. The server requires a minimum of 4 GB of allocated RAM and 60 GB for disk space.

# OS Software, Libraries and Special Requirements

## OS Software

Linux RHEL 5.8 OS is installed by eTM Linux Admin team. Its generic mailbox is IT-TI\_EBCI-Linux-Admins@cra-arc.gc.ca.

Verify that release of RHEL 5.8 is used by typing “cat /etc/redhat-release”. See example below:

[xxxxxx@EC01LI4003 ~]$ **cat /etc/redhat-release**

Red Hat Enterprise Linux Server release 6.4 (Santiago)

Verify that the core build for RHEL 5.8 is the 64-bit runtime, as RHEL 5.8 supports for the 64-bit runtime only (x86\_64 means 64-bit). See example below:

[xxxxxx@ EC01LI4003 ~]$ **uname -p**

x86\_64

## Web Conferencing Software

|  |  |
| --- | --- |
| **WebSphere Installation Packages** |  |
| CZYA2ML.tar | IBM WebSphere Application Server ND 7.0.0.15 |
| CZYE4ML.tar | IBM Sametime Standard V8.5.2 Meeting Server |
| CZYE8ML.tar | IBM Sametime Standard V8.5.2 Proxy Server |
| CZYF4ML.tar | IBM Sametime Standard V8.5.2 System Console Server |
| ST\_MTG\_SERVER\_V8.5.2\_IFR\_1\_MP\_ML.zip | IBM Sametime Standard V8.5.2 Meeting Server IFR1 |
| ST\_PROXY\_SERVER\_V8.5.2\_IFR\_1\_MP\_ML.zip | IBM Sametime Standard V8.5.2 Proxy Server IFR1 |
| ST\_SYS\_CONSOLE\_V8.5.2\_IFR\_1\_MP\_ML.zip | IBM Sametime Standard V8.5.2 System Console Server |
| CZYH1ML.zip | IBM WebSphere V7.0.0.15 iFixes for Sametime V8.5.2 |
| WAS7.0.0.15IFIX\_FOR\_ST8.5.2IFR\_MPML.zip | IBM WebSphere ND Customized Installation Package for Sametime V8.5.2 |
| **Sametime and Notes Client Installation Packages** |  |
| CZYF7ML.zip | IBM Sametime Client v8.5.2 |
| lotus\_domino852\_Unix\_fr.tar | Lotus Domino 8.5.2 French Language Pack |
| notes\_designer\_admin852\_w32en.exe | Lotus Domino/Notes Administrator and Designer 8.5.2 |
| ST\_CNNCT\_CLIENT\_V8.5.2\_IFR\_1\_MP\_ML.zip | IBM Sametime Client v8.5.2 IFR1 |
| **Sametime Domino Community Installation Package** |  |
| lotus\_domino852\_xlinux\_en.tar | Lotus Domino 8.5.2 Server |
| CZYD8ML.tar | IBM Sametime Standard V8.5.2 Community Server |
| ST\_COMM\_SVR\_V8.5.2\_IFR\_1\_MP\_ML.tar | IBM Sametime Standard Community V8.5.2 Server IFR1 |

Client Files will be installed on an administrator workstation.

## 6.2 Special Requirements

1. SSC eTM may have enabled Policy Engine and CFEngine on its Linux VMs. Disable Security Enhanced Linux on any Red Hat operating system.
   1. Log in as root on the Linux Red Hat server where you will install the software.
   2. Open the /etc/selinux/config file for editing.
   3. Locate the **SELINUX** setting. Change its value to either disable or permissive.
   4. Save and close the file.
   5. Ensure that listed libraries below are installed first on EC0GLZ1244:
   6. Restart the Linux server.
2. IPv6 must be turned off on the Linux Servers
3. DNS alias must be created for the Sametime Proxy and Meeting Servers.

(i.e. webconf-proxy-i7.isvcs.net and webconf-meeting-i7.isvcs.net)

1. Following is the list of required Linux packages and updates for the Domino 8.5 server.

The following packages are required for server support on xSeries (32/64-bit) /System z (64-bit) SLES 10 (equivalent required for RHEL 5 - which may mean additional RPMs including compatible RPMs)\*:

**Note**: Domino 8.5.1 supports SLES 11, which requires equivalent packages.

glibc-32bit-2.4-31.2

libgcc-4.1.0-28.4

libstdc++-4.1.0-28.4

libXp-1.0.0.-8.i386.rpm (RHEL 5)

In addition, due to Java, the following packages are required for the server (some may not be needed on System z (64-bit))\*:

alsa-32bit-1.0.11-32.2

atk-32bit-1.10.3-15.2

cairo-32bit-1.0.2-27.4

compat-libstdc++-5.0.7-22.2

expat-32bit-2.0.0-13.2

fontconfig-32bit-2.3.94-18.5

freetype2-32bit-2.1.10-18.5

glib-32bit-1.2.10-609.2

glib2-32bit-2.8.5-21.2

glibc-32bit-2.4-31.2

glitz-32bit-0.4.4-21.2

gtk-32bit-1.2.10-907.2

gtk2-32bit-2.8.10-39.12

libgcc-4.1.0-28.4

libpng-32bit-1.2.8-19.2

pango-32bit-1.10.2-23.2

resmgr-32bit-0.9.8\_SVNr75-18.4

unixODBC-32bit-2.2.11-21.4

xorg-x11-libs-32bit-6.9.0-50.14

zlib-32bit-1.2.3-15.2

\* These names are from the library dependency lists on a SLES 10 64bit xSeries system, which is why some of the RPMs say "32bit" in their name. The names may change slightly if you are running any other version of Linux, but the "gist" remains the same: you need the given package (such as libstdc++) and the given level (4.1.0). Sometimes a higher level is OK, but other times you need the given level or a compatible level (C++ is an example where you need the given level or compatible RPM, like compat-libstdc++-5). For example, on RHEL 5 you need compat-libstdc++-33 and compat-libstdc++-296 to get the correct C++ level of libraries for both Java and Domino. If there is no comparable patch available for RHEL, for example, then you should be ok with not applying the patch/package.]

# Create Accounts

eTM Linux Admin creates accounts outlined in this section. These accounts are required for installing IBM Sametime Web Conferencing.

These user, group and system account names are required for installing, administering and running the application software and severs.

The Application Server User Names can be non-specific. However, “wasadmin” cannot be used for the WebSphere administrator account because there is a wasadmin account in the LDAP which will cause a conflict. Use a modified account name such as wasadmini7 where the i7 denotes the state and WebSphere version. This name cannot exist elsewhere on the system.

You must log in as the root user to install the Lotus Domino and Sametime server. You must have a designated operating system user who can start the Sametime server, and this user must be a part of a designated operating system group. (Reference: PMR 68054,999,649 - configure Sametime to run as non-root)  
    
If it is the server (Non web server/Domino), it has to be installed as root but can be run as a Notes user.   
If it is a WebSphere server then it needs root access ( i.e, for the Sametime System Console)   
  
If it is the client, again, install as root, but run as non-root user.

The default user is notes and the default group is also notes, but any user name other than root and any group name can be used. (Reference: IBM Sametime Installation Guide: Installing on AIX, Linux… http://infolib.lotus.com/resources/sametime/8.5.2/doc/st852afd001/en\_us/html-wrapper.html#inst\_intro)

Contact eTM Linux Admin via its mailbox of IT-TI\_EBCI-Linux-Admins@cra-arc.gc.ca.

## User Accounts

|  |  |  |
| --- | --- | --- |
| User | Application Server | Access |
| root | WebSphere | Administrator |
| notes | Domino | Administrator |
|  |  |  |

## System Groups

|  |
| --- |
| Group |
| notes |

## System Accounts

|  |  |
| --- | --- |
| Account | System |
| notes | Domino |
|  |  |

## File Systems

To prepare for file systems on Web Conferencing, use the following standard

( http://7.29.232.112:8080/display/EBCIV2USER/Default+Directory+Standard):

|  |  |  |
| --- | --- | --- |
| **Directory** | **Type** |  |
| /disk/apps/<product>/ | Binaries |  |
| /disk/apps/<product>/scripts | Scripts |  |
| /disk/data/<product>/ | Data |  |
| /disk/logs/<product>/ | Logs |  |
| /disk/archive/<product>/<interval>/ | Archiving |  |
| /disk/staging/<product>/ | Staging/Installation |  |
| /disk/temp/ | Temp |  |

* Application Installation Files: EC01LI4003 and EC01LI4004

/disk/staging/stinstallfiles /

* Application Data Files: EC01LI4003 and EC01LI4004

/disk/data /

* IBM Sametime System Console Profile: EC01LI4003

/disk/apps/sametime/WebSphere/AppServer/profiles/STSCAppProfile/

* IBM Sametime Deployment Manager Profile: EC01LI4003

/disk/apps/sametime/WebSphere/AppServer/profiles/STSCDMgrProfile/

* Response Files: EC01LI4003

/disk/staging/stinstallfiles/Response\_Files

Note that the binaries directory should include the install binaries only, should not include data or logs of any type.

## File Systems for Web Conferencing

Create directories as indicated in both the WebSphere system machine and the Domino system machine.

### Create File Systems in /disk

|  |  |
| --- | --- |
| EC01LI4003 (WebSphere) | EC01LI4004 (Domino) |
| /disk/apps/sametime/ | /disk/apps/sametime/ |
| /disk/apps/InstallationManager/eclipse/ |  |
| /disk/data/sametime/ | /disk/data/sametime/ |
| /disk/logs/sametime/ | /disk/logs/sametime/ |
| /disk/staging/stinsallfiles/ | /disk/staging/stinsallfiles/ |
| /disk/scripts/sametime | /disk/scripts/sametime |

### Verify File Systems in /disk

**cd** to the directories above.

# Software Installation and Configuration

Copy and unpack the files on their respective servers (i.e. WebSphere and Domino) in the stinstallfiles directory. When unpacking the files, they will create their required directories with the exception of the IFR1 files. Unpack the IFR1 files within their own directories to avoid overwriting any files. The database scripts included in the system console package, should be run prior to installing the Installation Manager if not already done so.

## 8.1 Installing Installation Manager Using the Console

*Go to*

**/disk/staging/stinstallfiles/SametimeSystemConsole/IM/linux**

[xxx046@ EC01LI4003 linux]$ **sudo ./consoleinst.sh**

[sudo] password for myb046: **XXXXXXXX**

Preprocessing the input.

Preparing IBM® Installation Manager.

=====> IBM Installation Manager> Install

Select packages to install:

1. [X] IBMÂ® Installation Manager (1.4.2)

O. Check for Other Versions, Fixes, and Extensions

N. Next, C. Cancel

-------> **N**

=====> IBM Installation Manager> Install> Licenses

Read the following license agreements carefully.

View a license agreement by entering the number:

1. IBM Installation Manager - License Agreement

Options:

A. [ ] I accept the terms in the license agreement

D. [ ] I do not accept the terms in the license agreement

B. Back, C. Cancel

-----> **A**

=====> IBM Installation Manager> Install> Licenses

Read the following license agreements carefully.

View a license agreement by entering the number:

1. IBM Installation Manager - License Agreement

Options:

A. [X] I accept the terms in the license agreement

D. [ ] I do not accept the terms in the license agreement

B. Back, N. Next, C. Cancel

-----> **N**

=====> IBM Installation Manager> Install> Licenses> Location

Installation Manager install location:

1. /opt/IBM/InstallationManager/eclipse

Enter the corresponding number above to modify.

B. Back, N. Next, C. Cancel

-----> **1**

=====> IBM Installation Manager> Install> Licenses> Location>

Enter IM location

Enter new value for the IM install location (press <Enter> to cancel):

-----> **/disk/apps/InstallationManager/eclipse**

=====> IBM Installation Manager> Install> Licenses> Location

Installation Manager install location:

1. /disk/apps/InstallationManager/eclipse

Enter the corresponding number above to modify.

B. Back, N. Next, C. Cancel

-----> **N**

=====> IBM Installation Manager> Install> Licenses> Location> Summary

Target Location:

Package Group Name : IBM Installation Manager

Installation Directory : /disk/apps/InstallationManager/eclipse

Packages to be installed:

IBMÂ® Installation Manager (1.4.2)

Options:

G. Generate installation response file.

B. Back, I. Install, C. Cancel

-----> **I**

------------------|------------------|------------------|------------------|

............................................................................

=====> IBM Installation Manager> Install> Licenses> Location> Summary>

Completion

The install completed successfully.

Options:

R. Restart Installation Manager

-----> **R**

Preprocessing the input.

=====> IBM Installation Manager

Select:

1. Install - Install software packages

2. Uninstall - Remove the installed software packages.

3. Update - Find and install updates and fixes to the installed packages.

4. Modify - Change installed software packages.

5. Roll Back - Revert to an earlier version of the installed software packages.

Other Options:

P. Installation Manager Preferences

V. View Installed Packages

L. View Logs

H. Installation Manager Help

E. Export Data for Problem Analysis

A. About Installation Manager

X. Exit Installation Manager

-----> **X**

### 8.1.1Generate Encoded Passwords

Passwords must be generated for the wasadmin and db2 accounts to be used in the response files.

**cd /disk/staging/stinstallfiles/SametimeSystemConsole/generateEncodedPassword**

Type

**generateEncodedPassword.sh <password>**

The password will be that of the account you are using for the response file. The output should look something like this:

**X3JuGTAD5BKGRfRmLqIJ7A==**

Use this for the corresponding account.

## 8.2 Silent Install of the Sametime Console

*Format for silent install run from* **/disk/apps/InstallationManager/eclipse**

**sudo ./IBMIM --launcher.ini silent-install.ini -input**

**/disk/staging/stinstallfiles/Response\_Files/ssconsole.xml -log /disk/logs/sametime/stinstalllog.xml -acceptLicense**

job InstallJob in IBMÂ® SametimeÂ® Server Platform; com.ibm.lotus.sametime.systemconsoleserver 8.5.2.20110511\_1553 features: CEMain,nossc

job InstallJob in IBMÂ® SametimeÂ® Server Platform; com.ibm.lotus.sametime.systemconsoleserver 8.5.2.20110511\_1553 features: CEMain,nossc

WASDMNode:STSCSNode

DBPort:50030

ProductType:com.ibm.lotus.sametime.systemconsoleserver

WASDMSoapPort:8703

DBHost:ec01zi5210.isvcs.net

WASCell:STSCSCell

OfferingVersion:8.5.2.0

SSCInstallLocation:/disk/apps/sametime/WebSphere/STSCServerCell

DepName:Console

ID:

WASSNProfile:STSCSNAppProfile

DB2DatabaseName:dcx056

NodeHostName:ec01li4003.isvcs.net

WASAppProfile:STSCAppProfile

WASDMServerName:dmgr

DBAppID:stscdbig

DBName:dcx056

InstallType:Cell

WASUserID:wasadmini1

WASHost:ec01li4003.isvcs.net

WASDMProfile:STSCDMgrProfile

WASNode:STSCSNode

NodeIP:ec01li4003.isvcs.net

WASSoapPort:8880

DBType:DB2

WASDMHost:ec01li4003.isvcs.net

WASInstall:/disk/apps/sametime/WebSphere/AppServer

WASAppServerName:STConsoleServer

## 8.3 Install Sametime Console 8.5.2 IFR1

**cd /disk/apps/InstallationManager/eclipse**

**sudo ./IBMIM --launcher.ini silent-install.ini -input /disk/staging/stinstallfiles/Response\_Files/ssconsoleifr1.xml -log /disk/logs/sametime/stinstalllogifr1.xml -acceptLicense**

Validating LDAP and database server connections

No LDAP connection in this deployment

Database connection validated

Checking Sametime server status

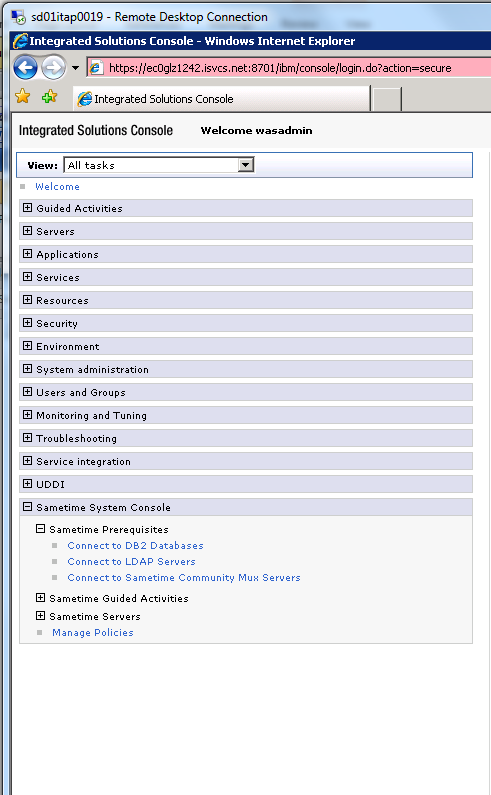
Checking Sametime System Console status

## 8.4 Configure LDAP

This must be done after IFR1 has been applied to the Sametime System Console or object class errors may occur.

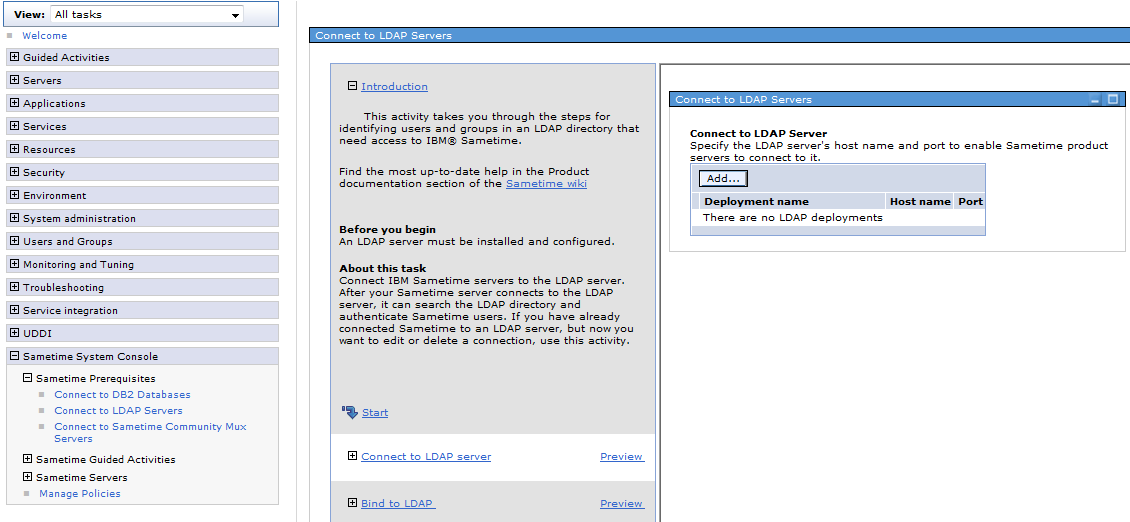
Open theWebSphere Application Server console

Open browser and go to **https://ec01li4003.isvcs.net:8701/ibm/console**

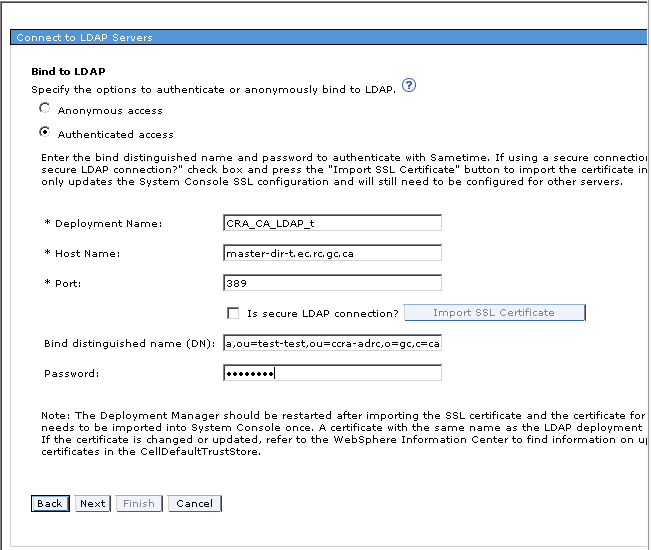


Expand the Sametime System Console and select Sametime Prerequisites.

Then select **Connect to LDAP Servers**



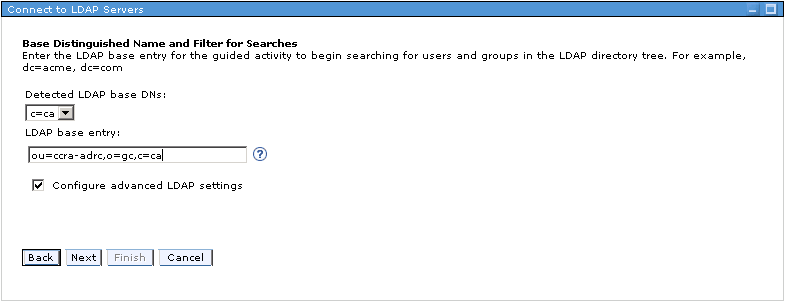
Click **Add** in the adjacent window.



Choose Authenticated access, and enter the CA LDAP Info

* + Deployment Name: **CRA\_CA\_LDAP\_x** (*x=t for trans, and p for prod*)
  + Host Name: **master-dir-t.isvcs.net**
  + Port : **389**
  + Bind distinguished name (DN): **serialNumber=2011046101220001+cn=wcitg wcitg,ou=xxsa,ou=test-test,ou=ccra-adrc,o=gc,c=ca**
  + Password: \*\*\*\*

Click **Next**

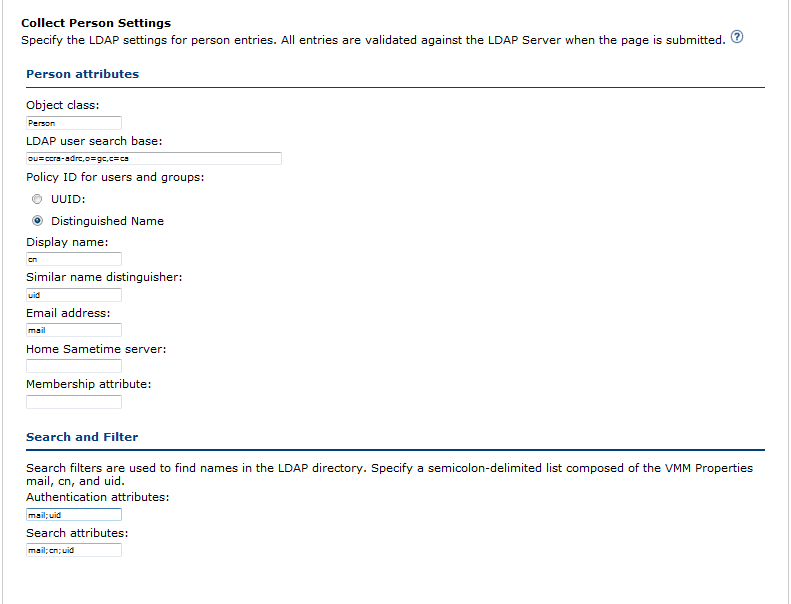


Make sure Detected LDAP Base DN and search base is set to: **c=ca**,

and LDAP base entry is set to: **ou=ccra-adrc,o=gc,c=ca**

Check “**Configure advanced LDAP settings**”,

Click **Next**



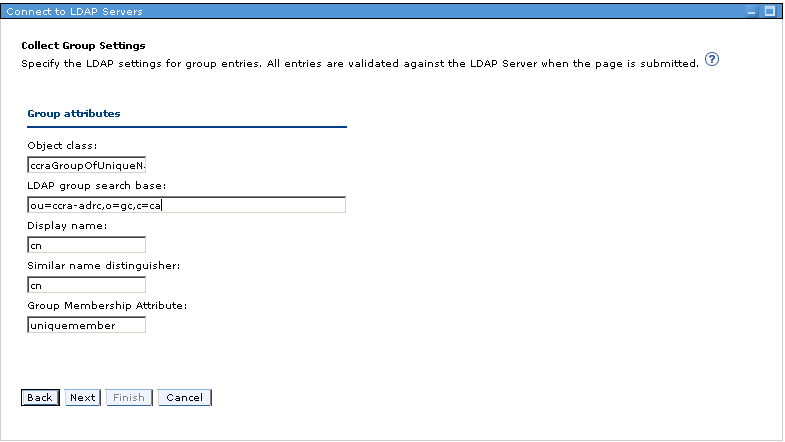
Under person attributes:

* Object Class: **person**
* LDAP user search base is set to: **ou=ccra-adrc,o=gc,c=ca**
* Display name: **cn**
* Similar Distinguisher name :**uid**
* E-mail address: **mail**
* Home Sametime Server: *Leave blank*
* Membership attribute:*Leave blank*

Under Search and filter:

* Authentication attributes: **mail;uid**
* Search attributes: **mail;cn;uid**

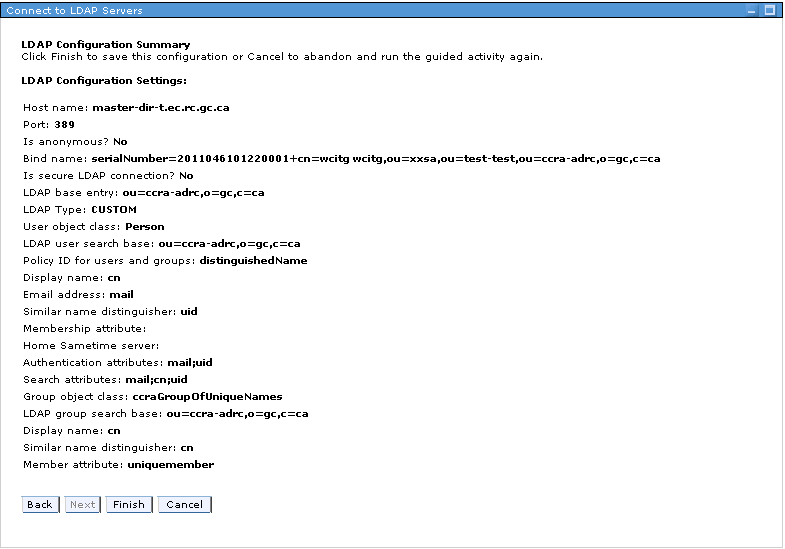
Click **Next**



In the Collect Group Settings menu, enter the following information

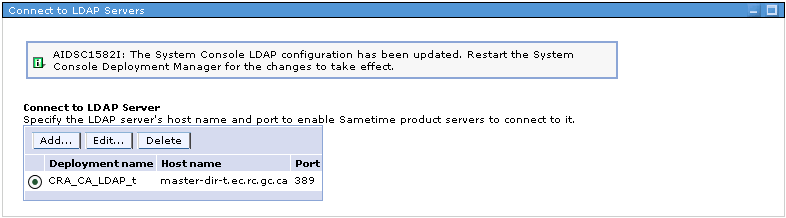
* + Object Class: **ccraGroupOfUniqueNames**
  + LDAP group search base: **ou=ccra-adrc,o=gc,c=ca**
  + Display name: **cn**
  + Similar name distinguisher: **cn**
  + Group Membership attribute: **uniquemember**

Click **Next**



Verify settings and click **Finish**

The following should appear in **Connect to LDAP** window when it refreshes.



Logout and restart the System Console Deployment Manager for the changes to take effect.

## 8.5 Install Domino

cd /disk/staging/stinstallfiles/linux/domino

[myb046@EC01LI4004 domino]$ **sudo ./install -console**

[sudo] password for myb046:

Lotus Domino for Unix Install Program

------------------------------------

InstallShield Wizard

Initializing InstallShield Wizard...

Preparing Java(tm) Virtual Machine...

-------------------------------------------------------------------------------

Welcome to the InstallShield Wizard for Lotus Domino

The InstallShield Wizard will install Lotus Domino on your computer.

To continue, choose Next.

Lotus Domino

IBM

http://www.lotus.com

Press 1 for Next, 3 to Cancel or 4 to Redisplay [1] **1**

-------------------------------------------------------------------------------

International Program License Agreement

Part 1 - General Terms

BY DOWNLOADING, INSTALLING, COPYING, ACCESSING, CLICKING ON AN

"ACCEPT" BUTTON, OR OTHERWISE USING THE PROGRAM, LICENSEE AGREES TO

THE TERMS OF THIS AGREEMENT. IF YOU ARE ACCEPTING THESE TERMS ON

BEHALF OF LICENSEE, YOU REPRESENT AND WARRANT THAT YOU HAVE FULL

AUTHORITY TO BIND LICENSEE TO THESE TERMS. IF YOU DO NOT AGREE TO

THESE TERMS,

- DO NOT DOWNLOAD, INSTALL, COPY, ACCESS, CLICK ON AN "ACCEPT"

BUTTON, OR USE THE PROGRAM; AND

Press Enter to continue viewing the license agreement, or, Enter "1" to accept

the agreement, "2" to decline it or "99" to go back to the previous screen, "3"

Print.

**1**

Press 1 for Next, 2 for Previous, 3 to Cancel or 4 to Redisplay [1] **1**

-------------------------------------------------------------------------------

Selecting the option below allows you to install additional or upgrade existing

Server Partitions. The existing Program directory must be specified in order

for new Server Partitions to be created, but it will not be upgraded. Existing

Data directories do not need to be listed. Only those Data directories

specified will be upgraded or added. If you wish to add more than one Partition

to your existing Domino server, check the box when asked if you want to install

a Partitioned server. Otherwise you will only be able to upgrade or install one

Data directory. Warning: If you do not have an existing Domino Server on your

system, please do not check the box below for the option to add data

directories only.

[ ] 1 - Install Data Directories Only for Partitioned Domino Server

To select an item enter its number, or 0 when you are finished: [0] **0**

Press 1 for Next, 2 for Previous, 3 to Cancel or 4 to Redisplay [1] **1**

-------------------------------------------------------------------------------

Lotus Domino Install Location

Please specify a directory or press Enter to accept the default directory.

Program Files Directory Name [/opt/ibm/lotus] /disk/apps/sametime

Server with more than one partition

Answer Yes to install partitioned server

Answer No to install non-partitioned server

Partitioned Server: [No] **No**

Press 1 for Next, 2 for Previous, 3 to Cancel or 4 to Redisplay [1] **1**

-------------------------------------------------------------------------------

Lotus Domino Install Location

Please specify a directory or press Enter to accept the default directory.

Data Files Directory Name [/local/notesdata] /disk/data/sametime

Press 1 for Next, 2 for Previous, 3 to Cancel or 4 to Redisplay [1] **1**

-------------------------------------------------------------------------------

Input Unix/Linux user name and group name panel

User Name [root] notes

Group Name [root] notes

Press 1 for Next, 2 for Previous, 3 to Cancel or 4 to Redisplay [1] **1**

-------------------------------------------------------------------------------

You can click the following optional check box for installing your unix/Linux

Domino Server

The Domino Server software no longer requires the /opt/ibm/lotus soft link for

handling multi-Domino Server installations on a single operating system. You

can now select your own option for the /opt/ibm/lotus soft link feature if you

have chosen a directory other than /opt/ibm/lotus for installation.

[ ] 1 - Create /opt/ibm/lotus soft link

To select an item enter its number, or 0 when you are finished: [0]

Press 1 for Next, 2 for Previous, 3 to Cancel or 4 to Redisplay [1]

-------------------------------------------------------------------------------

Select Server Setup

After the installation completes, for new installation server setup will be

launched and for upgrade the server will be restarted automatically.

The default value is "Manual Server Setup" which does not launch server setup

or restart the server after installation.

Select "Local Server Setup" to launch server setup after a new server

installation or to restart the server after a server upgrade.

Select "Remote Server Setup" to launch server setup in listen mode for new

server installations. You will then be able to connect to the server with the

Remote Server Setup tool.

[ ] 1 - Local

[ ] 2 - Remote

[X] 3 - Manual

To select an item enter its number, or 0 when you are finished: [0] 2

[ ] 1 - Local

[X] 2 - Remote

[ ] 3 - Manual

To select an item enter its number, or 0 when you are finished: [0]

Press 1 for Next, 2 for Previous, 3 to Cancel or 4 to Redisplay [1]

-------------------------------------------------------------------------------

Choose the setup type that best suits your needs.

[ ] 1 - Domino Utility Server

Installs a Domino server that provides application services only. Note

that it does not include support for messaging services. See full

licensing text for details.

[ ] 2 - Domino Messaging Server

Installs a Domino server that provides messaging services. Note that it

does not include support for application services or Domino clusters.

[X] 3 - Domino Enterprise Server

Installs a Domino server that provides both messaging and application

services.

[ ] 4 - Customize Domino Server

Allows you to select the features you want to install.

To select an item enter its number, or 0 when you are finished: [0]

Press 1 for Next, 2 for Previous, 3 to Cancel or 4 to Redisplay [1]

------------------------------------------------------------------------------

Lotus Domino will be installed in the following location:

Program Files: /disk/apps/sametime/lotus

Data Files: /disk/data/sametime

Domino Kit Type: EnterpriseServer

Unix Install Options:

User Name: notes

Group Name: notes

Install Data Only: No

Create soft link /opt/ibm/lotus/:No

Start Server Setup: Yes (Remote)

with the following features:

Program Files

Billing Support

Clustering Support

Data Files

Required Templates

Press ENTER to read the text [Type q to quit]

Administration Templates

Optional Templates

Certificate Management

Web Services Data Files

Readme File

Dojo 1.4.3

Dojo 1.3.3

XPages

Domino Enterprise Connection Services

Domino Offline Services

Lotus iNotes

Sametime Integration

Resource Modeling Engine

Help

for a total size:

1043.9 MB

Press 1 for Next, 2 for Previous, 3 to Cancel or 4 to Redisplay [1]

Installing Lotus Domino. Please wait...

|-----------|-----------|-----------|------------|

0% 25% 50% 75% 100%

|||||||||||||||||||||||||||||||||||||||||||||||||

Configuring Domino Server from

Unix user name : notes

Unix group name : notes

Domino program directory: /disk/apps/sametime/lotus

Domino data directory: /disk/data/sametime

You will be prompted for the password of the notesdata owner.

-------------------------------------------------------------------------------

The InstallShield Wizard has successfully installed Lotus Domino. Choose Finish

to exit the wizard.

Press 3 to Finish or 4 to Redisplay [3]

WARNING: the maximum number of file handles (ulimit -n)

allowed for Domino is 4096.

See Lotus Tech Note 1221870 and set the allowable maximum to 20000.

/proc/sys/kernel/sem has been set to "250 256000 32 1024".

/proc/sys/net/ipv4/tcp\_fin\_timeout has been set to "15".

/proc/sys/net/ipv4/tcp\_max\_syn\_backlog has been set to "16384".

/proc/sys/net/ipv4/tcp\_tw\_reuse has been set to "1".

/proc/sys/net/ipv4/ip\_local\_port\_range has been set to "1024 65535".

./java -ss512k -Xoss5M -cp jhall.jar:cfgdomserver.jar:./ndext/ibmdirectoryservices.jar lotus.domino.setup.WizardManagerDomino -data /disk/data/sametime -listen

Remote server setup enabled on port 8585.

The Domino setup server is now in listening mode.

A remote client can now connect to this server and configure Domino.

To connect to this server, launch the Remote Domino Setup program from a command-prompt as follows:

From a Domino administrator client: serversetup -remote

From a Domino server: server -remote

To end this server, launch the Remote Domino Setup program from a command-prompt as follows:

From a Domino administrator client: serversetup -q ec0glz4004

From a Domino server: server -q ec01li4004

For more information, see the printed guide Setting Up Domino Networks and Servers.

### 8.5.1 Edit hosts file

Backup the existing host file. Edit the hosts file to include the fully qualified host name (i.e. add *7.29.239.244 ec0glz1244.isvcs.net ec0glz1244* to the hosts file).

**cd /etc**

[myb046@EC0GLZ1244 etc]$ **sudo vi hosts**

[sudo] password for myb046: **XXXXXXX**

*After editing the hosts file should look like this:*

# Do not remove the following line, or various programs

# that require network functionality will fail.

127.0.0.1 localhost localhost.localdomain localhost6 localhost6.localdomain6

**7.29.239.244 ec0glz1244.isvcs.net ec0glz1244**

::1 localhost6.localdomain6 localhost6

*Save and exit*

### 8.5.2 Configure the Domino Server

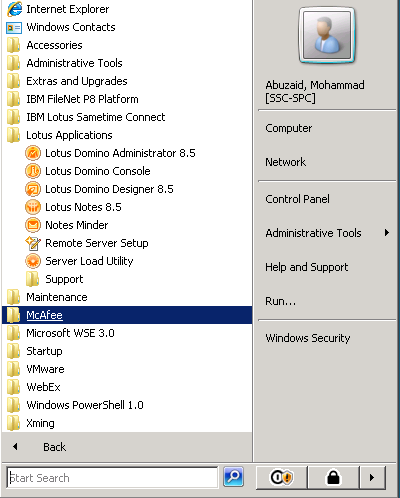
Install the Domino Administrator, Domino Designer and Notes Client on a Windows system that has accessibility to the Web Conferencing NG zones.

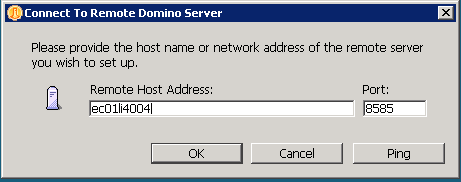
Bind the Domino and Domino HTTP servers to the fully qualified host name (e.g. *7.29.239.244 ec0glz1244.isvcs.net* )

Login to windows VM

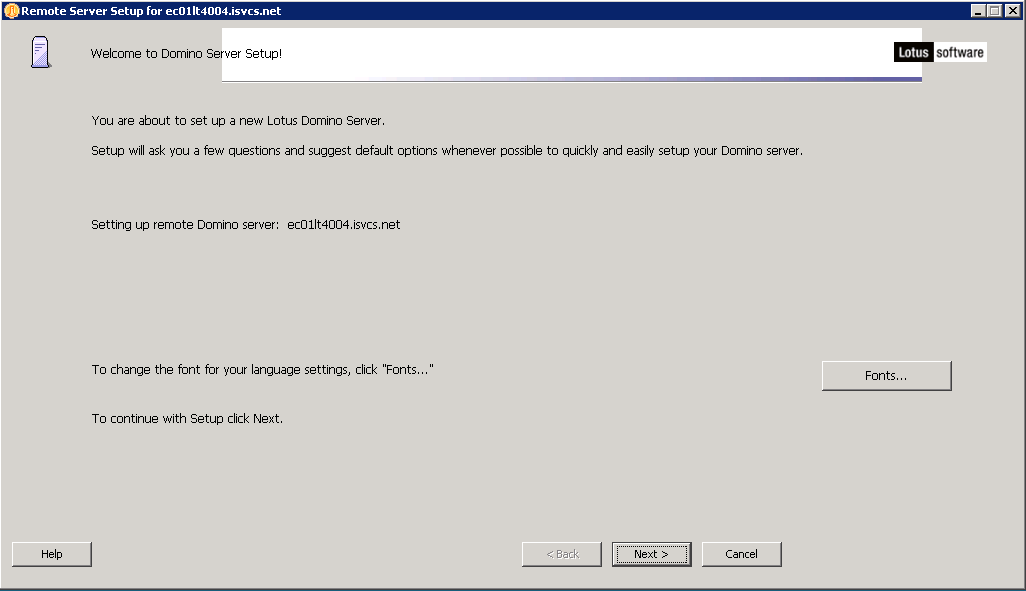
e.g. SD01ITAP0019

From the Start Menu.Programs: Select **Remote Server Setup**

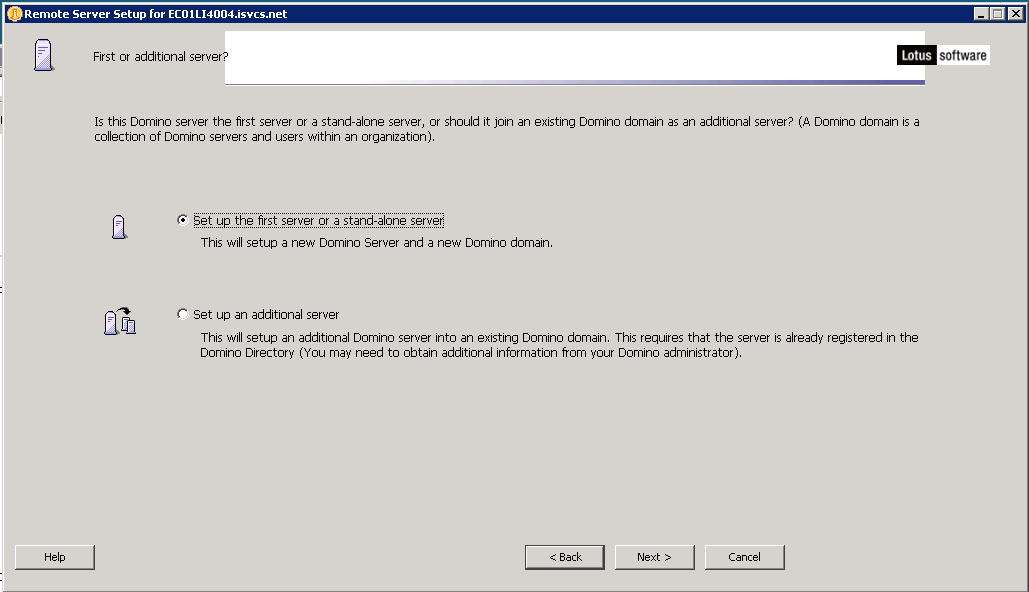


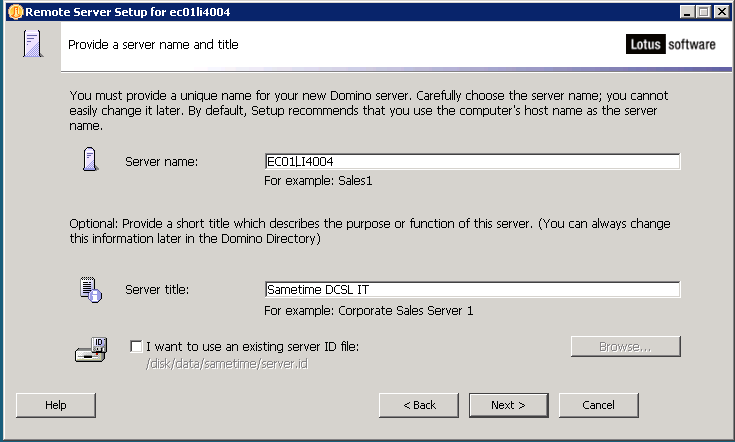


Enter the hostname

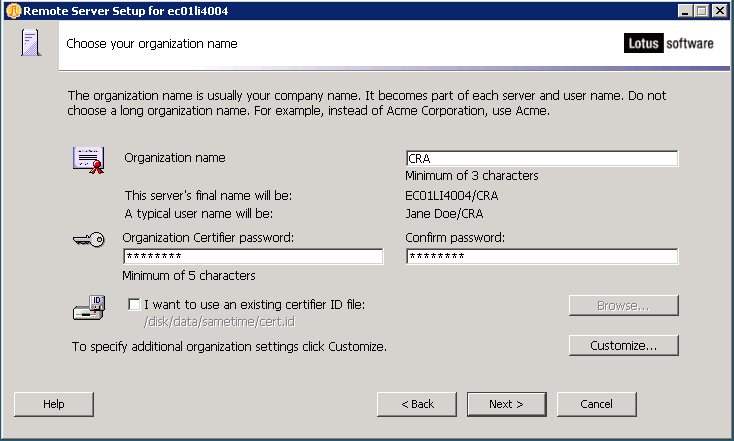


Click **Next**

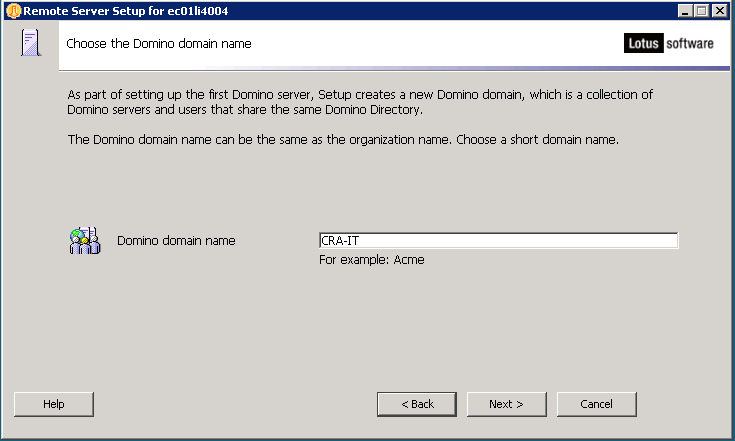
 Select **“Set up the first server….”** . Click **Next**



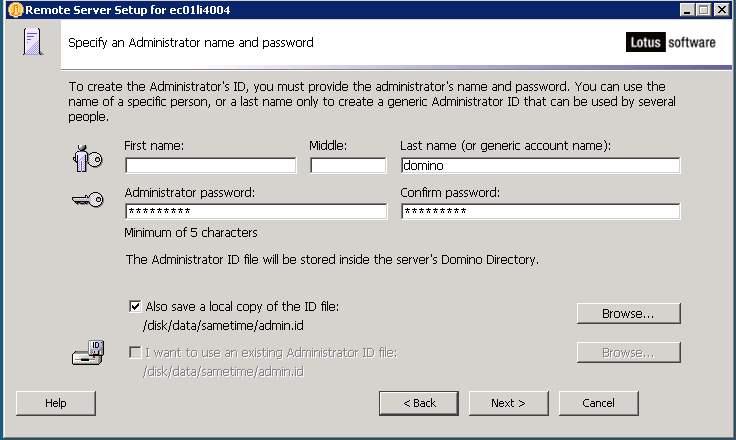
Enter the Server Name: e.g. **EC01LI4004.** Enter a Server Title: e.g. **Sametime DCSL IT**



Enter Organization name : **CRA.**  Enter Organization Certifier password: **sametime** and click **Next.**

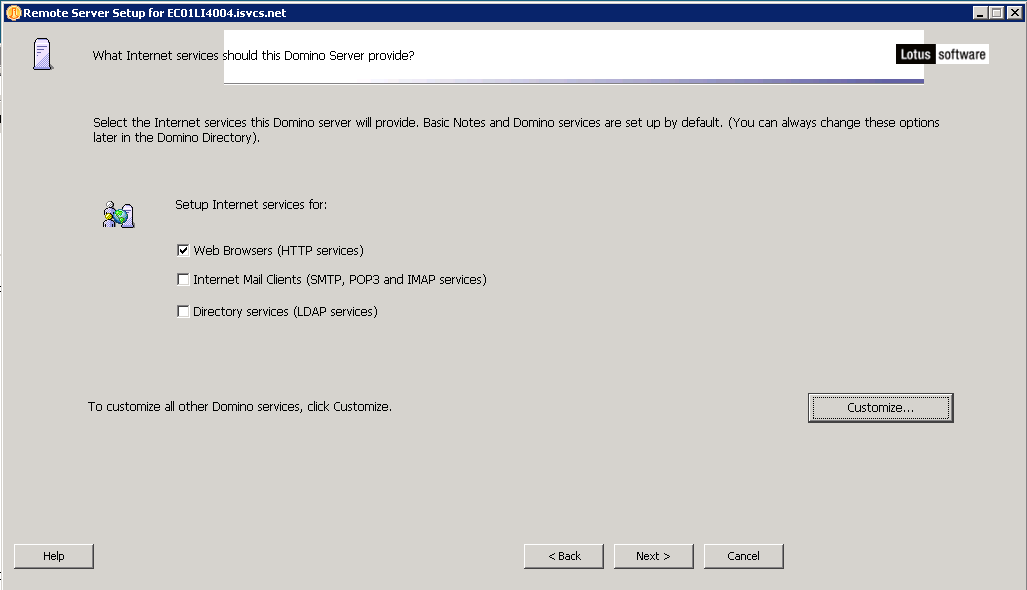


Enter a domino Domain Name: e.g. **CRA-IT** and click **Next.**

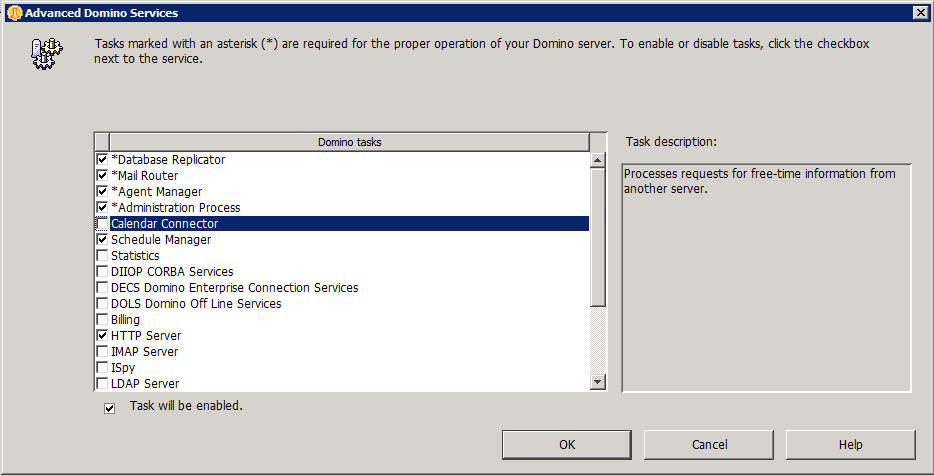


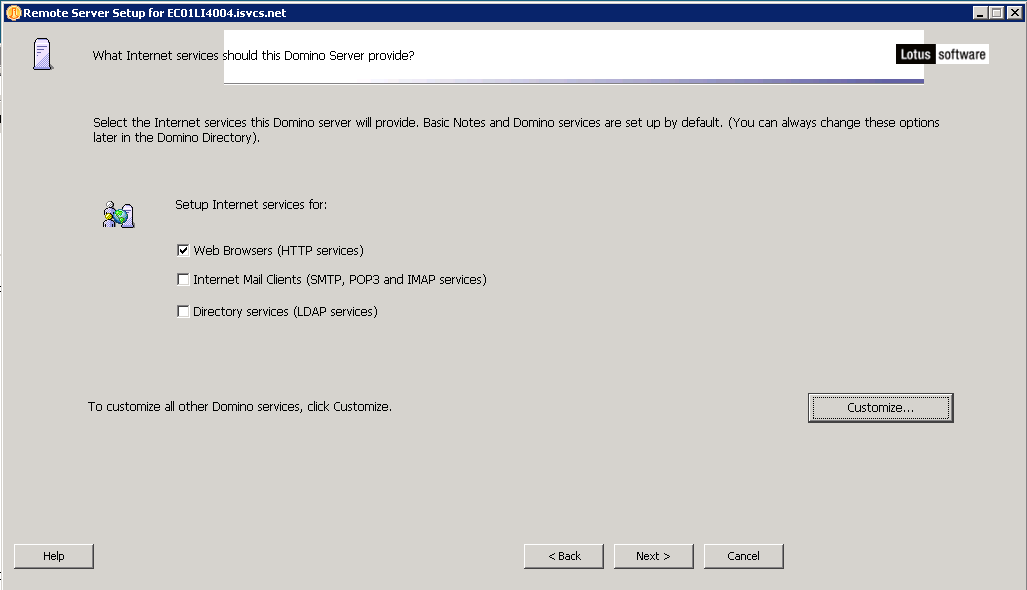
In “Specify an administrator name and password screen”

* + Last name or Generic account name = domino
  + Create a password “dominoi1”
  + Check “Also Save a copy of the ID file”
  + Click **Next** and then **customize**

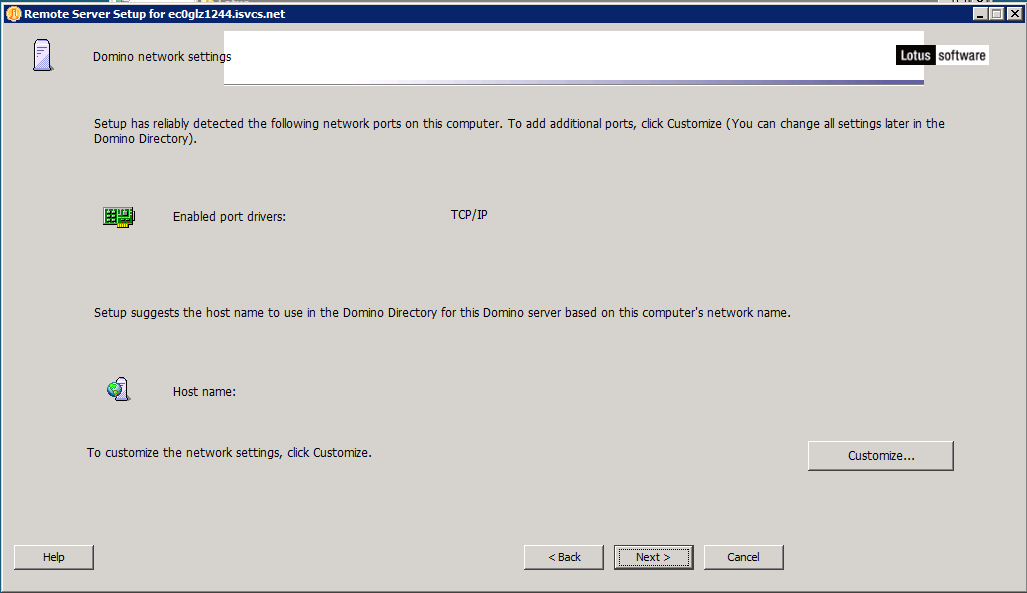


A check will appear next to **Web Browsers (HTTPservices)**. Click **Customize.**

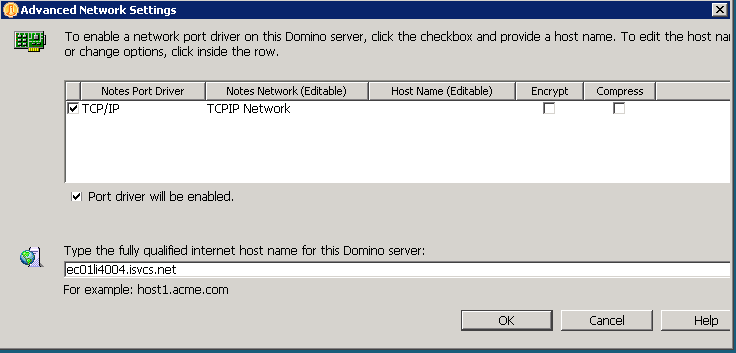
 Only leave the ones marked with **\***, and **Schedule Manger, Http Server**. Click **OK**.



Click **Next**.

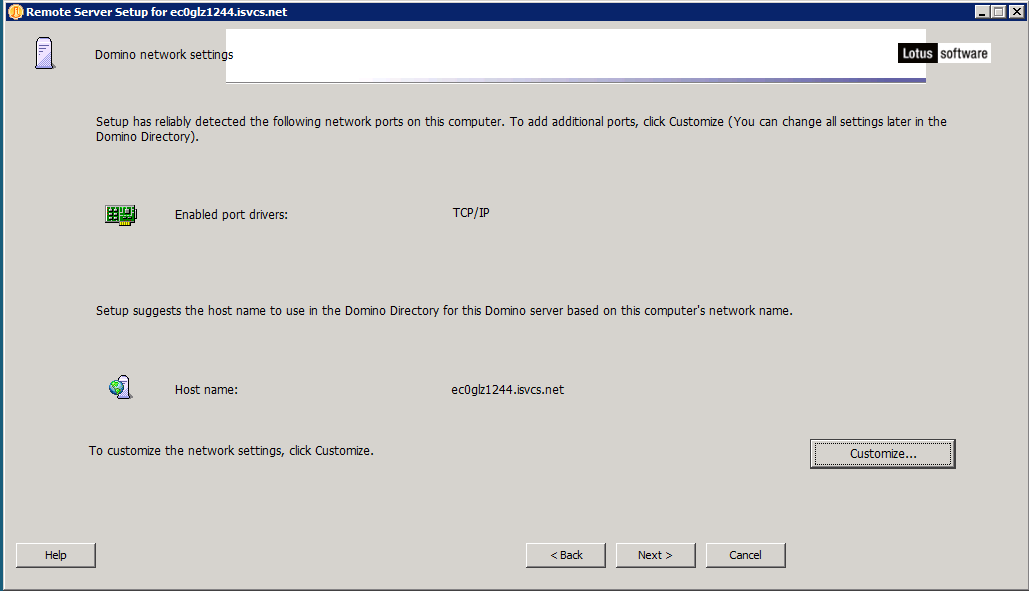


Click **Next** if the host name resolves to the FQDN of the machine, if not Click Customize and enter the FQDN for the Domino server

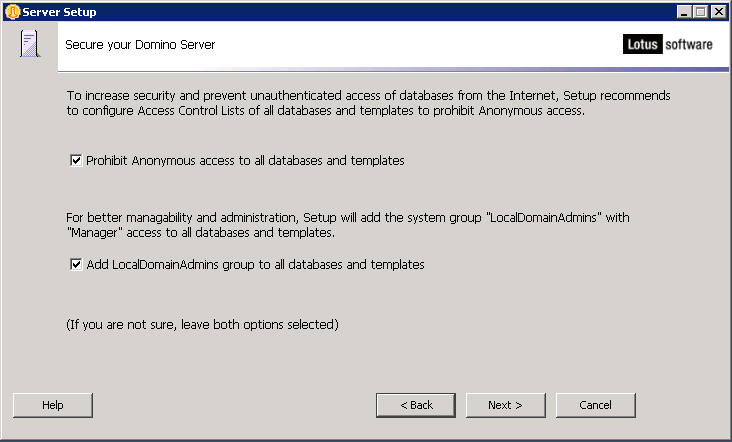


Enter the fully qualified host name for the Domino Server: e.g. **ec01li4004.isvcs.net**

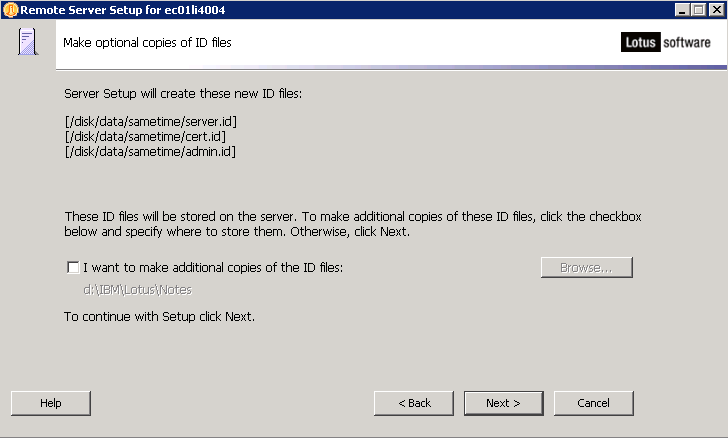
Click **OK**



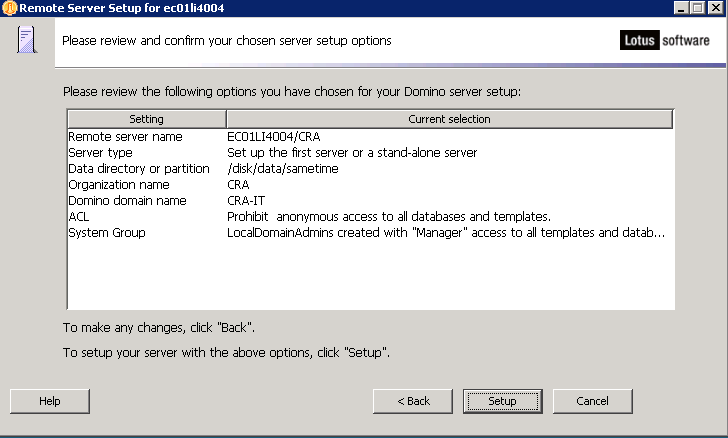
Click **Next**



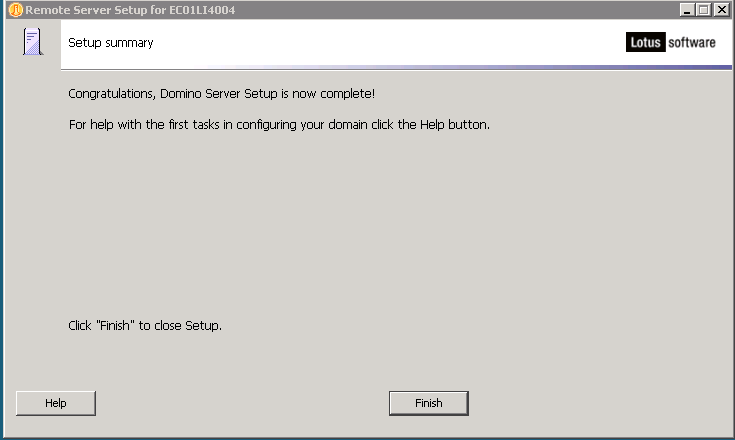
Click **Next**



Accept the following screen and click **Next**



Accept the following screen and click **Setup**



Select **Finish**

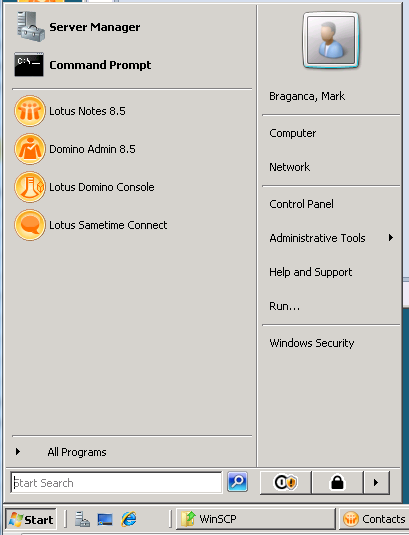


Select **Yes**

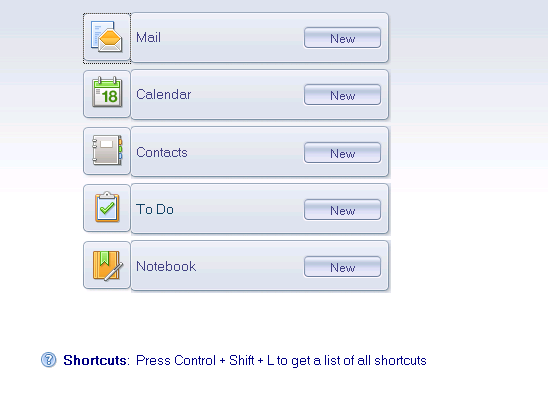
### 8.5.3 Setup additional Domino server on standby Site

Before running the Remote Server Setup, the new server must be registered with the first server that was set up. From the Domino Administrator client on the Windows VM (sd01itap0019)

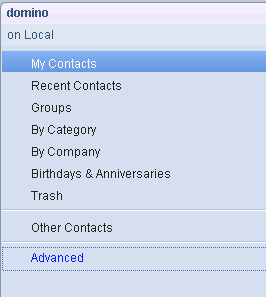
Open the Lotus Notes client



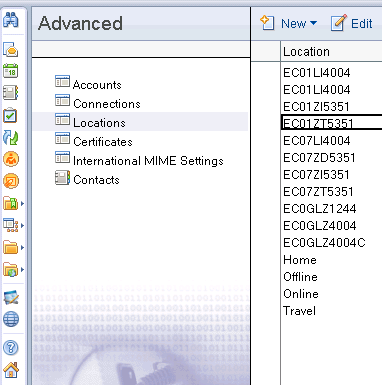
Login with the Admin ID of the primary server.



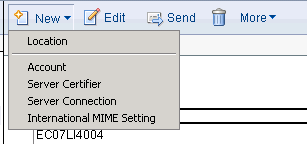
Click on Contacts



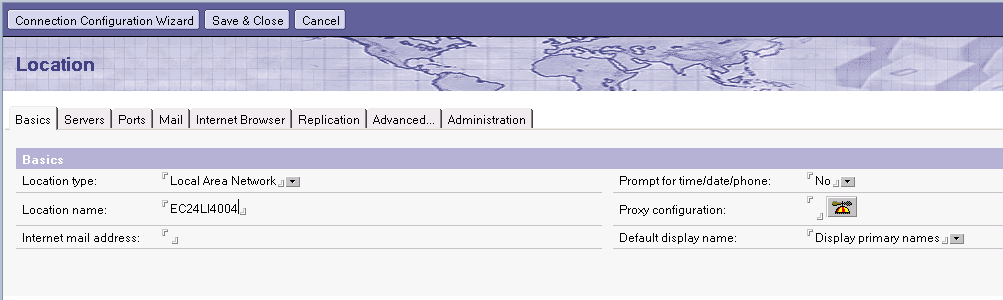
Click on Advanced



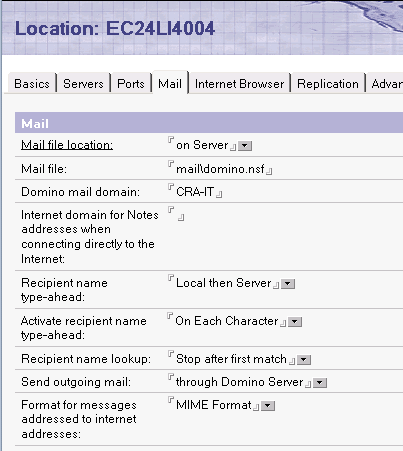
Click on Locations to ensure that the Server location has been created. If not click on New.



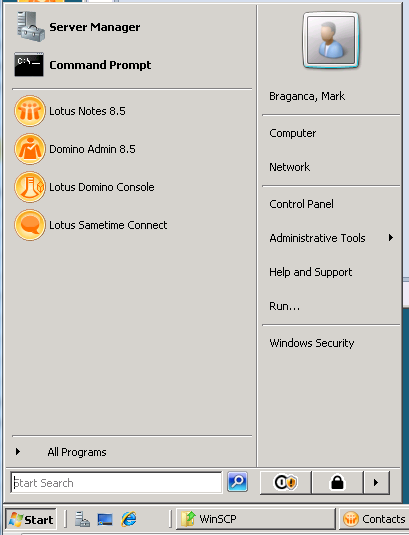
Click on Location

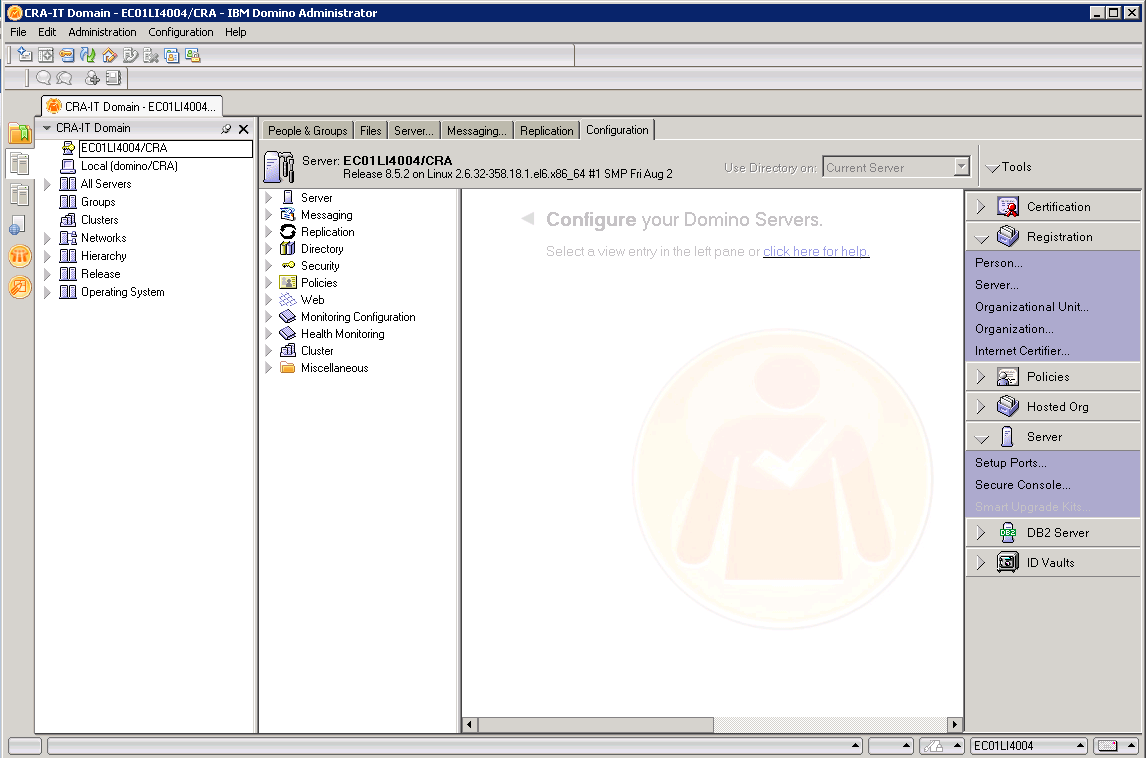


Add the Location name: EC24LI4004. Click on the Mail tab to ensure the Domino domain created earlier appears.



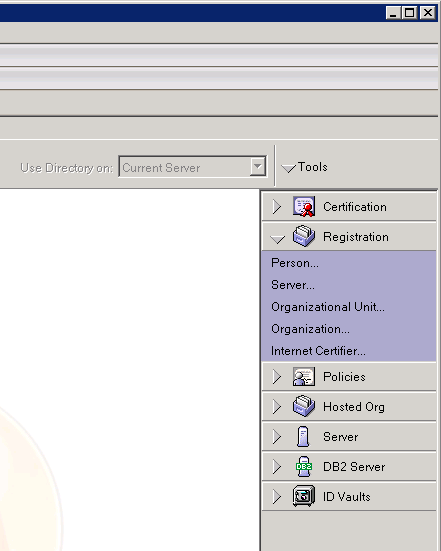
Open the Domino Administrator client.

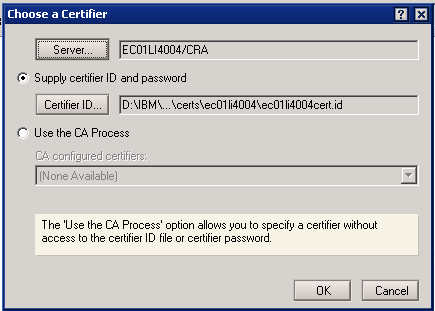




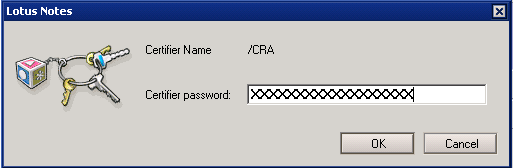
Click on the **Configuration** tab. Then

Click on the **Tools** navigator and **Registration>Server**

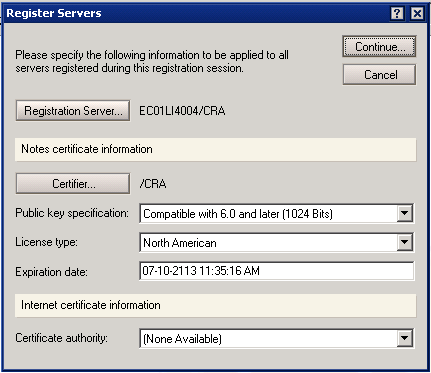




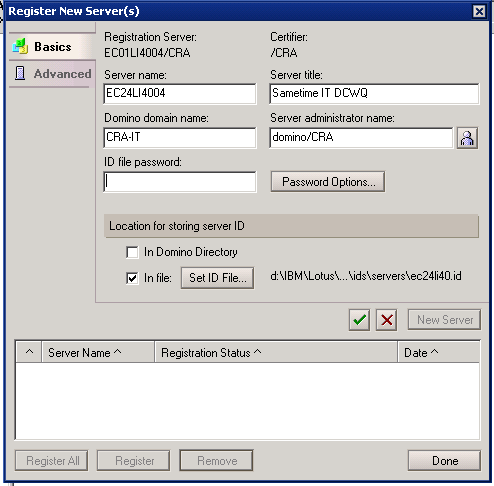
The Registration Server and Certifier ID should appear and click **OK**.



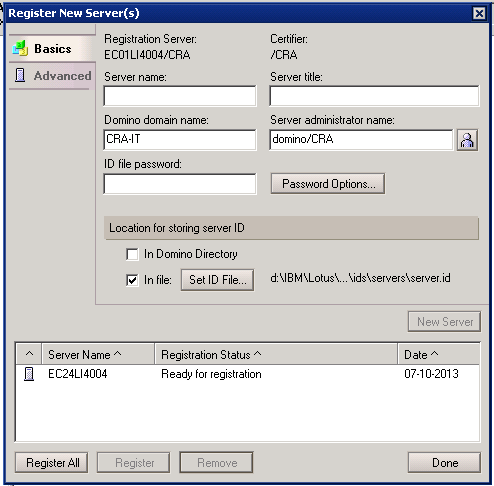
Add the Certifier password and click **OK.**



Click **Continue**



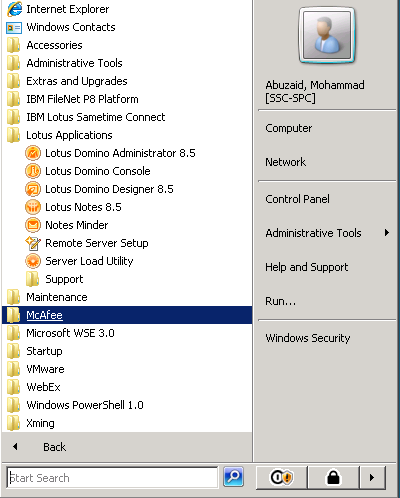
Add the Server name, Server title and leave the ID file password blank. Check the location for storing the server ID “In file:”. Click Set ID file and use the server name as the “filename.id”. Click on the green check box.

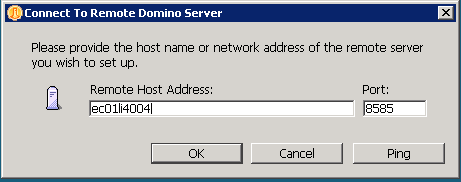


Click **Register all**  then **Done** and close the window.

Copy the id file to the /disk/data/sametime location on the new standby server using WINSCP

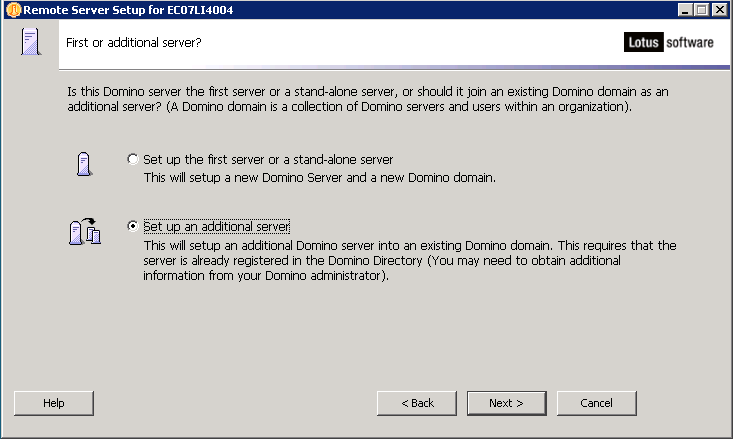
From the Start Menu.Programs: Select **Remote Server Setup**





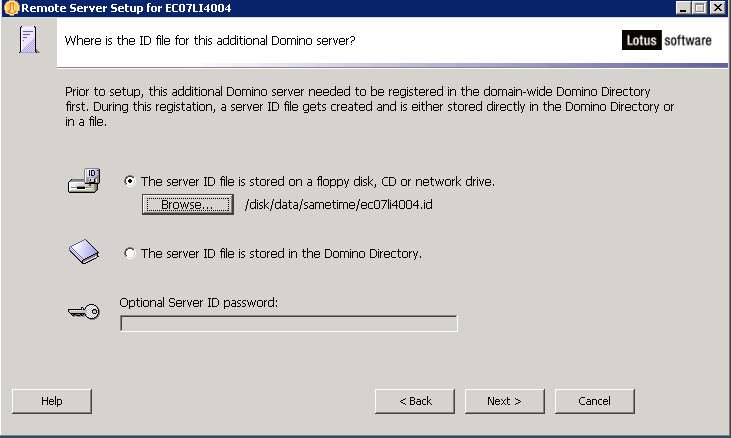
Enter the hostname

If you get a pop up asking to use an existing profile, answer “**No**”.



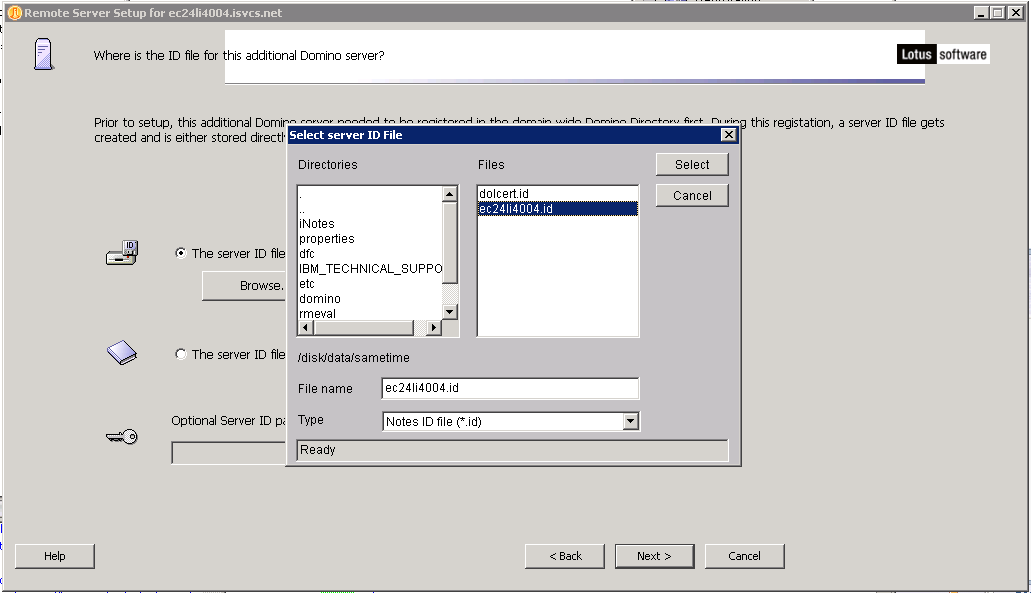
**Select Set up additional server**

**Click Next**

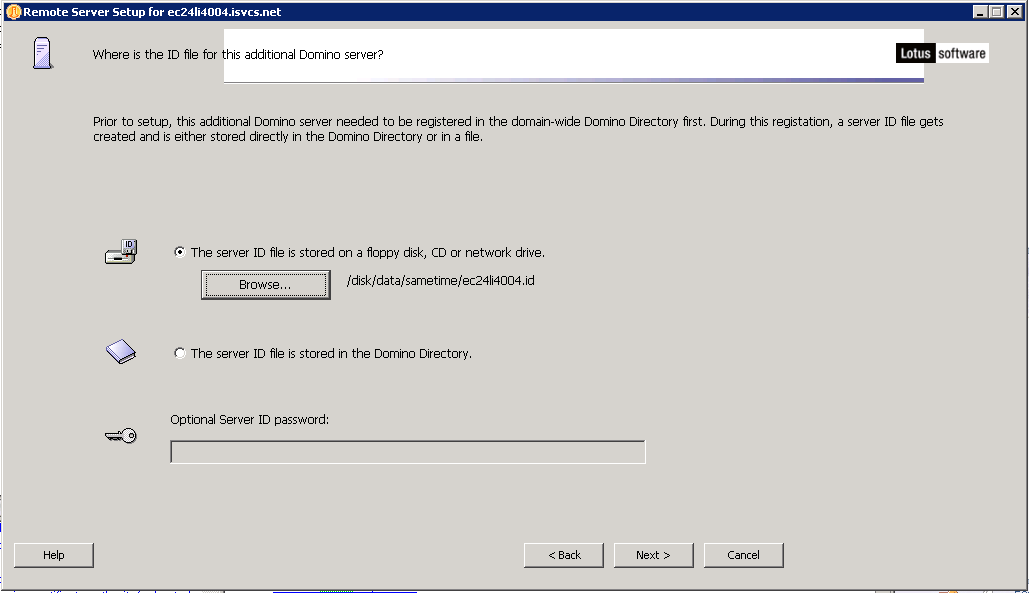


**Select The server ID file is stored on a floppy disk, CD or network drive**

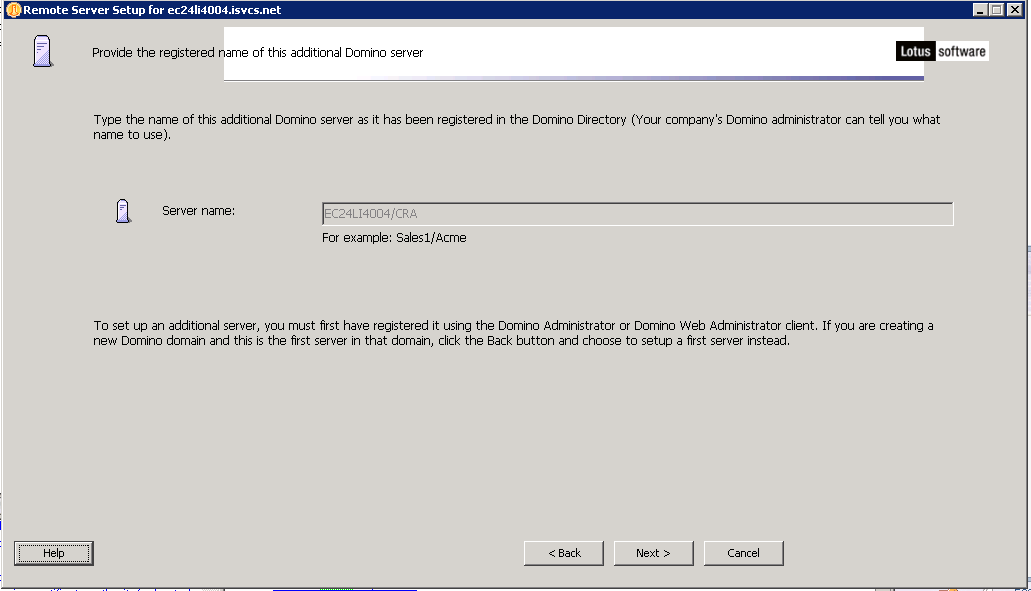
**Click Browse**



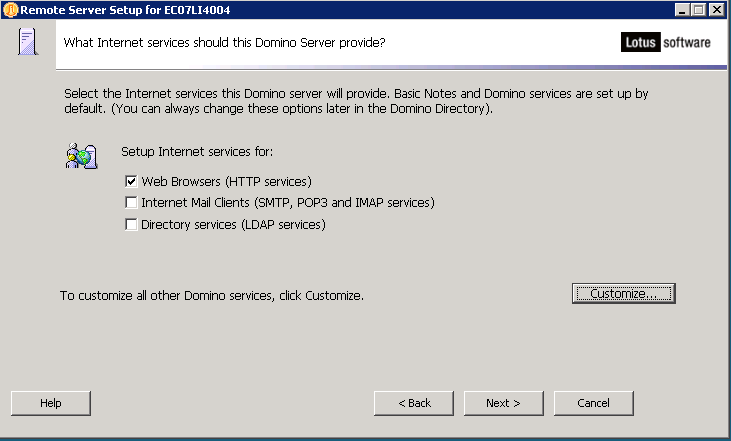
**Navigate to the location of the server ID and choose the Server ID then click Select**



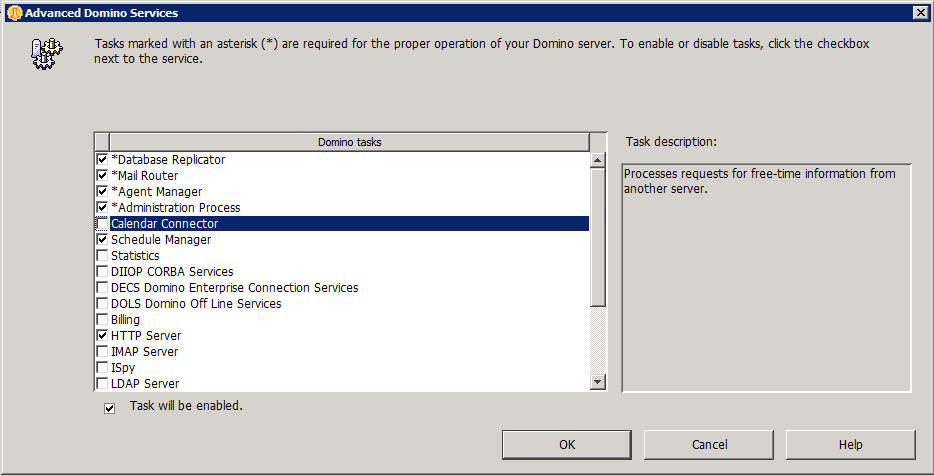
**Click Next**

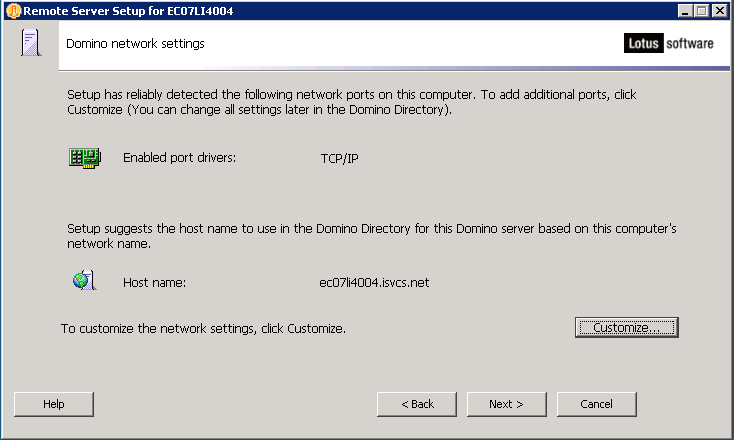


**Check sever name and click Next**

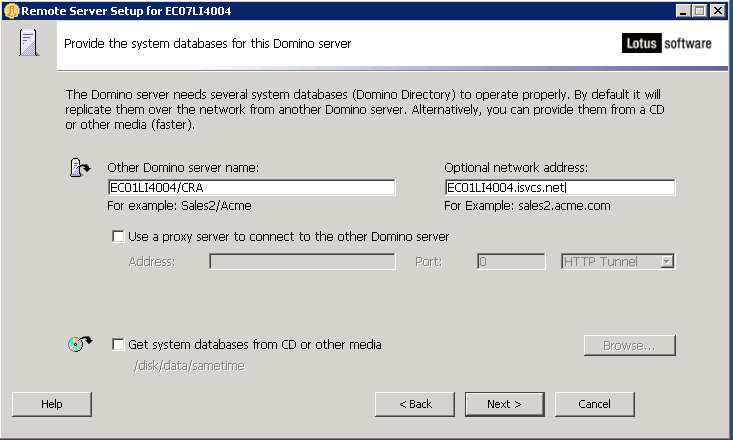


**Check Web Browsers (HTTP services) only. Click “Customize”.**

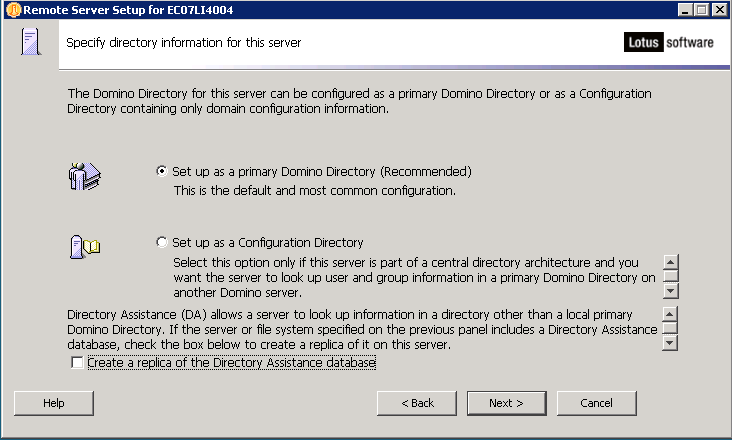
 Only leave the ones marked with **\***, and **Schedule Manger, Http Server**. Click **OK**.



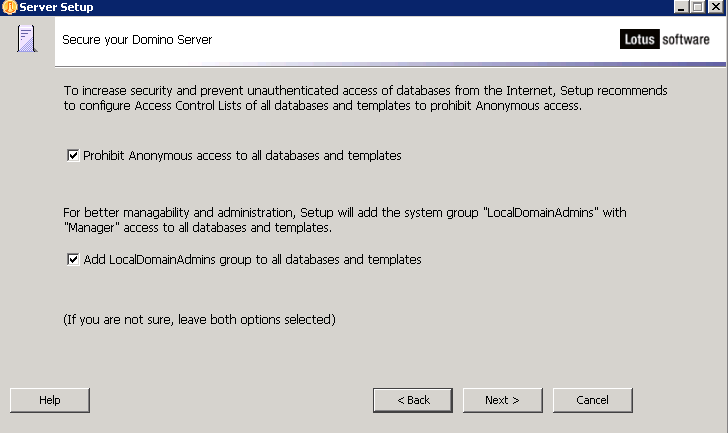
**Click Next**



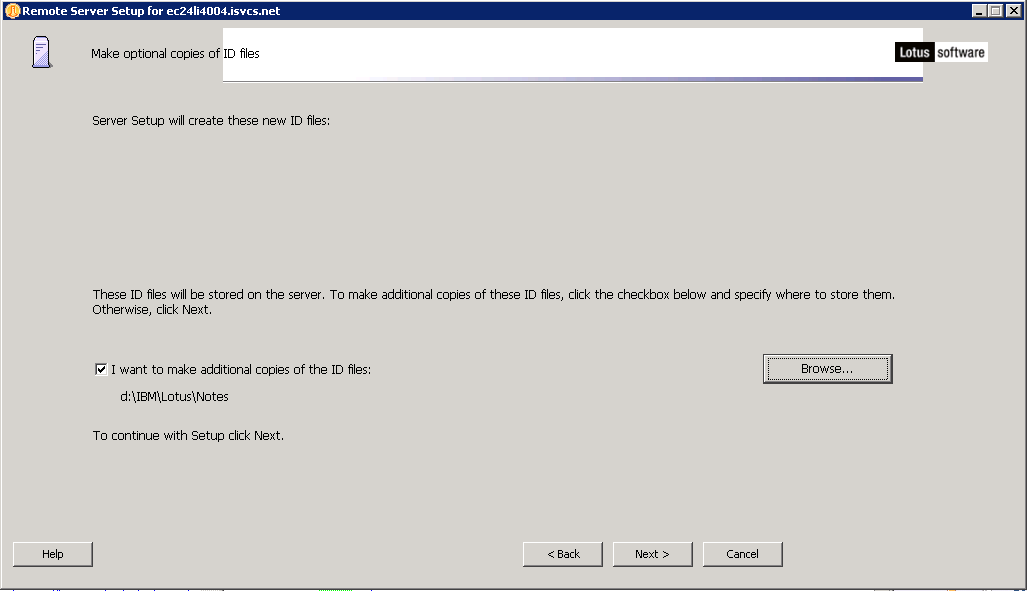
**Add the primary Domino Server name (e.g. EC01LI4004/CRA) and the network address (e.g. EC01LI4004.isvcs.net). Click “Next”.**



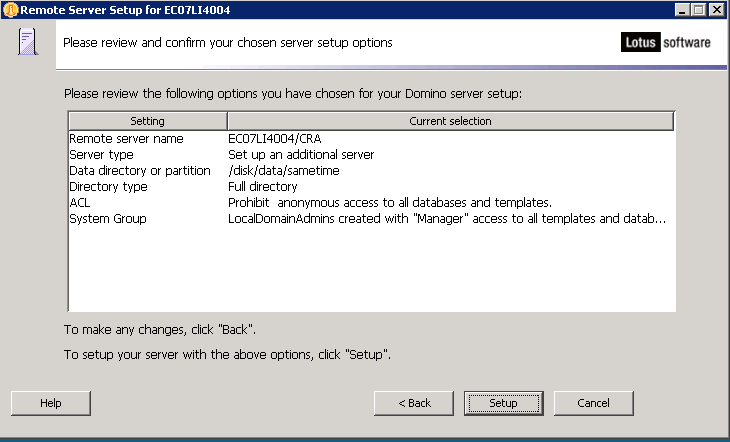
**Select Set up as a primary Domino Directory and click Next**



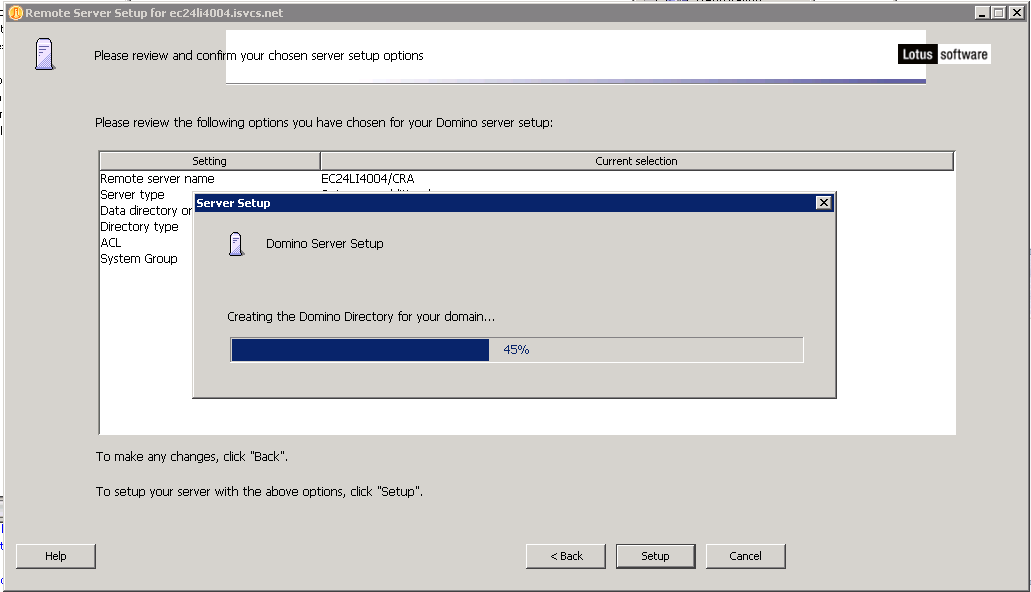
**Check both boxes and click Next**

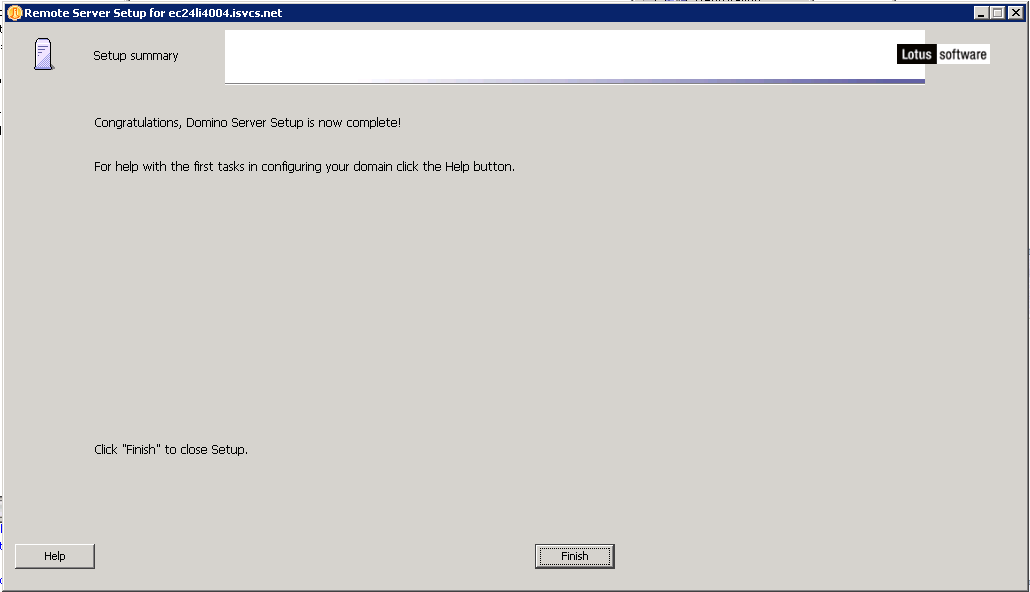


**Click I want to make additional copies of the ID files and click Browse for an appropriate location select and click Next**

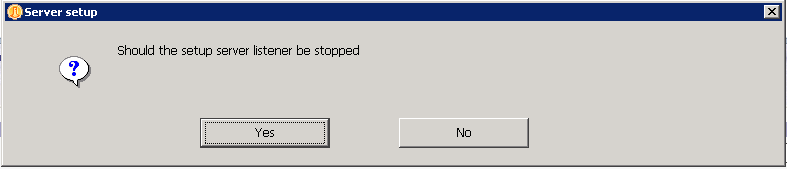


**Click Setup**





**Click Finish and stop the Listener Server**



**Click Yes**

## 8.6 Install Sametime Community Server

**You need to have a Community Server in place in the Sametime System Console before you can install other components. Ensure that the Domino server has started.**

### 8.6.1 Preparing the Sametime Community Server

Open theWebSphere Application Server console.

Open browser and go to: [**https://ec01li4003.isvcs.net:8701/ibm/console**](https://ec01li4003.isvcs.net:8701/ibm/console)

Expand *Sametime System Console*

Expand *Sametime Guided Activities*

Click **Install Sametime community server**

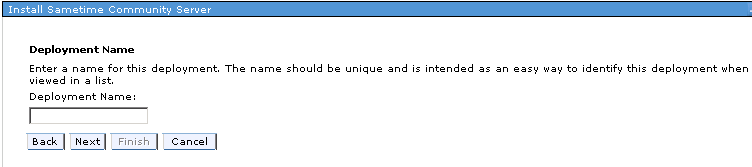


Click **Create a New Deployment Plan**



Click **Next**.

*Deployment Name*

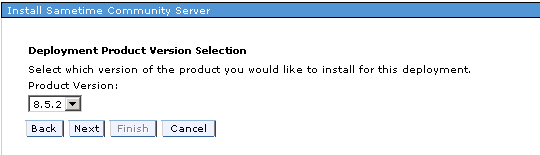


Specify a unique, recognizable deployment name that includes the installation and node type, such as stComm. You can include multibyte characters, symbols, and spaces in the name. The name can be up to 256 characters and is not case sensitive. The name is shown only in the system console.

Use **Community\_state\_Site**; example:Community\_UT\_DCH

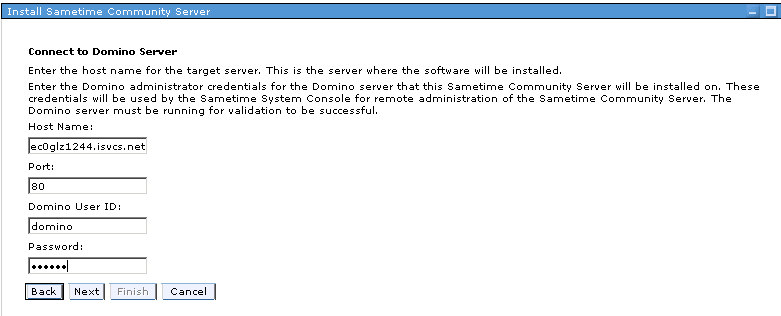
Click **Next**.

*Deployment Product Version Selection*



Select the product version that you want to install, and then click **Next**.

*Connect to Domino Server*



Provide the fully qualified host name for this community server: i.e. **ec01li4003.isvcs.net**

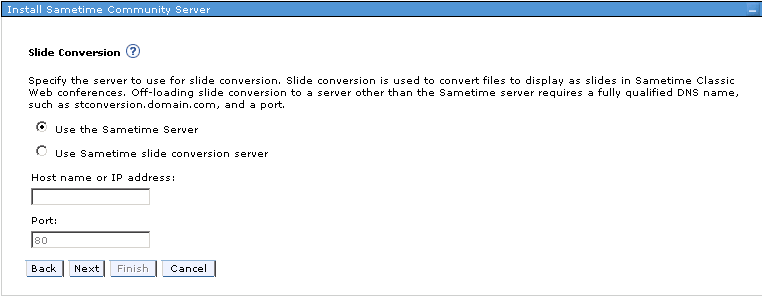
(Do not use an IP address or the host's short name.)  
  
Leave **80** as the default port unless you are using another port for the HTTP server.  
  
Enter the existing/primary Lotus Domino administrator's user ID: **domino**

and password: XXXXXX

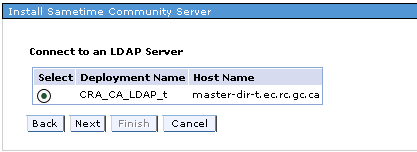
Click **Next**.  
  
Use the common-name portion of the ID, not the hierarchical name that includes slashes. The system console validates the administrator credentials on the Lotus Domino server.

*Slide Conversion.*

Select **Use the Sametime server** to host the slide conversion feature on the current server, and then click **Next**.



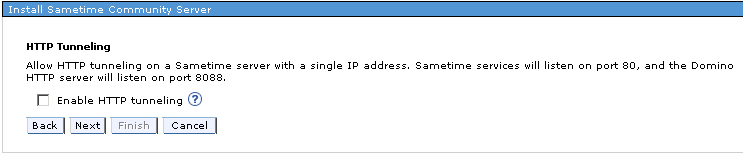
*Connect to an LDAP Server*



Click the LDAP directory that you configured with the system console guided activity.

Click **Next**.

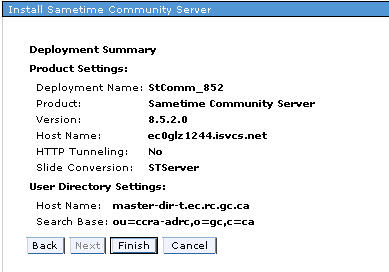
*HTTP Tunneling*



Do not select *Enable HTTP Tunneling*

Click **Next**.  
  
Selecting this feature increases the possibility that users in restrictive network environments can exchange data in chats on a community server that is extended to the Internet.

*Deployment Summary*



Review the summary page, and then click **Finish**.  
  
The deployment plan is ready to be used for the server installation. If you need to make any changes, click **Modify an Existing Deployment Plan** and update the plan. All changes must be made prior to running the installation

### 8.6.2 Installing the Sametime Community Server Software

All Lotus Domino *services* must be *stopped*.

*Start the installation*

Navigate to the folder /disk/staging/stinstallfiles/SametimeStandardServer/Server

Start the installation program by entering the following commands:

**sudo ./setuplinux.bin -console**

Initializing Wizard........

Launching InstallShield Wizard........

Select a language to be used for this wizard.

[ ] 1 - Czech

[ ] 2 - Danish

[ ] 3 - German

[ ] 4 - Greek

[X] 5 - English

[ ] 6 - Spanish

[ ] 7 - Finnish

[ ] 8 - French

[ ] 9 - Hungarian

[ ] 10 - Italian

[ ] 11 - Japanese

[ ] 12 - Korean

[ ] 13 - Dutch

[ ] 14 - Norwegian

[ ] 15 - Polish

[ ] 16 - Portuguese

[ ] 17 - Portuguese (Brazil)

[ ] 18 - Russian

[ ] 19 - Swedish

[ ] 20 - Turkish

[ ] 21 - Simplified Chinese

[ ] 22 - Traditional Chinese

To select an item enter its number, or 0 when you are finished: [0] **0**

IBM Lotus Sametime Server 8.5.2

Welcome to IBM Lotus Sametime Server 8.5.2

This wizard installs IBM Lotus Sametime Server 8.5.2 on your computer.

To continue, choose Next.

Press 1 for Next, 3 to Cancel or 5 to Redisplay [1] **1**

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to accept the agreement, "2" to decline it or "99" to go back to the

previous screen.

**1**

-------------------------------------------------------------------------------

IBM Lotus Sametime Server 8.5.2

Choose your Lotus Domino Data directory. This should be the same directory name

specified during the installation of your Domino server.

Domino data directory install location [/local/notesdata/] **/disk/data/sametime**

Press 1 for Next, 2 for Previous, 3 to Cancel or 5 to Redisplay [1] **1**

IBM Lotus Sametime Server 8.5.2

Enter your Domino Server information.

Domino UNIX user name: [notes] **notes**

Domino UNIX group name: [notes] **notes**

Fully Qualified Domino Server Hostname [EC0GLZ1244] **ec01li4004.isvcs.net**

Press 1 for Next, 2 for Previous, 3 to Cancel or 5 to Redisplay [1] **1**

-------------------------------------------------------------------------------

IBM Lotus Sametime Server 8.5.2

Wait while the install detects whether the Domino server ID has a password...

-------------------------------------------------------------------------------

IBM Lotus Sametime Server 8.5.2

The Sametime System Console server centralizes configuration information and

guides the deployment of Sametime servers. By selecting Yes, all configuration

information will be retrieved from the Sametime System Console server as part

of a Guided Activity. See the Sametime Information Center for more details.

Use the Sametime System Console?

[X] 1 - Yes

[ ] 2 - No

To select an item enter its number, or 0 when you are finished: [0] **0**

Press 1 for Next, 2 for Previous, 3 to Cancel or 5 to Redisplay [1] **1**

-------------------------------------------------------------------------------

IBM Lotus Sametime Server 8.5.2

Sametime System Console hostname: [] **ec0glz1242.isvcs.net**

[X] 1 - Use SSL

To select an item enter its number, or 0 when you are finished: [0] **0**

Sametime System Console port: [9443]

Sametime System Console administrator: [] **wasadmin*xx***

Sametime System Console password: **XXXXXXXX**

Press 1 for Next, 2 for Previous, 3 to Cancel or 5 to Redisplay [1] **1**

relativeUrlFormat : /console/deployment/list?Hostname=param0&ProductType=param1&OffVersion=param2

-------------------------------------------------------------------------------

IBM Lotus Sametime Server 8.5.2

The following deployment plans were found. Select one before continuing.

[ ] 1 - StComm\_852

To select an item enter its number, or 0 when you are finished: [0] **1**

Enter 0 to continue or 1 to make another selection: [0] **0**

relativeUrlFormat : /console/deployment?DepId=param0

Press 1 for Next, 2 for Previous, 3 to Cancel or 5 to Redisplay [1] **1**

-------------------------------------------------------------------------------

IBM Lotus Sametime Server 8.5.2

IBM Lotus Sametime Server 8.5.2 is ready to install with the following

settings:

Domino program directory: /disk/apps/sametime/lotus/notes/85020/linux

Domino data directory: /disk/data/sametime

Use Sametime System Console: true

Domino user: notes

Domino group: notes

Hostname: ec01li4004.isvcs.net

Directory Type: LDAP

LDAP Server: master-dir-t.ec.rc.gc.ca:389

Remote Conversion: false

HTTP Tunneling: false

If you want to review or change any settings, choose Back. If you are satisfied

with the settings, choose Install to begin copying files.

Press 1 for Next, 2 for Previous, 3 to Cancel or 5 to Redisplay [1] **1**

-------------------------------------------------------------------------------

IBM Lotus Sametime Server 8.5.2

Installing IBM Lotus Sametime Server 8.5.2. Please wait...

0 % complete

10 % complete

20 % complete

30 % complete

40 % complete

50 % complete

60 % complete

70 % complete

80 % complete

90 % complete

100 % complete

Creating uninstaller...

Finalizing the Vital Product Data Registry. Please wait...

-------------------------------------------------------------------------------

IBM Lotus Sametime Server 8.5.2

The InstallShield Wizard has successfully installed IBM Lotus Sametime Server

8.5.2. Choose Finish to exit the wizard.

Press 3 to Finish or 5 to Redisplay [3] **3**

### 8.6.3 Restart the Domino Sametime Server

[myb046@EC01LI4004 sametime]$ **su - notes**

Password: **XXXXXX**

**cd /disk/data/sametime**

[notes@EC0GLZ1244 sametime]$ **/disk/apps/sametime/lotus/bin/server**

The server will now start in the console.

Verify the system is running with the Domino Administrator client. OR

Check the following URL

<http://hostname.isvcs.net/servlet/auth/admin>

for example: <http://ec01li4004.isvcs.net/servlet/auth/admin>

Login using Domino generic account

### 8.6.4 Installing the Sametime Community Server Interim Release 1 (IFR1) Software

*Before you begin:*

All Lotus Domino *services* must be *stopped.* Use the Domino Administrator client server console on the Windows system to shut down the server or type **exit** on the Domino system console on the server.

*Start the installation*

From the installation directory for **IBM Lotus Sametime Community Server 8.5.2 IFR 1***,* **/disk/staging/stinstallfiles/SametimeServer/** run:

**sudo ./setuplinux.bin -console**

Initializing Wizard........

Launching InstallShield Wizard........

-------------------------------------------------------------------------------

Select a language to be used for this wizard.

[ ] 1 - Arabic

[ ] 2 - Czech

[ ] 3 - Danish

[ ] 4 - Dutch

[X] 5 - English

[ ] 6 - Finnish

[ ] 7 - French

[ ] 8 - German

[ ] 9 - Greek

[ ] 10 - Hebrew

[ ] 11 - Hungarian

[ ] 12 - Italian

[ ] 13 - Japanese

[ ] 14 - Korean

[ ] 15 - Norwegian

[ ] 16 - Polish

[ ] 17 - Portuguese

[ ] 18 - Portuguese (Brazil)

[ ] 19 - Russian

[ ] 20 - Simplified Chinese

[ ] 21 - Spanish

[ ] 22 - Swedish

[ ] 23 - Traditional Chinese

[ ] 24 - Turkish

To select an item enter its number, or 0 when you are finished: [0] **0**

-------------------------------------------------------------------------------

IBM Lotus Sametime 8.5.2 IFR 1

Welcome to the InstallShield Wizard for IBM Lotus Sametime 8.5.2 IFR 1

The InstallShield Wizard will install IBM Lotus Sametime 8.5.2 IFR 1 on your

computer.

To continue, choose Next.

IBM Lotus Sametime 8.5.2 IFR 1

IBM

http://www.ibm.com/lotus/sametime

Press 1 for Next, 3 to Cancel or 5 to Redisplay [1] **1**

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Press Enter to continue viewing the license agreement, or, Enter "1"

to accept the agreement, "2" to decline it or "99" to go back to the

previous screen.

**1**

-------------------------------------------------------------------------------

IBM Lotus Sametime 8.5.2 IFR 1

Choose your Lotus Domino Data directory. This should be the same directory name

specified during the installation of your Domino server.

Domino data directory install location [/local/notesdata] /disk/data/sametime

Press 1 for Next, 2 for Previous, 3 to Cancel or 5 to Redisplay [1] **1**

-------------------------------------------------------------------------------

IBM Lotus Sametime 8.5.2 IFR 1

IBM Lotus Sametime 8.5.2 IFR 1 will be installed in the following location:

/disk/data/sametime

for a total size:

127.6 MB

Press 1 for Next, 2 for Previous, 3 to Cancel or 5 to Redisplay [1] 1

-------------------------------------------------------------------------------

IBM Lotus Sametime 8.5.2 IFR 1

Installing IBM Lotus Sametime 8.5.2 IFR 1. Please wait...

|-----------|-----------|-----------|------------|

0% 25% 50% 75% 100%

||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

Creating uninstaller...

Finalizing the Vital Product Data Registry. Please wait...

-------------------------------------------------------------------------------

IBM Lotus Sametime 8.5.2 IFR 1

The InstallShield Wizard has successfully installed IBM Lotus Sametime 8.5.2

IFR 1. Choose Finish to exit the wizard.

Press 3 to Finish or 5 to Redisplay [3] 3

*Restart the Domino Sametime Server*

[myb046@EC0GLZ1244 sametime]$ **su - notes**

Password: **XXXXXX**

[notes@ EC01LI4004 ]$ **cd /disk/data/sametime**

[notes@EC01LI4004 sametime]$ **/disk/apps/sametime/lotus/bin/server**

The server will now start in the console.

Verify the system is running with the Domino Administrator client

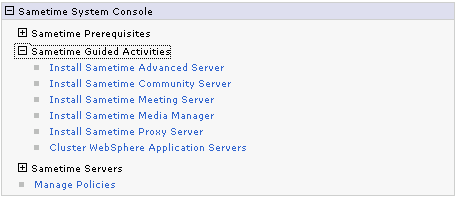
## 8.7 Install Sametime 8.5.2 Proxy Server

### 8.7.1 Create the Proxy server deployment plan

Open theWebSphere Application Server console Open browser and go to [**https://ec01li4003.isvcs.net:8701/ibm/console**](https://ec01li4003.isvcs.net:8701/ibm/console)

Expand *Sametime System Console*

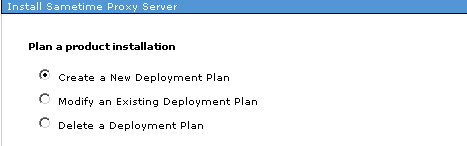
Expand *Sametime Guided Activities*



Click **Install Sametime Proxy Server**

Click **Add** in the adjacent window.

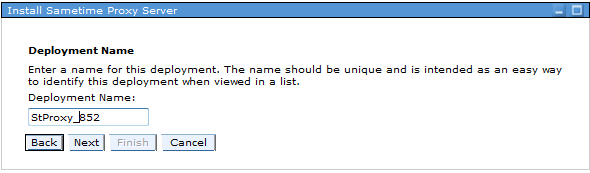
*Plan a product installation*



Select **Create New Deployment Plan**

Click **Next**

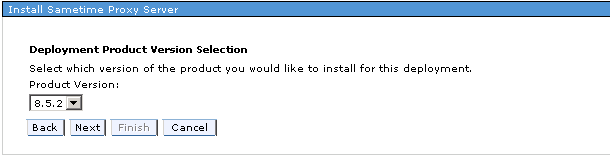
*Deployment Name*



Type **StProxy\_852** for *Deployment Name*

Click **Next**

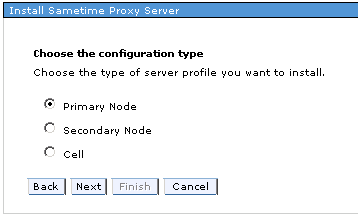
*Deployment Product Version Selection*



Select **8.5.2** from the drop down

Click **Next**

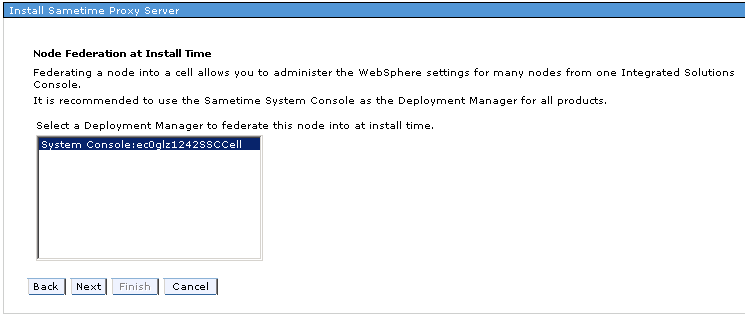
*Choose the configuration type*



Choose **Primary Node**

Click **Next**

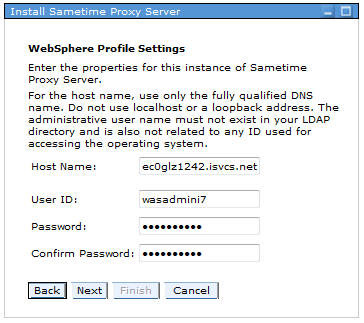
*Node Federation at Install Time*



Select a *Deployment Manager to federate*

Click **Next**

*WebSphere Profile Settings*



Type:

*Host Name:* **ec01li4003.isvcs.net**

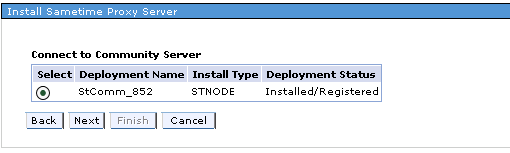
*User ID:* **wasadmini7**

*Password:* **XXXXXXX**

*Confirm Password:* **XXXXXXX**

Click **Next**

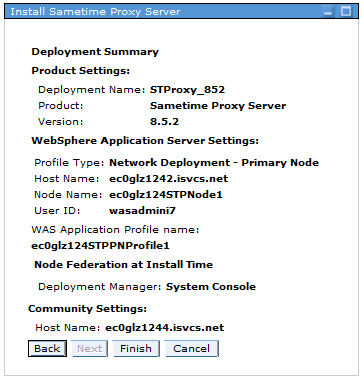
*Connect to Community Server*



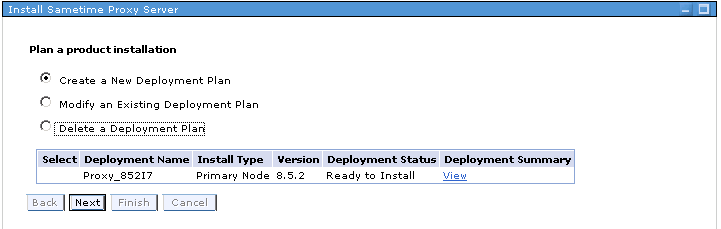
Select the *Community Server* you are using.

Click **Next**

*Deployment Summary*



Review the summary page, and then click **Finish**.



Deployment status should read *Ready to Install*.

### 8.7.2 Silent Install of the Proxy Server Software using the response file

Install using the Installation Manager.

*Format for silent install*

**cd**  **/disk/apps/InstallationManager/eclipse**

**sudo ./IBMIM --launcher.ini silent-install.ini -input /disk/staging/stinstallfiles/Response\_Files/IP\_ssc.xml -log /disk/logs/sametime/psinstalllog.xml –acceptLicense**

job InstallJob in IBMÂ® SametimeÂ® Server Platform; com.ibm.lotus.sametime.proxyserver 8.5.2.20110517\_1913 features: CEMain,nossc,ssc

job InstallJob in IBMÂ® SametimeÂ® Server Platform; com.ibm.lotus.sametime.proxyserver 8.5.2.20110517\_1913 features: CEMain,nossc,ssc

job InstallJob in IBMÂ® SametimeÂ® Server Platform; com.ibm.lotus.sametime.proxyserver 8.5.2.20110517\_1913 features: CEMain,nossc,ssc

relativeUrlFormat : /console/deployment/depNamelist?DepName=param0&ProductType=param1

relativeUrlFormat : /console/deployment?DepId=param0

relativeUrlFormat : /console/deployment?DepId=param0

true

before getting connection helper

Jun 21, 2013 9:07:21 AM com.ibm.websphere.management.AdminClientFactory

WARNING: ADMC0046W

Jun 21, 2013 9:07:21 AM com.ibm.ws.management.connector.interop.JMXClassLoader

WARNING: Could not find tmx4jTransform.jar in null/etc/tmx4jTransform.jar - Interoperability to older versions of WebSphere is disabled

Jun 21, 2013 9:07:21 AM com.ibm.ws.ssl.config.SSLConfigManager

INFO: ssl.disable.url.hostname.verification.CWPKI0027I

Jun 21, 2013 9:07:21 AM com.ibm.ws.security.config.SecurityObjectLocator

INFO: Client code attempting to load security configuration

Jun 21, 2013 9:07:21 AM com.ibm.ws.security.config.SecurityObjectLocator

INFO: Client code attempting to load security configuration

after getting connection helper

in isRemoteMbeanAvailable

getAdminClient

objectSet

Jun 21, 2013 9:07:22 AM com.ibm.sametime.console.admin.plugins.wsadmin.ClusterConfigImpl isRemoteServerTimeSynched

INFO: Comparing system clocks...

Jun 21, 2013 9:07:22 AM com.ibm.sametime.console.admin.plugins.wsadmin.ClusterConfigImpl isRemoteServerTimeSynched

INFO: System time on deployment manager: 1371820042048

Jun 21, 2013 9:07:22 AM com.ibm.sametime.console.admin.plugins.wsadmin.ClusterConfigImpl isRemoteServerTimeSynched

INFO: System time on node: 1371820042069

relativeUrlFormat : /console/deployment?DepId=param0

SSC is avaialble for Federation.

Federation lock acquired on SSC Dmgr.

### 8.7.3 Add the Proxy Server to the Community Server’s Trusted Servers IP List

Add the IP address of the proxy server to the Community Server's list of trusted IPs (you will need to restart the Community Server to force it to take effect quickly)

Open theWebSphere Application Server console.

Open browser and go to: [**https://ec01li4003.isvcs.net:8701/ibm/console**](https://ec01li4003.isvcs.net:8701/ibm/console)

Expand *Sametime System Console*

Expand *Sametime Servers*

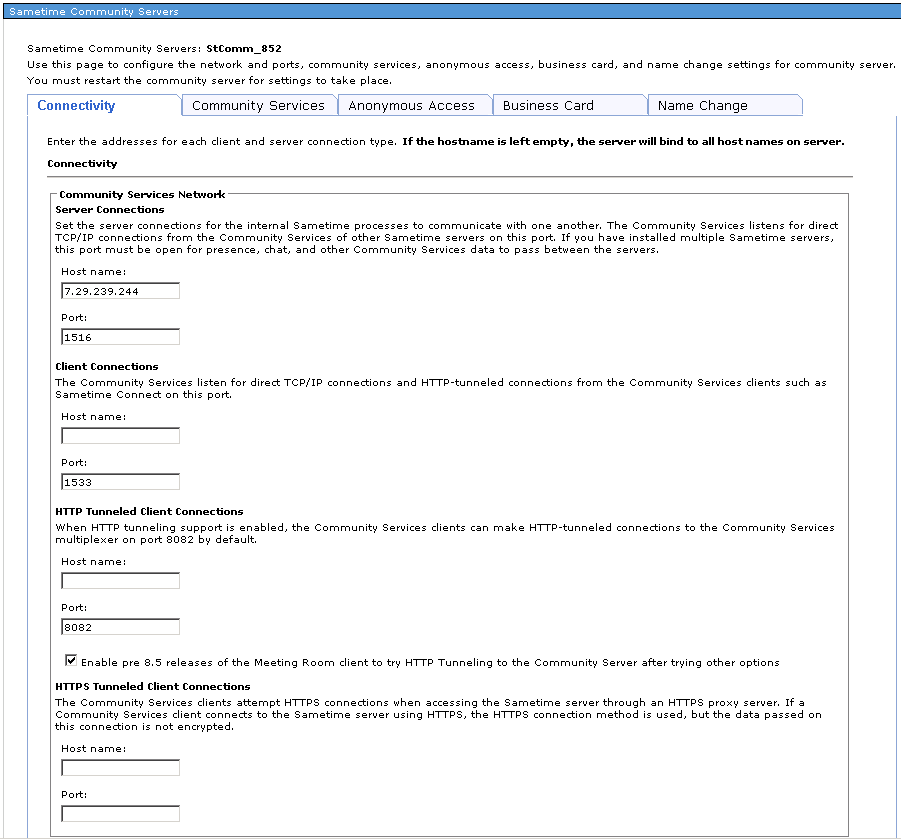


Click on **Sametime Community Servers**

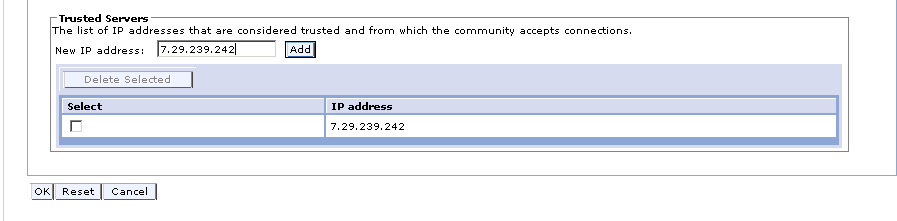
On the adjacent window



Click on **StComm\_852**



Scroll down to the bottom on the screen - *Trusted Servers*



Enter the IP address of the Proxy server (**7.27.239.242**) in the New IP address field and click on **Add**.

Then click **OK**.

### 8.7.4 Testing the Proxy Server

Try opening the Proxy server on http://hostname:9081/stwebclient/index.jsp

Example:

<http://ec01li4003:9081/stwebclient/index.jsp>

If in doubt, go into the Proxy Server under WebSphere Application Servers and choose "Ports" to see which port it has installed on

In the Meeting Server configuration enter the URL and port for the Proxy server under meetingroomcenter.stProxyAddress

*Additional Notes:*

The proxy server *must have* a different hostname than the Meeting Server and that hostname must be resolvable. If you're going to open your servers to the public network all hostnames must also be in public DNS.

## 8.8 Install Sametime Proxy Server IFR1

**TO BE DEPLOYED AFTER ALL 8.5.2 COMPONENTS ARE INSTALLED**

Install using the Installation Manager.

*Stop the Proxy Server*

**cd /disk/apps/sametime/WebSphere/AppServer/profiles/ec0glz124STPPNProfile1/bin**

**sudo ./stopServer.sh nodeagent -user wasadmini7 -password wasadmini7**

**sudo ./stopServer.sh STProxyServer -user wasadmini7 -password wasadmini7**

*Install the Hot Fix*

**cd**  **/disk/apps/InstallationManager/eclipse**

**sudo ./IBMIM --launcher.ini silent-install.ini –input /disk/staging/stinstallfiles/Response\_Files/IP\_hotfix.xml -log /disk/logs/sametime/IPhotfixlog.xml -acceptLicense**

**[**mxa134@EC01LI4003 eclipse]$ sudo ./IBMIM --launcher.ini silent-install.ini -input /disk/staging/stinstallfiles/Response\_Files/IP\_hotfix.xml -log /disk/logs/sametime/IPhotfixlog.xml -acceptLicense

Validating LDAP and database server connections

No LDAP connection in this deployment

No database connection for this deployment

Checking Sametime server status

Checking Sametime System Console status

Sametime System Console integration OK

True

To test Proxy, check URL http://hostname:9081/stwebclient/index.jsp Example:

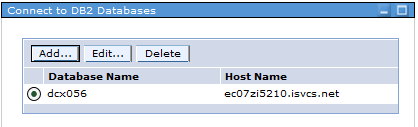
<http://ec01li4003:9081/stwebclient/index.jsp>

## 8.9 Install the Sametime Meeting Server

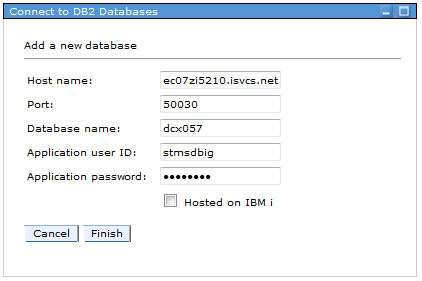
### 8.9.1 Connect to DB2 Database



Expand **Sametime System Console** and then **Sametime Prerequisites**



Click **Add …**



Host Name: **ec01zi5210.isvcs.net**

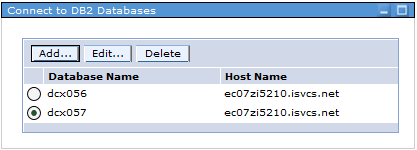
Port: **50030**

Database name: **dcx057**

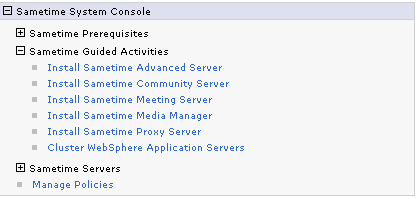
Application user ID: **stmsdbig**

Application password: **XXXXXXXXX**

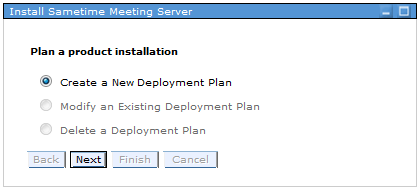
Click **Finish**



### 8.9.2 Create Sametime Meeting Server Deployment Plan

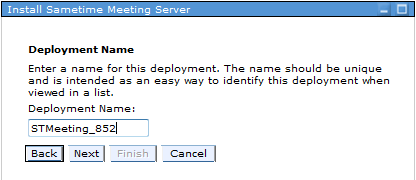


Expand **Sametime System Console** and then **Sametime Guided Activities**



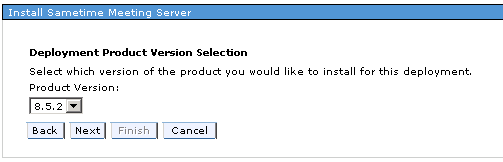
Select **Create a New Deployment Plan**

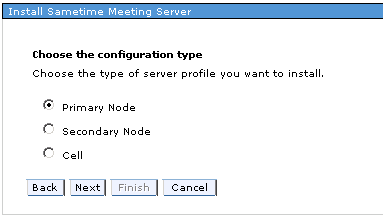
Click **Next**

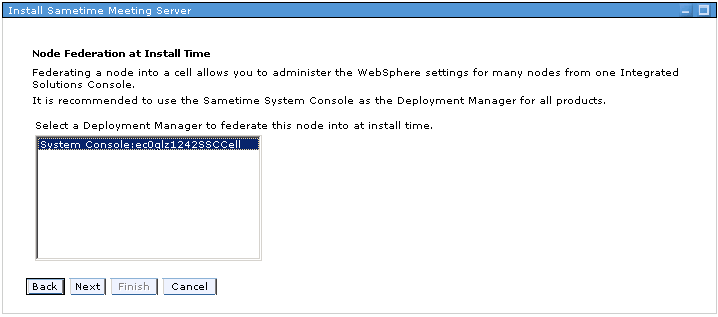


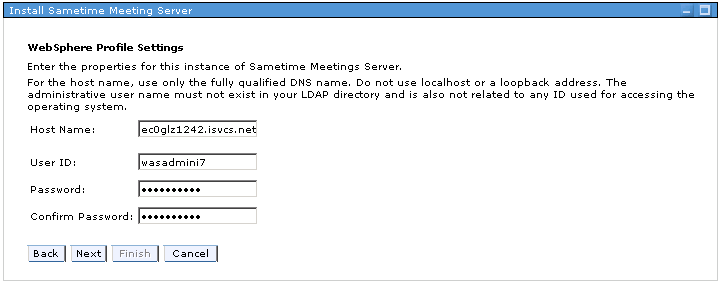
Add *Deployment Name* **STMeeting\_852** or other appropriate name.

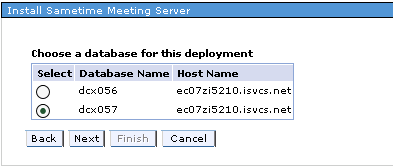
Click **Next**

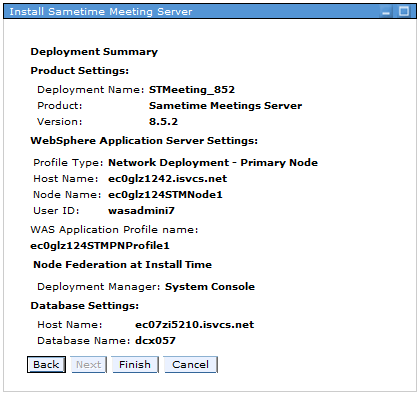


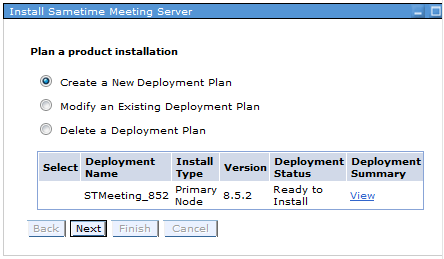












### 8.9.3 Install the Sametime Meeting Server using the response file

*Stop the Proxy Server*

**cd /disk/apps/sametime/WebSphere/AppServer/profiles/ec0glz124STPPNProfile1/bin**

**sudo ./stopServer.sh nodeagent -user wasadmini7 -password wasadmini7**

**sudo ./stopServer.sh STProxyServer -user wasadmini7 -password wasadmini7**

**sudo cp IMS\_ssc.rsp /disk/staging/stinstallfiles/Response\_Files/IMS\_ssc.xml**

Install using the Installation Manager.

**cd /disk/apps/InstallationManager/eclipse**

**sudo ./IBMIM --launcher.ini silent-install.ini -input /disk/staging/stinstallfiles/Response\_Files/IMS\_ssc.xml -log /disk/logs/sametime/msinstalllog.xml -acceptLicense**

job InstallJob in IBMÂ® SametimeÂ® Server Platform; com.ibm.lotus.sametime.meetingserver 8.5.2.20110517\_1648 features: CEMain,nossc,ssc,meeting

job InstallJob in IBMÂ® SametimeÂ® Server Platform; com.ibm.lotus.sametime.meetingserver 8.5.2.20110517\_1648 features: CEMain,nossc,ssc,meeting

job InstallJob in IBMÂ® SametimeÂ® Server Platform; com.ibm.lotus.sametime.meetingserver 8.5.2.20110517\_1648 features: CEMain,nossc,ssc,meeting

job InstallJob in IBMÂ® SametimeÂ® Server Platform; com.ibm.lotus.sametime.meetingserver 8.5.2.20110517\_1648 features: CEMain,nossc,ssc,meeting

relativeUrlFormat : /console/deployment/depNamelist?DepName=param0&ProductType=param1

relativeUrlFormat : /console/deployment?DepId=param0

relativeUrlFormat : /console/deployment?DepId=param0

true

before getting connection helper

Jun 25, 2013 3:35:31 PM com.ibm.websphere.management.AdminClientFactory

WARNING: ADMC0046W

Jun 25, 2013 3:35:31 PM com.ibm.ws.management.connector.interop.JMXClassLoader

WARNING: Could not find tmx4jTransform.jar in null/etc/tmx4jTransform.jar - Interoperability to older versions of WebSphere is disabled

Jun 25, 2013 3:35:32 PM com.ibm.ws.ssl.config.SSLConfigManager

INFO: ssl.disable.url.hostname.verification.CWPKI0027I

Jun 25, 2013 3:35:32 PM com.ibm.ws.security.config.SecurityObjectLocator

INFO: Client code attempting to load security configuration

Jun 25, 2013 3:35:32 PM com.ibm.ws.security.config.SecurityObjectLocator

INFO: Client code attempting to load security configuration

after getting connection helper

in isRemoteMbeanAvailable

getAdminClient

objectSet

Jun 25, 2013 3:35:32 PM com.ibm.sametime.console.admin.plugins.wsadmin.ClusterConfigImpl isRemoteServerTimeSynched

INFO: Comparing system clocks...

Jun 25, 2013 3:35:32 PM com.ibm.sametime.console.admin.plugins.wsadmin.ClusterConfigImpl isRemoteServerTimeSynched

INFO: System time on deployment manager: 1372188932565

Jun 25, 2013 3:35:32 PM com.ibm.sametime.console.admin.plugins.wsadmin.ClusterConfigImpl isRemoteServerTimeSynched

INFO: System time on node: 1372188932605

relativeUrlFormat : /console/deployment?DepId=param0

SSC is avaialble for Federation.

Federation lock acquired on SSC Dmgr.

To test Meeting server, login to <http://hostname:9082/stmeetings/login.jsp>

Example:

<http://ec07li4003:9082/stmeetings/login.jsp>

### 8.9.4 Install the Sametime Meeting Server Hot Fix with a response file

**TO BE DEPLOYED AFTER ALL 8.5.2 COMPONENTS ARE INSTALLED**

Install using the Installation Manager.

*Stop the Proxy Server*

**cd /disk/apps/sametime/WebSphere/AppServer/profiles/ec0glz124STPPNProfile1/bin**

**sudo ./stopServer.sh nodeagent -user wasadmini7 -password wasadmini7**

**sudo ./stopServer.sh STProxyServer -user wasadmini7 -password wasadmini7**

*Stop the Meeting Server*

**cd /disk/apps/sametime/WebSphere/AppServer/profiles/** **ec0glz124STMPNProfile1/bin**

**sudo ./stopServer.sh nodeagent -user wasadmini7 -password wasadmini7**

**sudo ./stopServer.sh STMeetingServer -user wasadmini7 -password wasadmini7**

*Install the Hot Fix*

cd /disk/apps/InstallationManager/eclipse

**sudo ./IBMIM --launcher.ini silent-install.ini –input /disk/staging/stinstallfiles/Response\_Files/IMS\_hotfix.xml -log /disk/logs/sametime/IMShotfixlog.xml –acceptLicense**

Validating LDAP and database server connections

No LDAP connection in this deployment

Database connection validated

Checking Sametime server status

Sametime server status OK

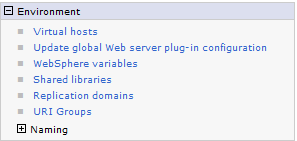
Checking Sametime System Console status

Sametime System Console integration OK

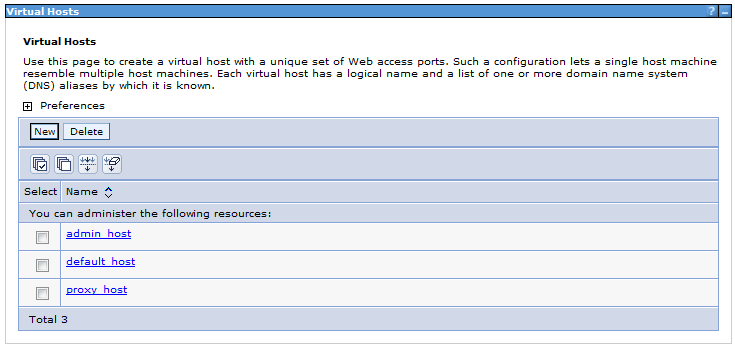
## 8.10 Create Sametime Proxy Server Virtual Host

Open the WAS console

Expand Environment



Click on **Virtual hosts**

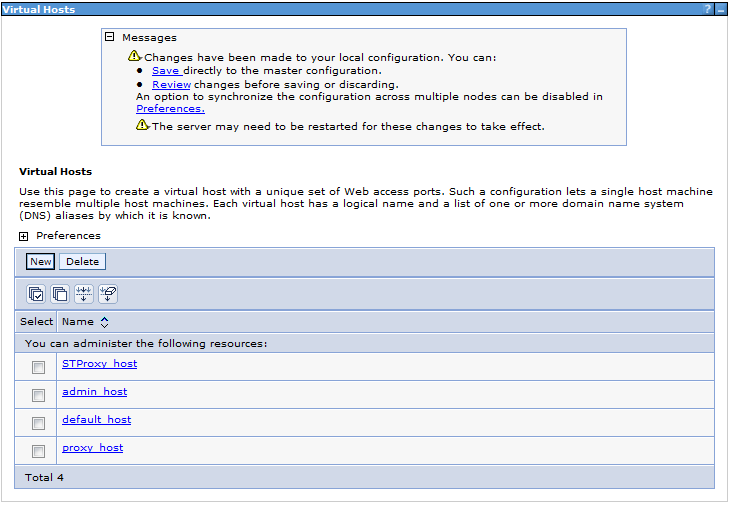


Click on **New**

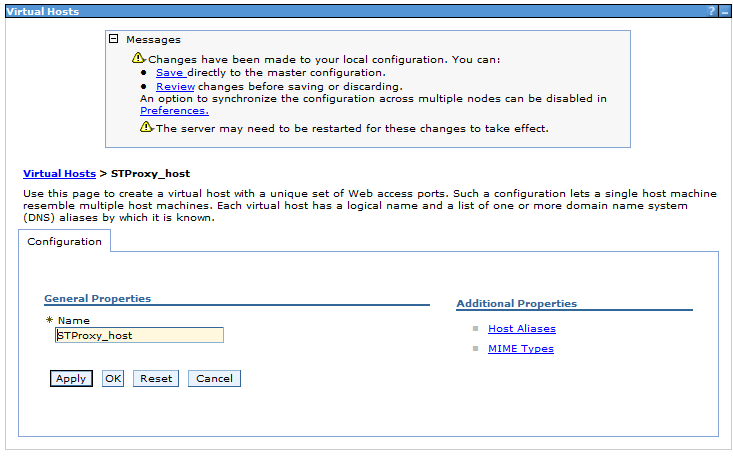


Fill in Name: **STProxy\_host**

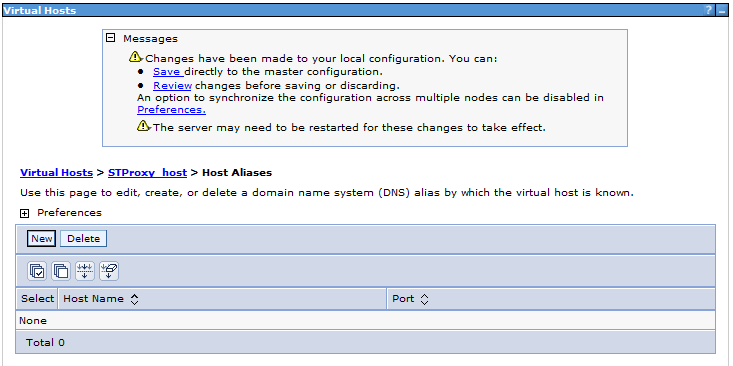
Click **OK**



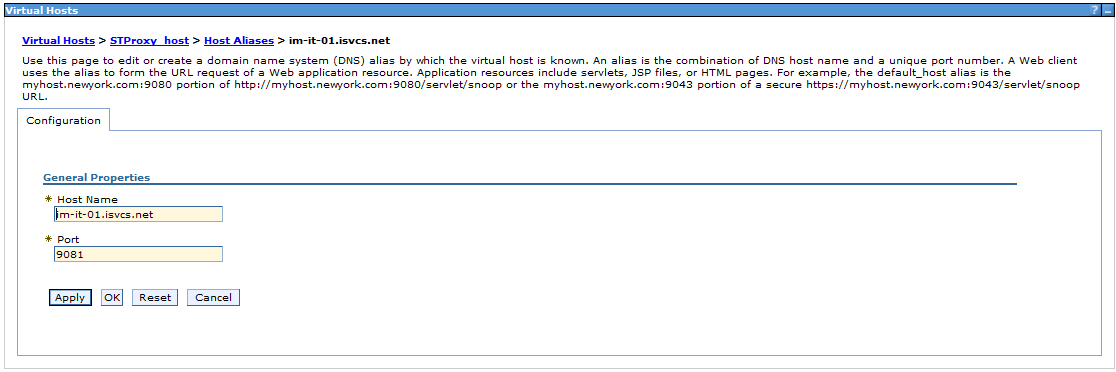
Click on **STProxy\_host**



Click on **Host Aliases**



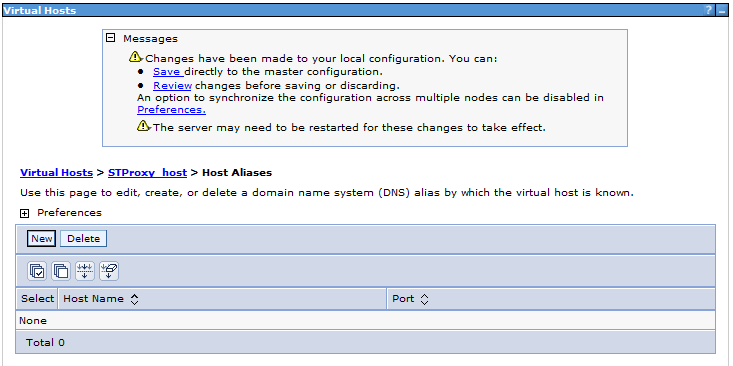
Click on **New**



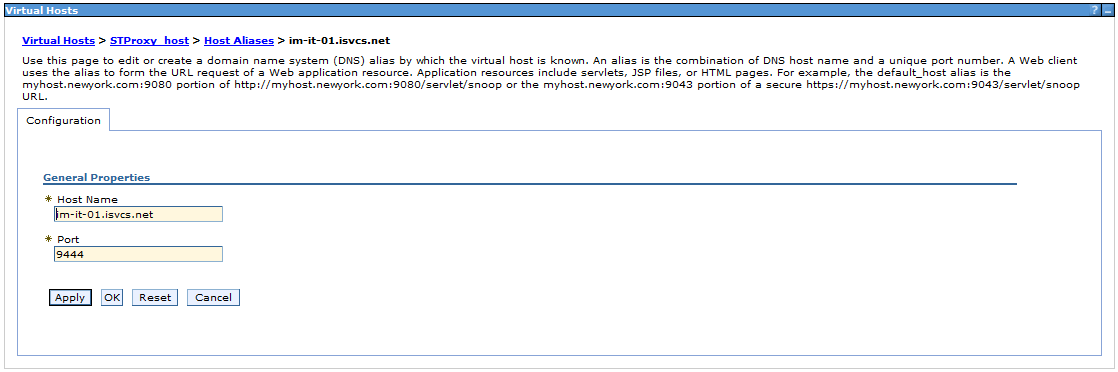
Fill in Host Name : **im-it-01.isvcs.net**

Fill in Port: **9081**

Click **OK**



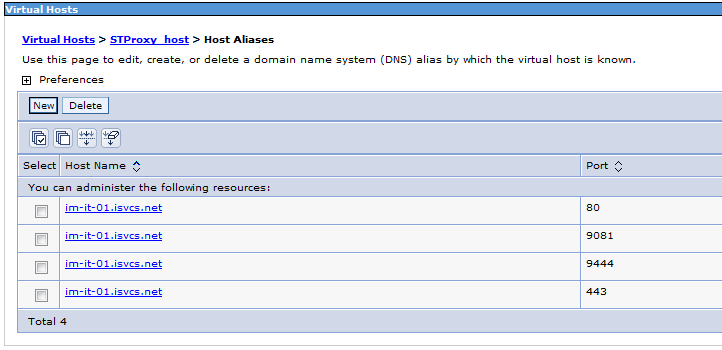
Click **New** to create another port



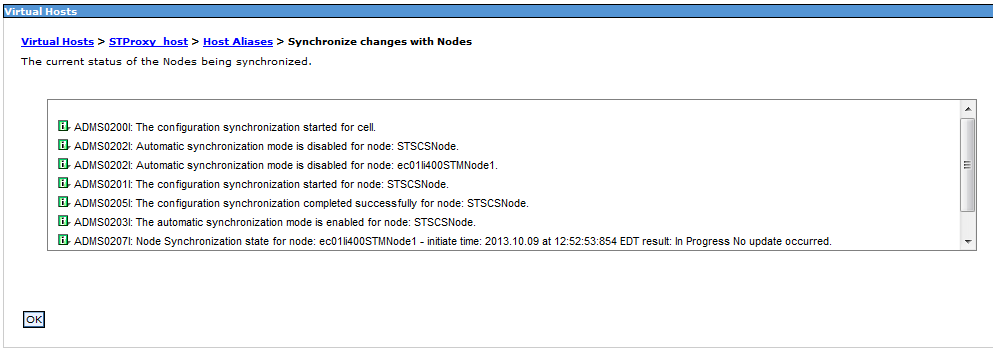
Fill in Host Name : **im-it-01.isvcs.net**

Repeat fill in Port: **9444, 80 and 443**

Click **OK**

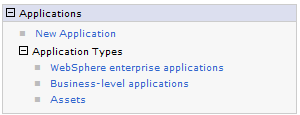


Click **Save**

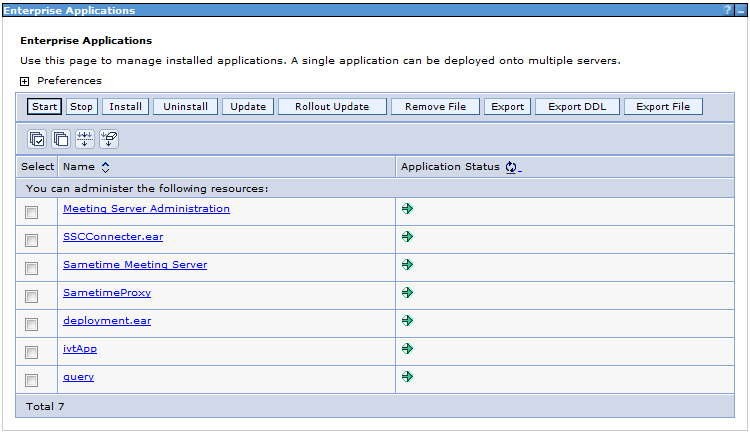


Click **OK**

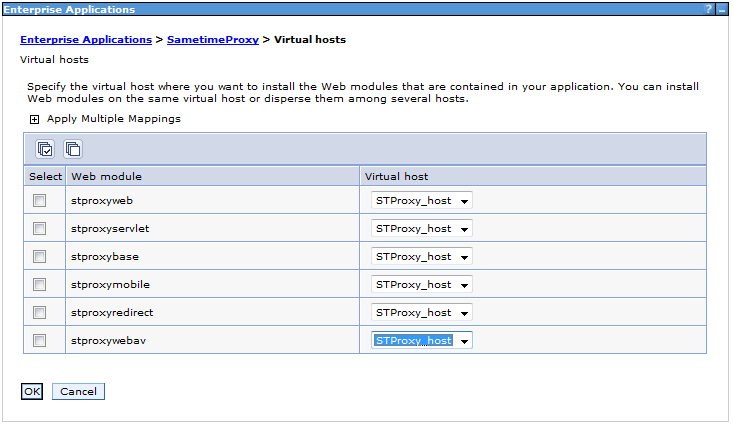
### 8.10.1 Configure Sametime Proxy Server Virtual Host



Click on **Applications>Application Types>WebSphere enterprise applications**

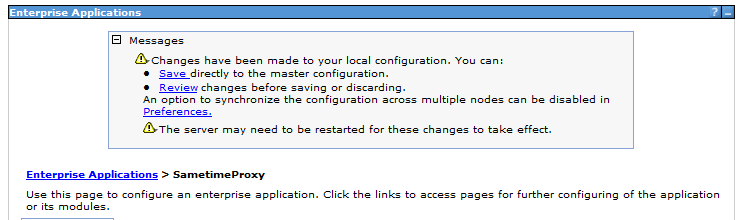


Double click **Sametimeproxy**



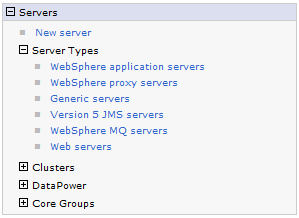
For each of the drop downs, select **STProxy\_host**

Click **OK**

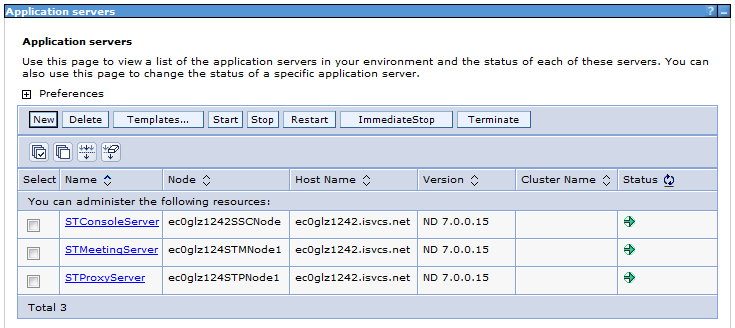


Click **Save**

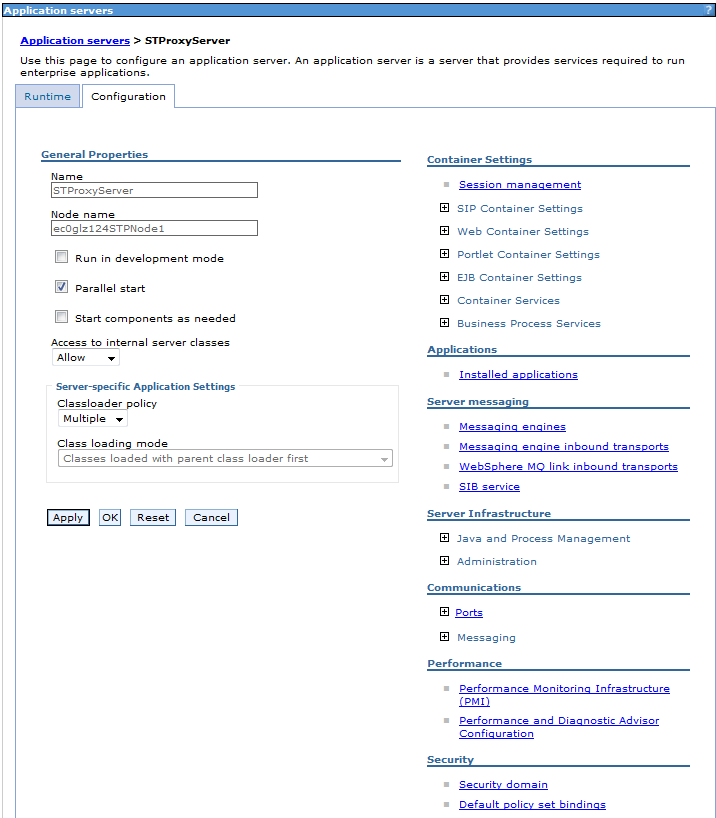
### 8.10.2 Configure Sametime Proxy Server Ports



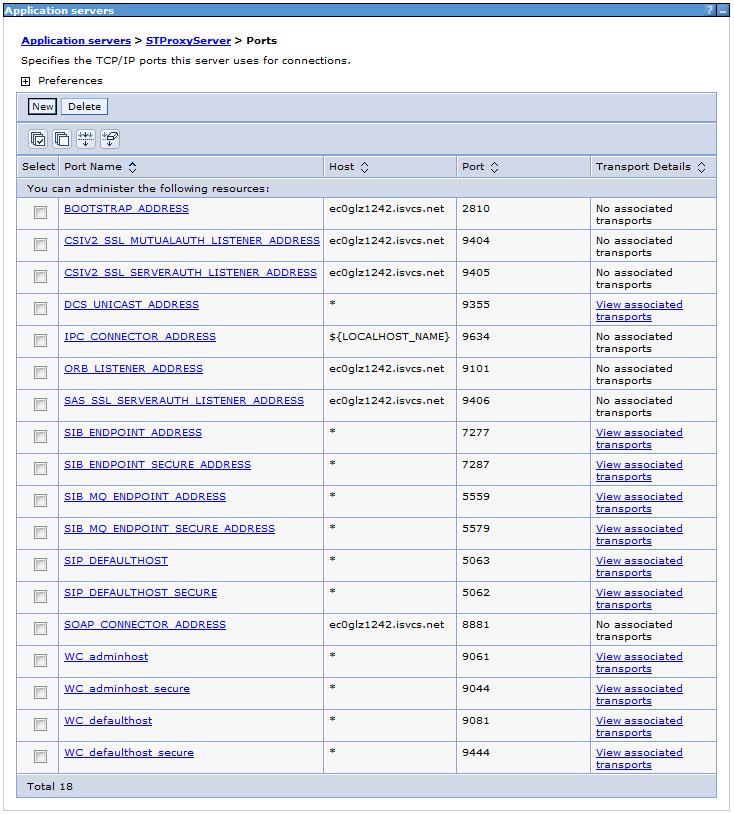
Click on **Servers>Server types>WebSphere application servers**



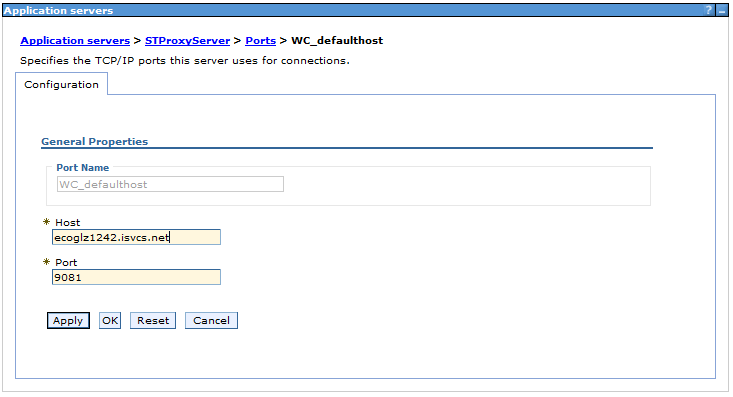
Click on **STProxyServer**



Click on **Ports**



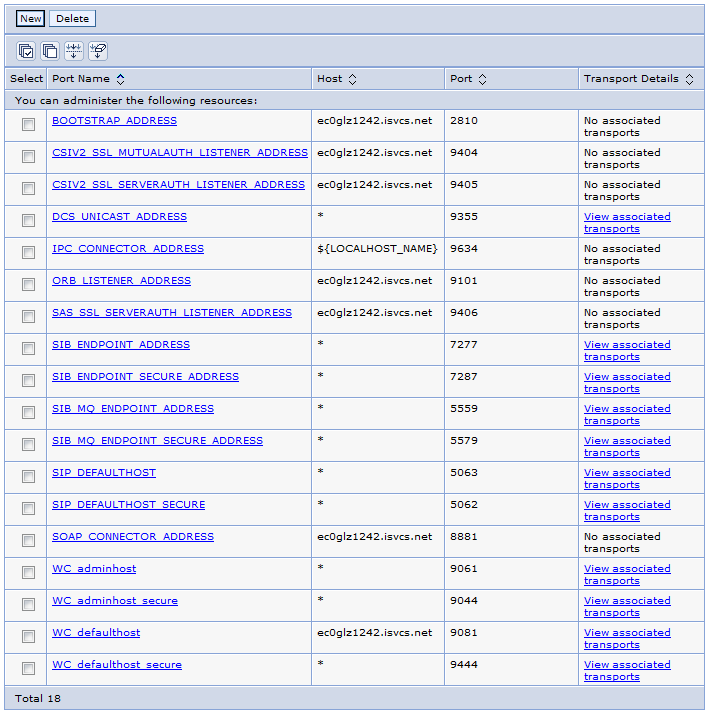
Click on **WC\_defaulthost**



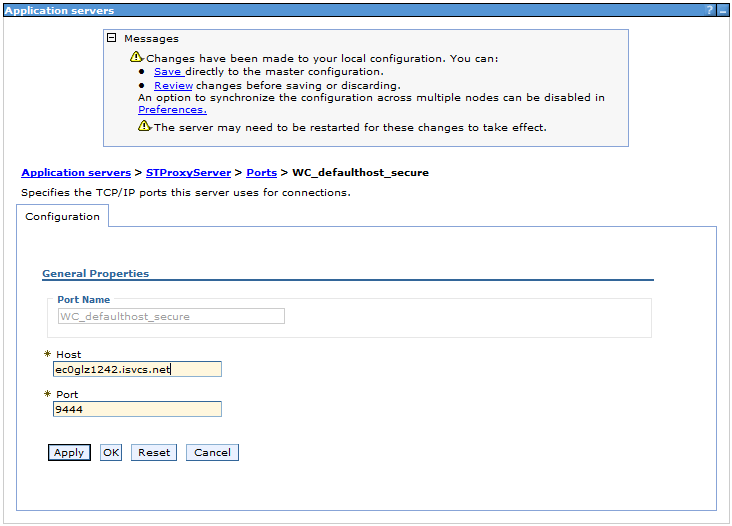
The Host field should have the fully qualified host name (e.g. ec01li4003.isvcs.net).

The Port field should have **9081**

Click **OK**



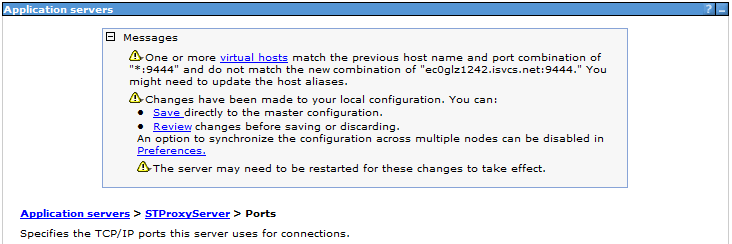
Click on **WC\_defaulthost\_secure**



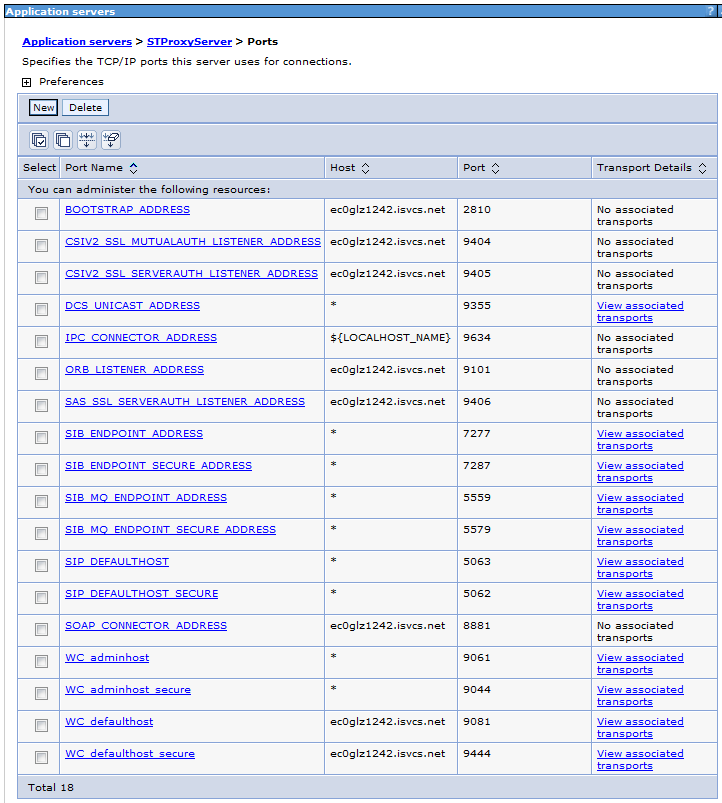
The Host field should have the fully qualified host name (e.g. ec01li4003.isvcs.net).

The Port field should have **9444**

Click **OK**

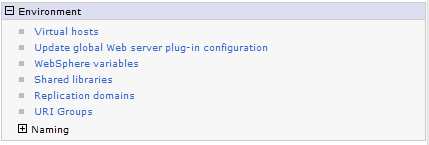


Click Save

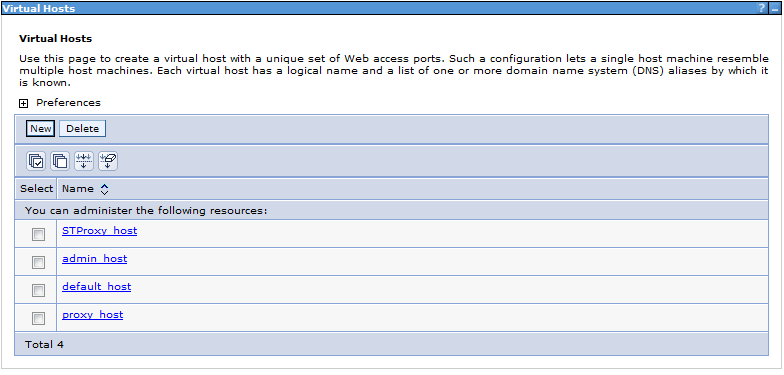


## 8.11 Create Sametime Meeting Server Virtual Host

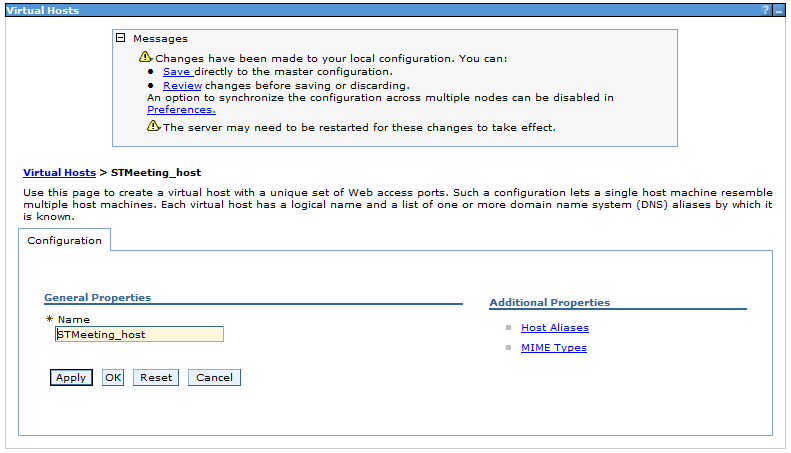
From the WebSphere Integrated Console,



Expand **Environment** and select **Virtual hosts**.



Click **New**

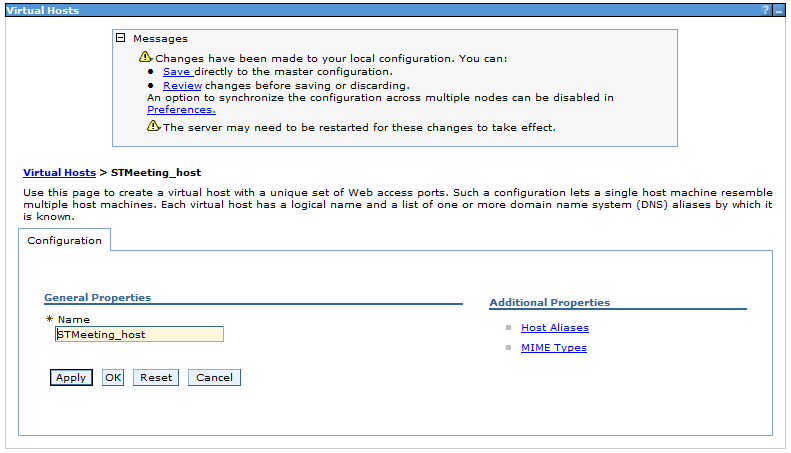


Enter **STMeeting \_host** in the Name field.

Click **OK**

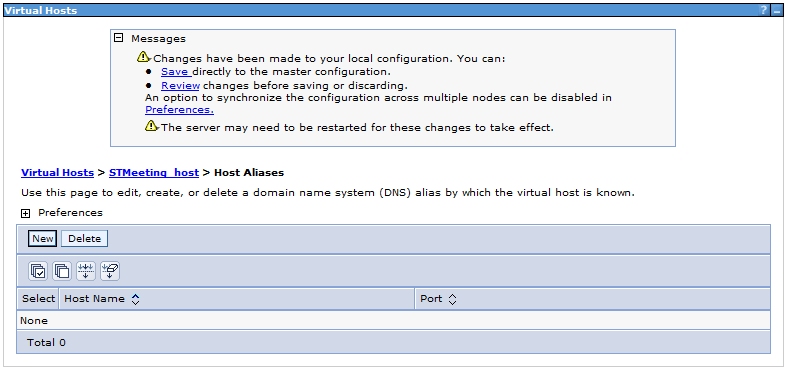


Click **STMeeting\_host**

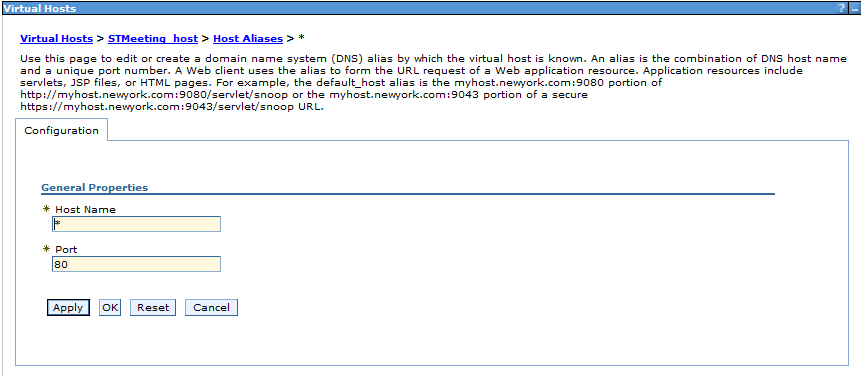


### 8.11.1 Create Host Aliases

Click **Host\_Aliases**



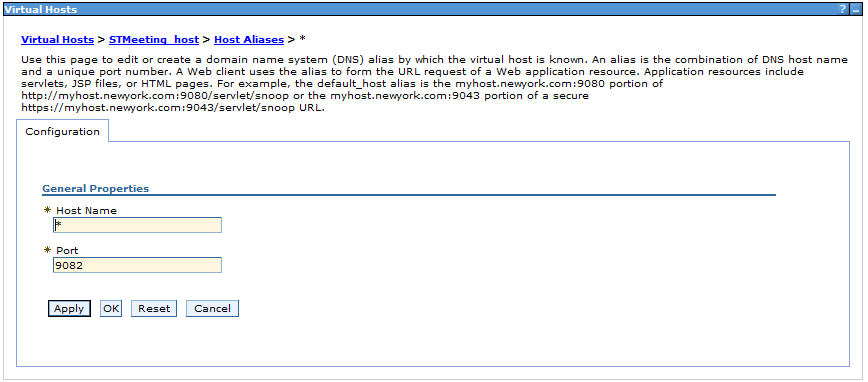
Click **New**



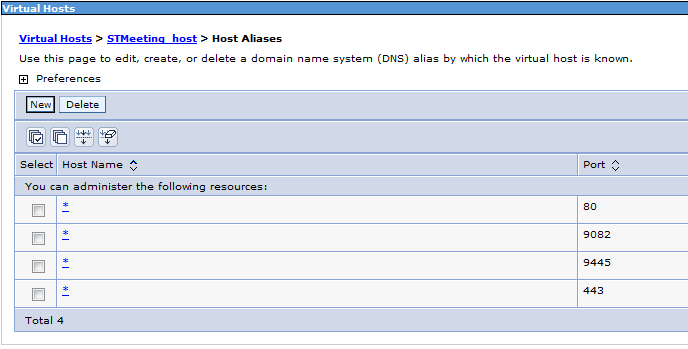
Type **\*** in the Host Name Field and **80** in the Port field.

Click **OK**

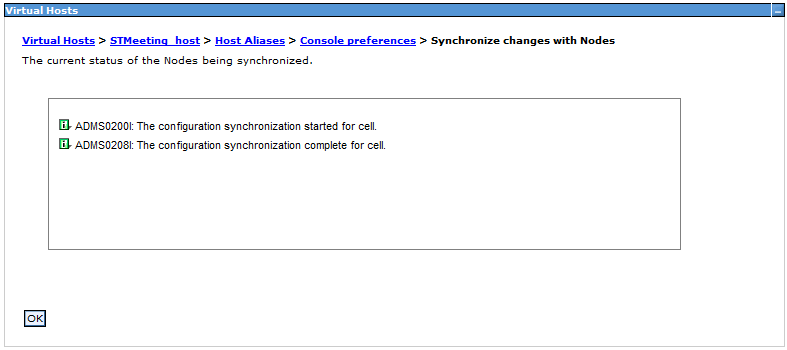
Then repeat by typing **\*** in the Host Name Field and for each of **9082, 9445,443** in the Port field.



Click **OK**

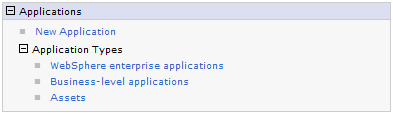


Click **Save**

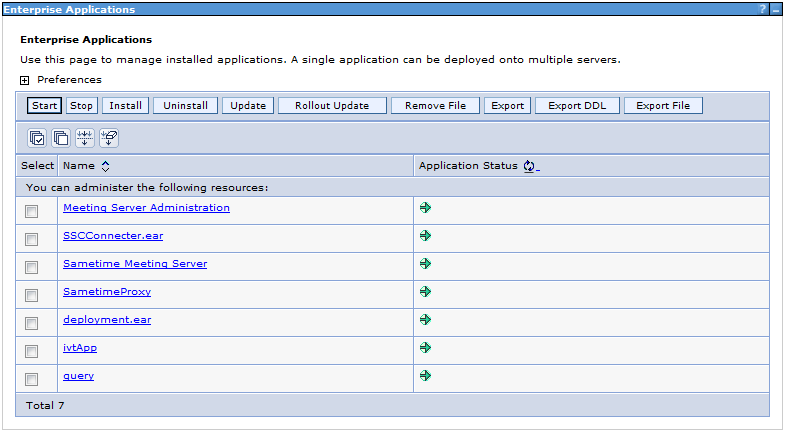


Click **OK**

### 8.11.2 Configure Sametime Meeting Server Virtual Hosts

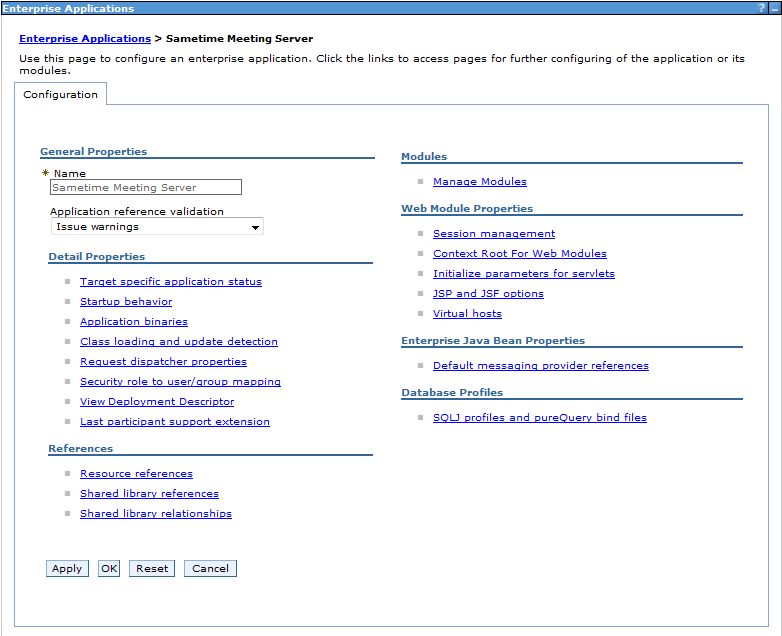


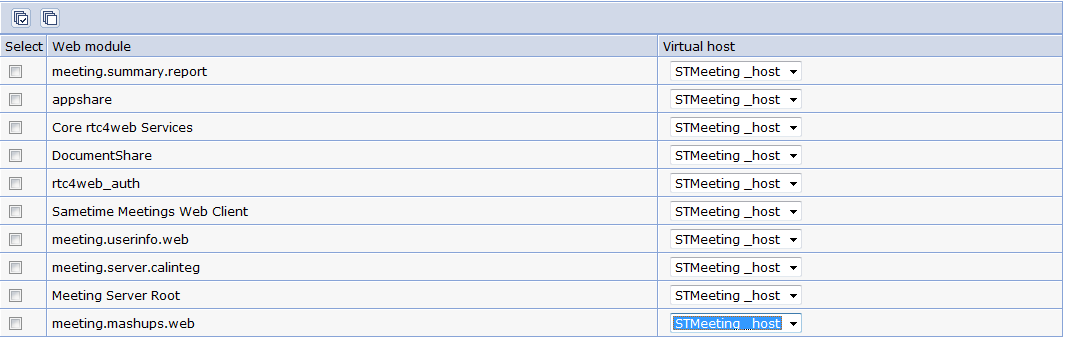
Expand **Applications>Application Types>WebSphere enterprise applications**



Click **Sametime Meeting Server**

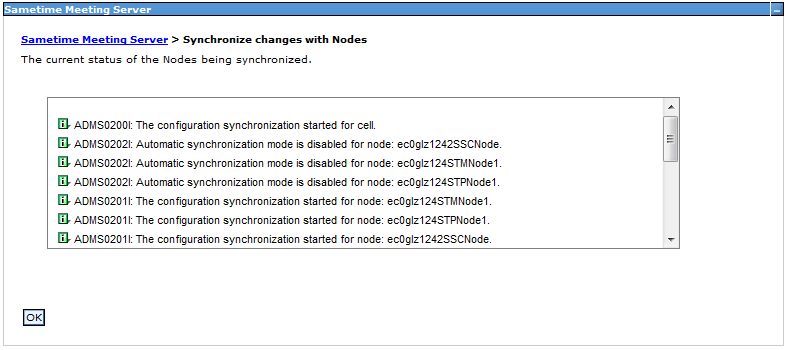
Click **Virtual Hosts**





For each Web module from each of the drop downs, choose **STMeeting \_host**

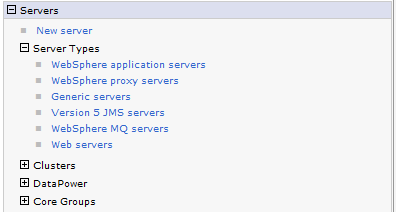
Click **OK**

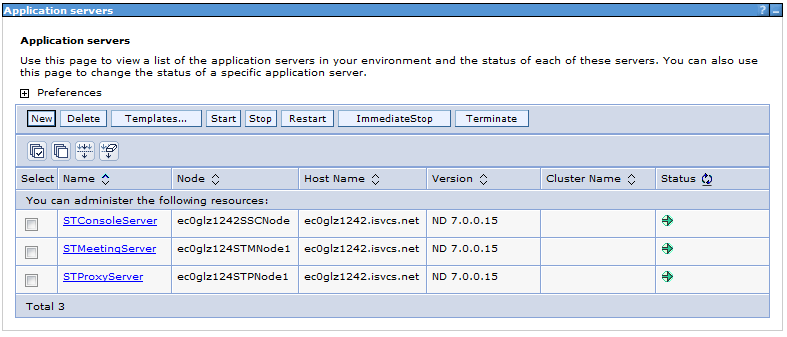


Click **OK**

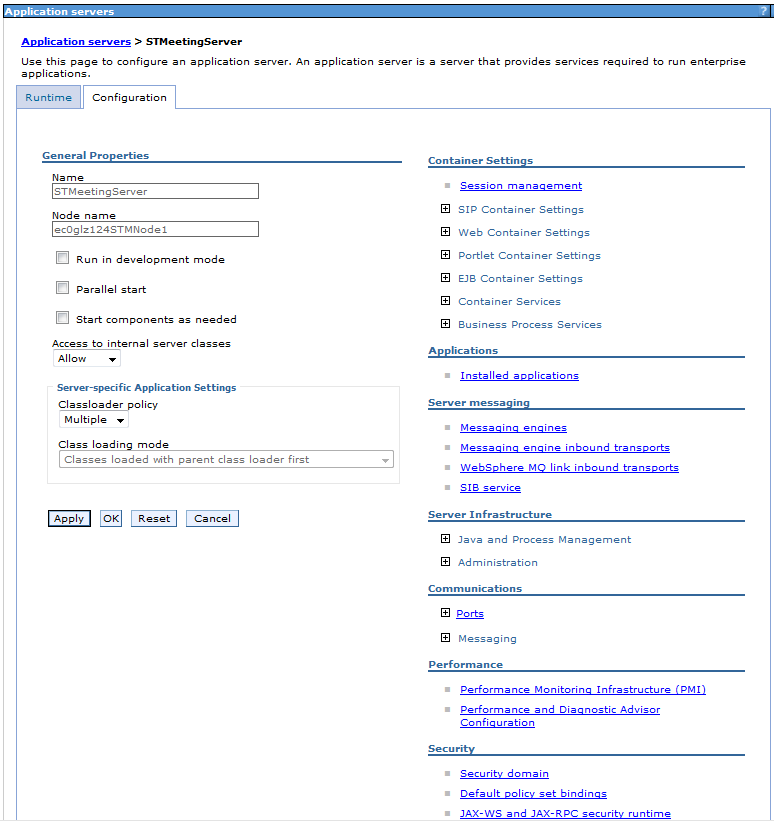
### 8.11.3 Configure Sametime Proxy Server Ports

Click on Servers>Server Types>WebSphere application servers

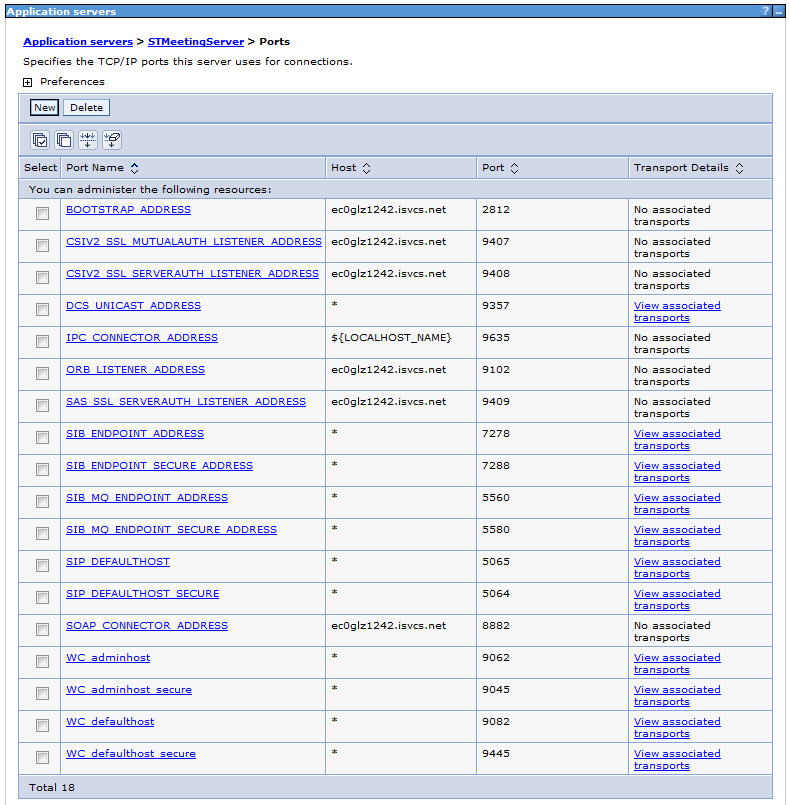




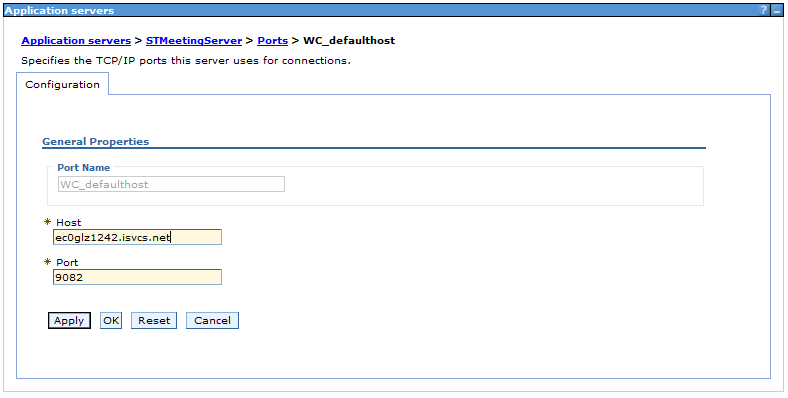
Click **STMeetingServer**



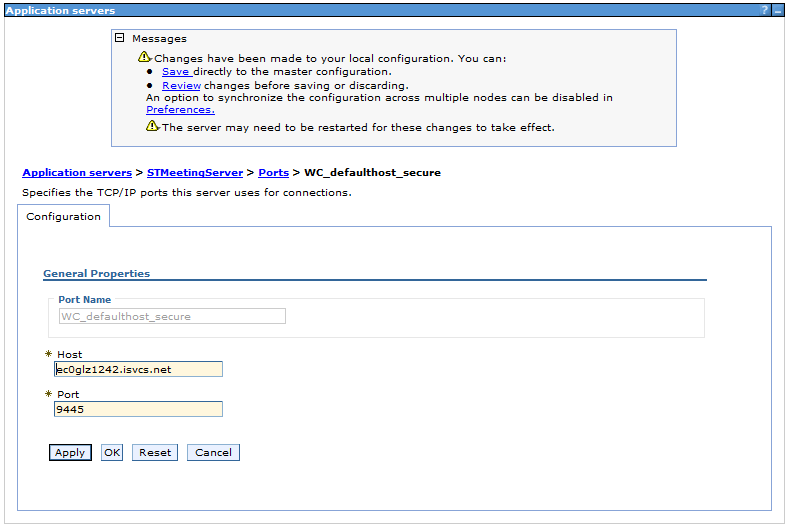
In the Communications section, click **Ports**



Click the **WC\_defaulthost**

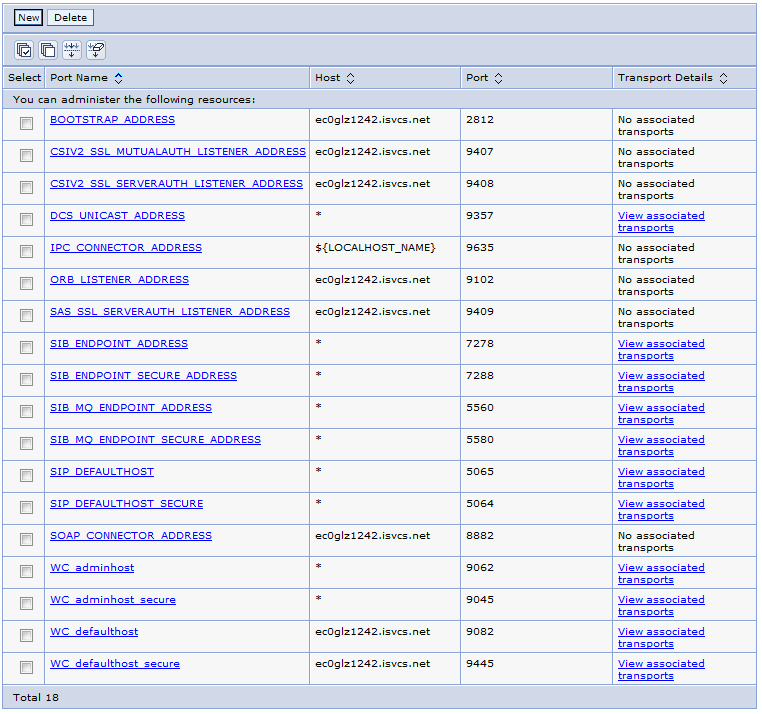


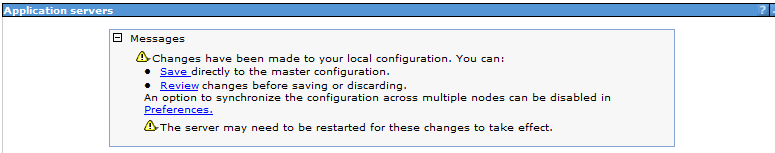
Add the host name **ec0glz1242.isvcs.net** to the Host field



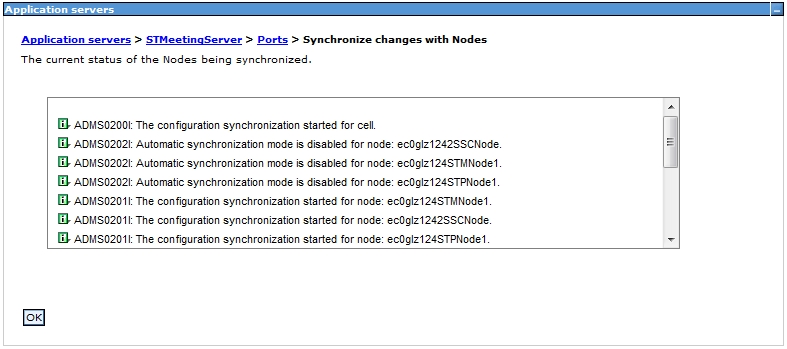
Repeat for **WC\_defaulthost\_secure**

Add the host name **ec0glz1242.isvcs.net** to the Host field





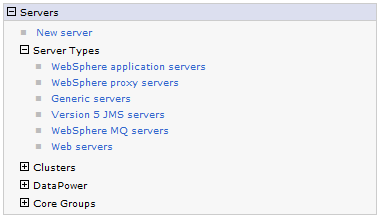
Click **Save**



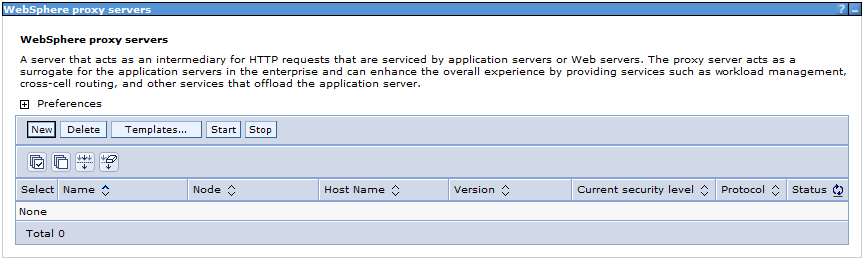
Click **OK**

## 8.12 Create a New Proxy Server for Sametime Meeting Server

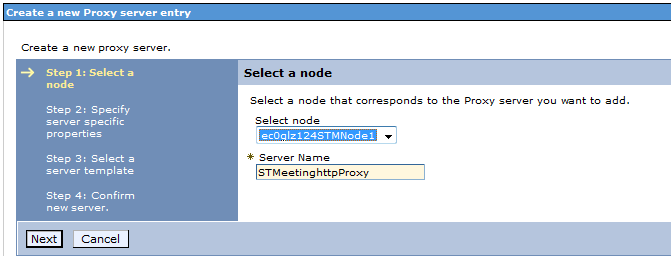
From the WebSphere console:



Expand **Servers>WebSphere proxy servers** and select it



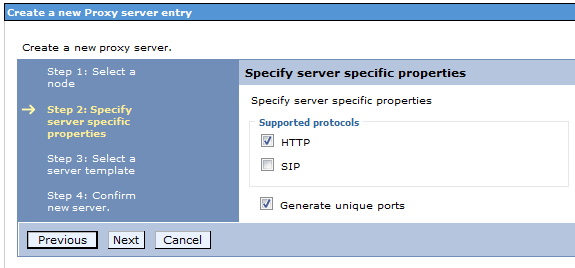
Click **New**



From the Select Node drop down choose **ec01li400STMTNode1**

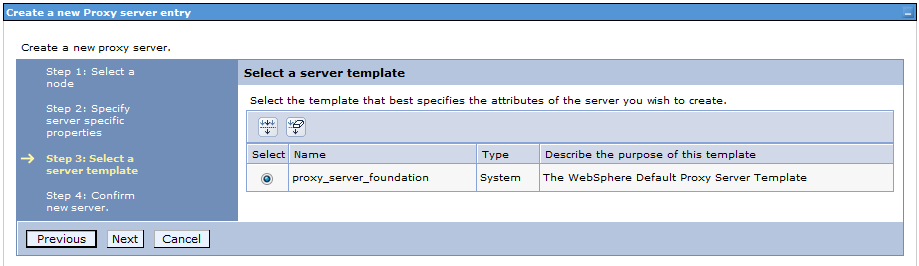
In the Server Name field type **STMeetinghttpProxy**

Click **Next**



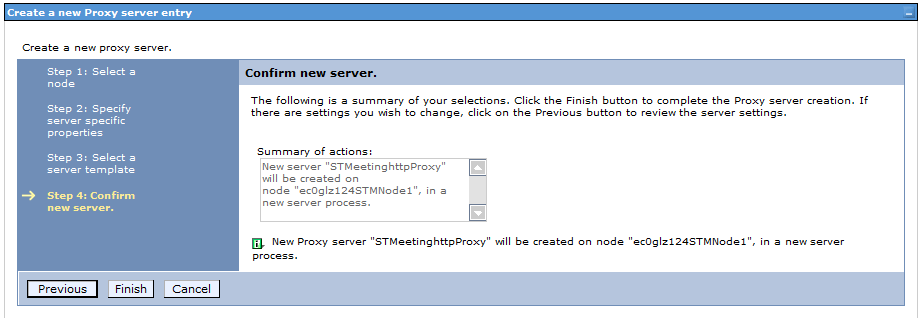
Check box **HTTP** and **Generate unique ports** must be selected.

Click **Next**



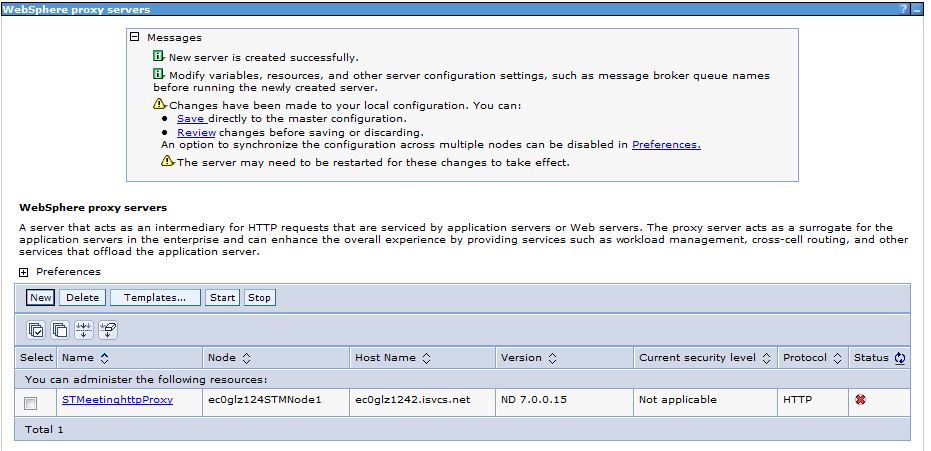
Select the default server template as shown.

Click **Next**



Review the **Summary of actions**

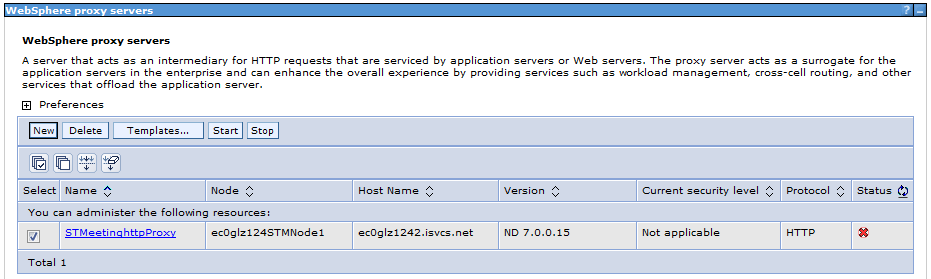
Click **Finish**



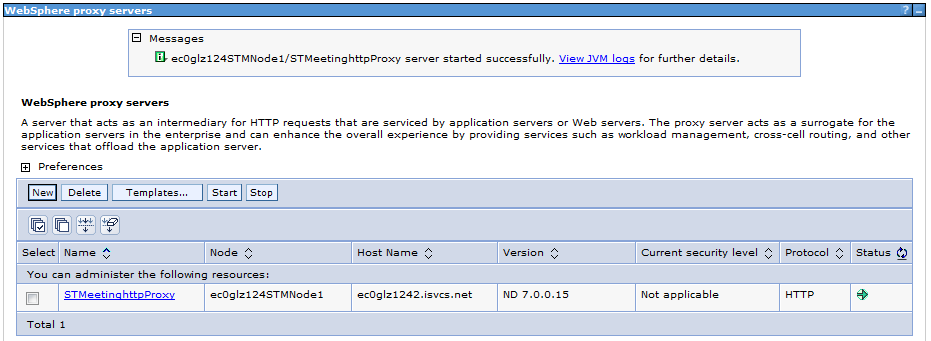
Click **Save**



If this screen appears, click **OK**



Select and **Start** the **STMeetinghttpProxy**

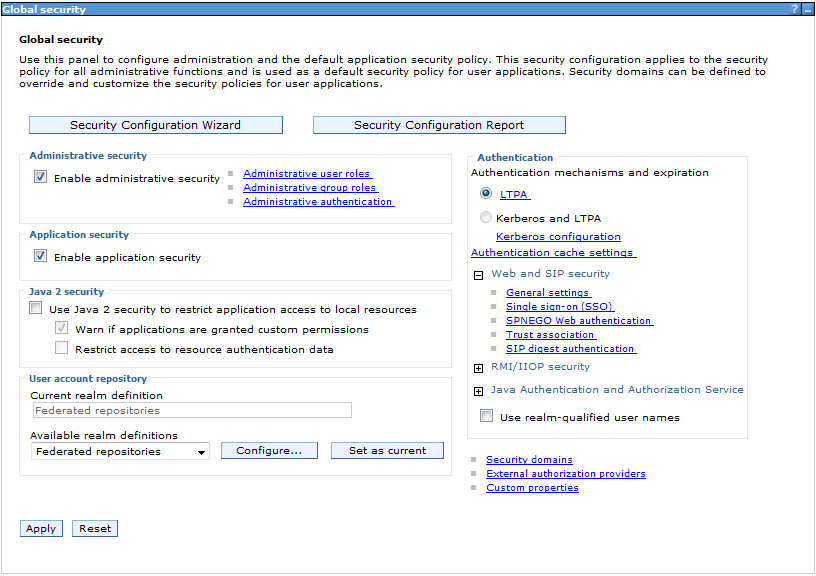


## 8.13 Create LTPA Token

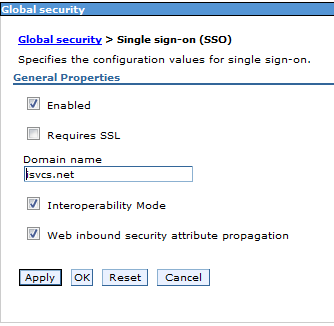
### 8.13.1 Configure Global Security for Single Sign-on



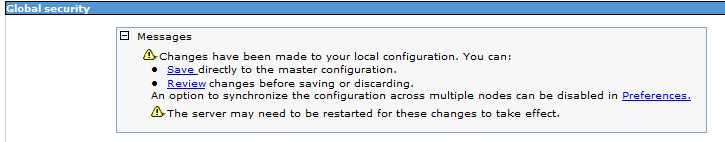
From the Integrated Console, expand the **Security** tab and click **Global Security**



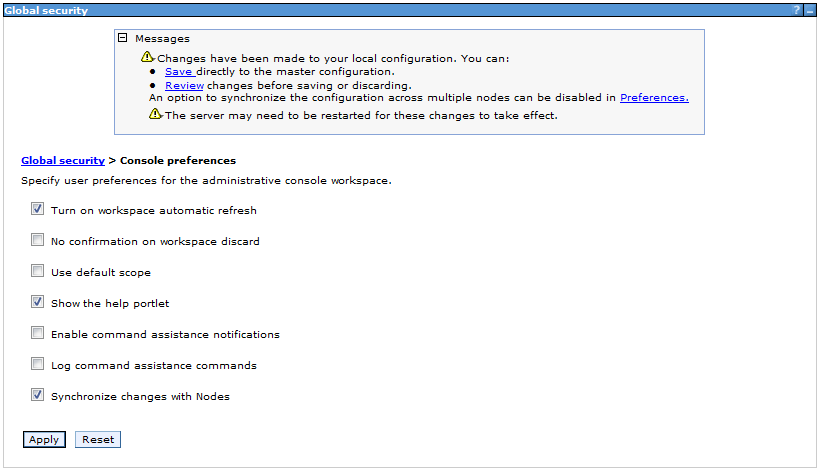
Expand **Web and SIP security** and click **Single sign-on (SSO)**



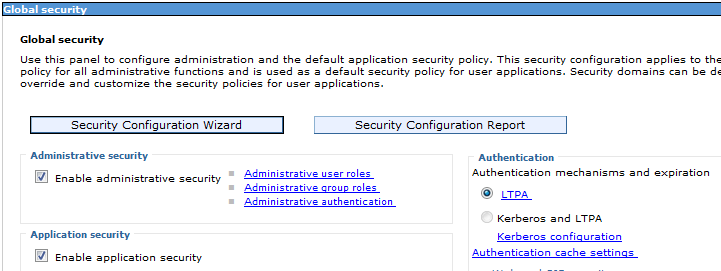
Check **Interoperability Mode** and click **OK**



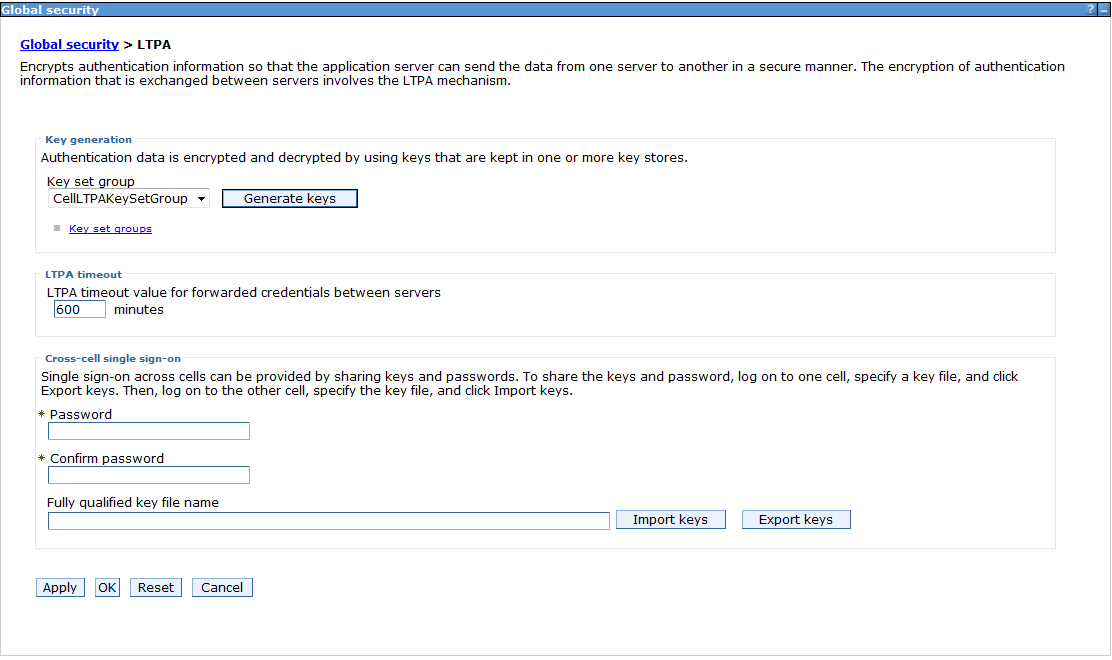
Click **Preferences**



Check the boxes and shown in the screen shot and click **Apply** and then **Save**



Select **LTPA** under **Authentication**.



Verify(change) the LTPA token timeout is set to **600** (Note timeout on Domino and WebSphere should be the same to avoid synch issues).

Under cross-cell single sign-on, specify a password, and confirm it, then enter a *Fully Qualified Key* file name (e.g. /disk/apps/sametime/LTPAi7.key), and a password (e.g.keyfile).

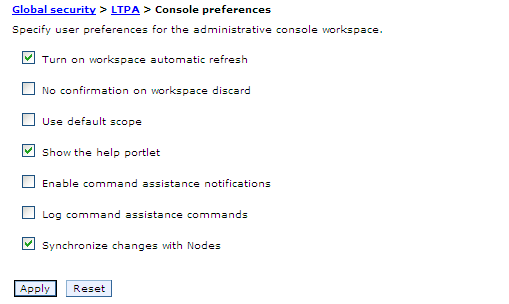
Click **Export keys**, a message will tell that the Keys were successfully exported.

Copy the key to local machine as well /disk/apps/sametime (use SCP, e.g h:\LTPA.key)

The key must be copied to a location accessible on the Domino server (i.e. D:\IBM\LTPA-KEY\).

Login to Meeting Admin console, using the wasadmini7 account

Click on **Preferences**



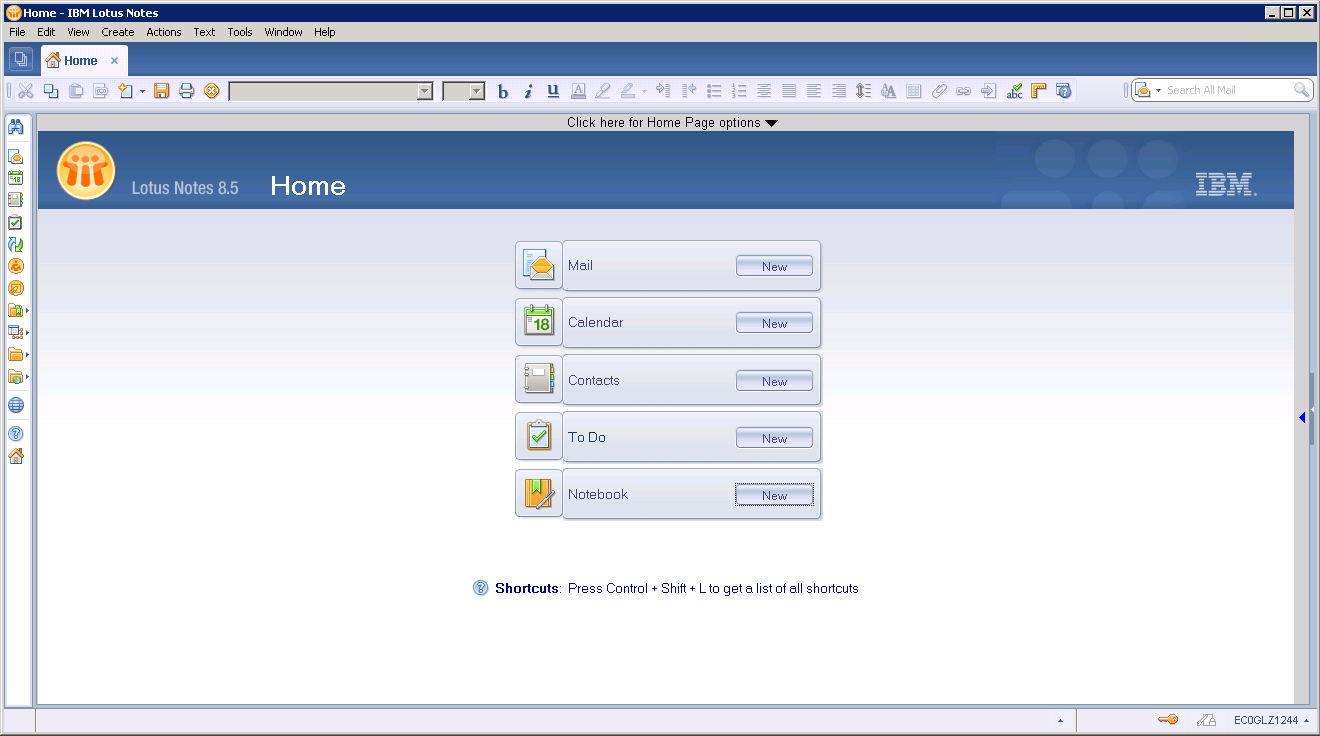
Select **Synchronize changes with Nodes** if not selected

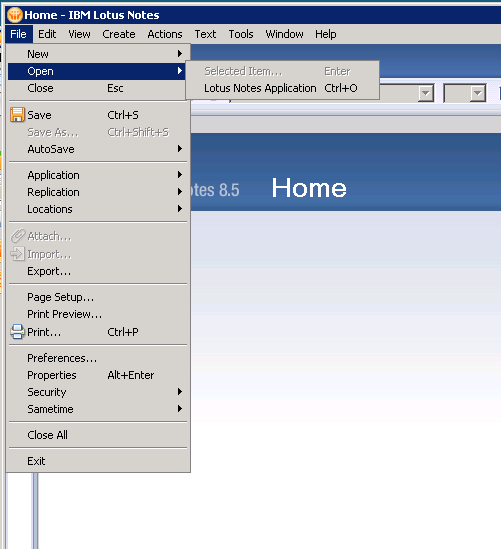
Click **Apply** and **Save**

Restart all Sametime servers to take effect

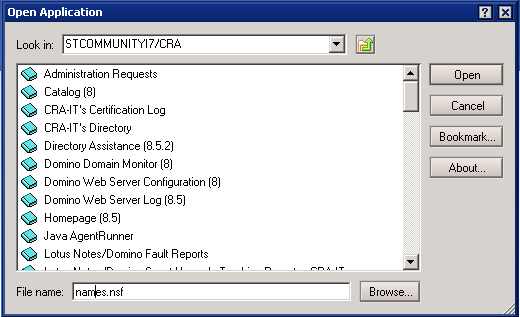
### 8.13.2 Configure the LTPA on Domino Server

Login to Notes Client

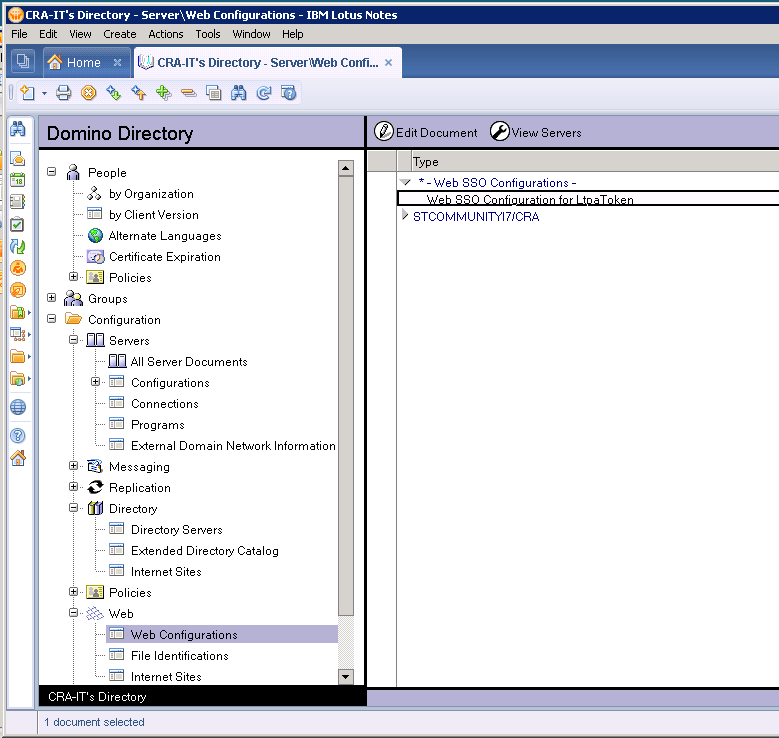




Click **File>Open>Lotus Notes Application**



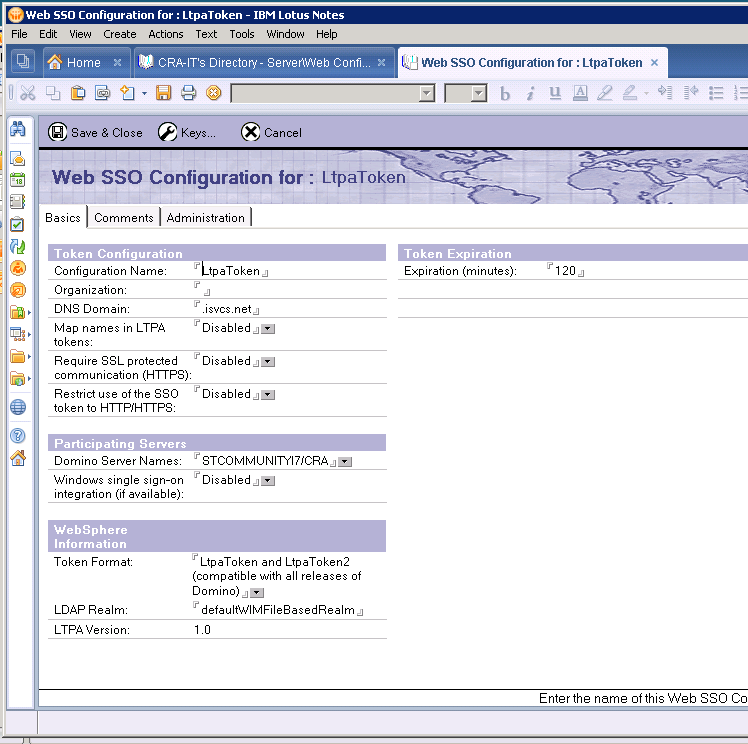
In the File Name field add **names.nsf**



Expand **Web** and click on **Web Configurations**

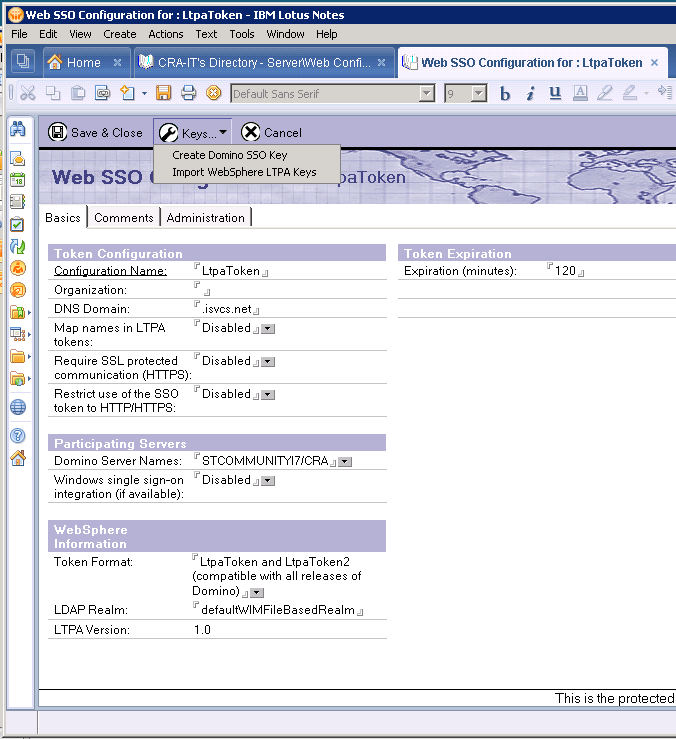
Expand **Web SSO Configurations** and select **Web SSO Configuration for LTPA**

Click **Edit Document**



Add DNS Domain: **.isvcs.net**

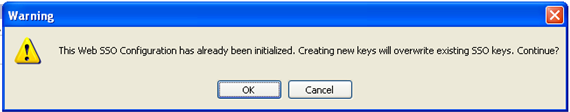
Change Token Expiration to **600** minutes



Click on Keys and select **Import WebSphere LTPA Keys**

In the pop up, add the location of the exported keys file: D:\IBM\LTPA-KEY\**LTPAi7.file**

Click OK on the warning popup:



Select Token Format: **LtpaToken and LtpaToken2 (compatible with all releases of Domino)**

Click **Save &Close** then restart the server

## 8.14 Configuring Sametime Meeting Server for document conversion on Linux

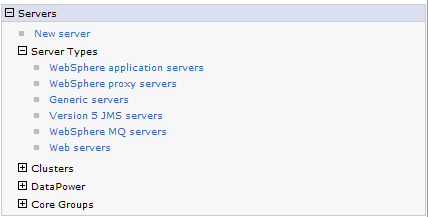
### 8.14.1 Create or Confirm Paths

Ensure that the following directories exist

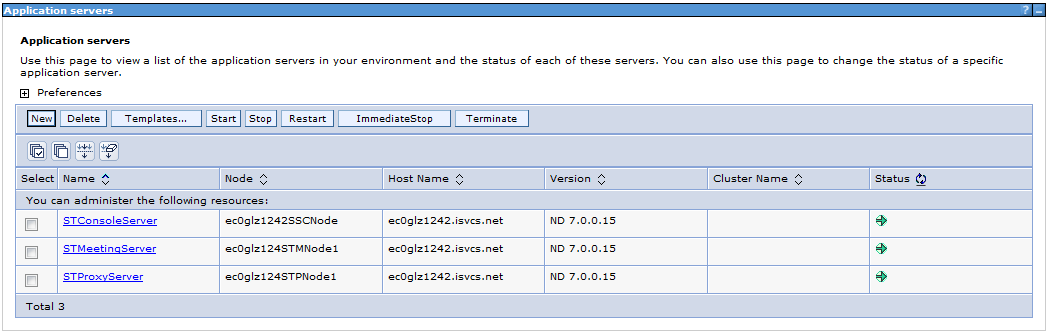
**/disk/apps/sametime/WebSphere/AppServer/java/jre/lib/fonts**

**/disk/apps/sametime/WebSphere/STMeetingsServer/stellent**

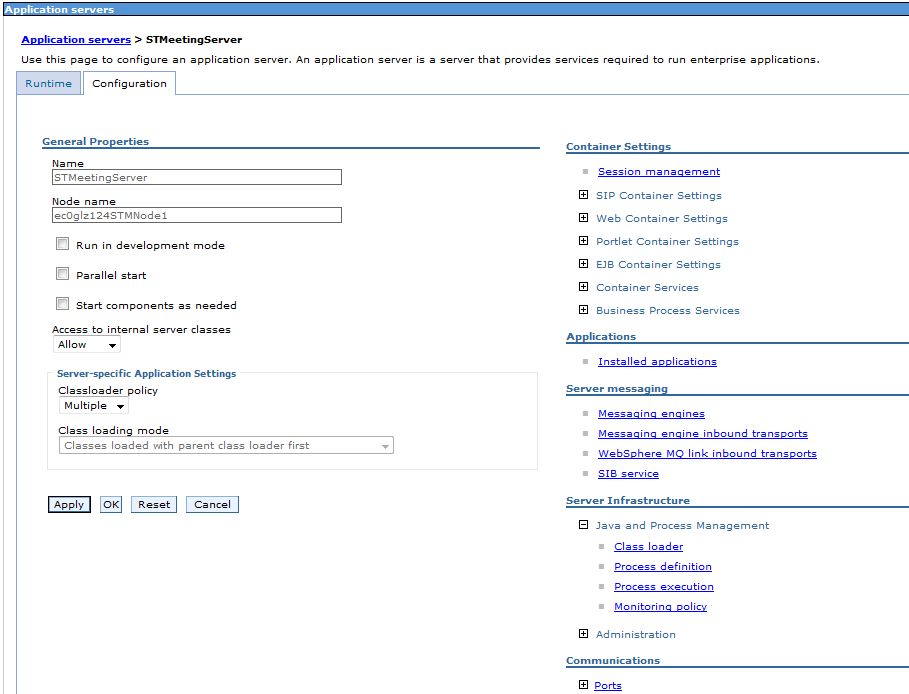
### 8.14.2 Set Path in WebSphere



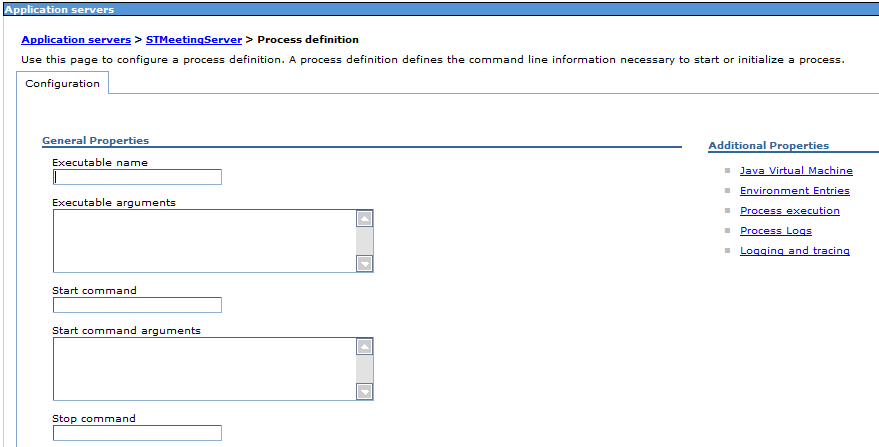
Expand Servers>Server Types and select **WebSphere application servers**



Click **STMeetingServer**

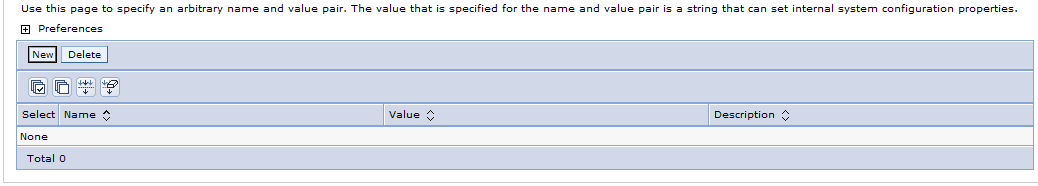


Scroll to **Server Infrastructure** and click **Java and Process Management>Process definition**

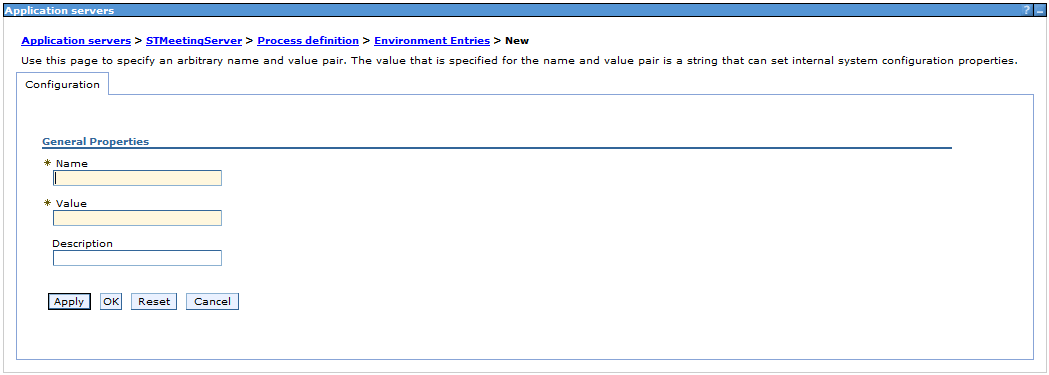


Click **Environmental Entries**





Click **New**



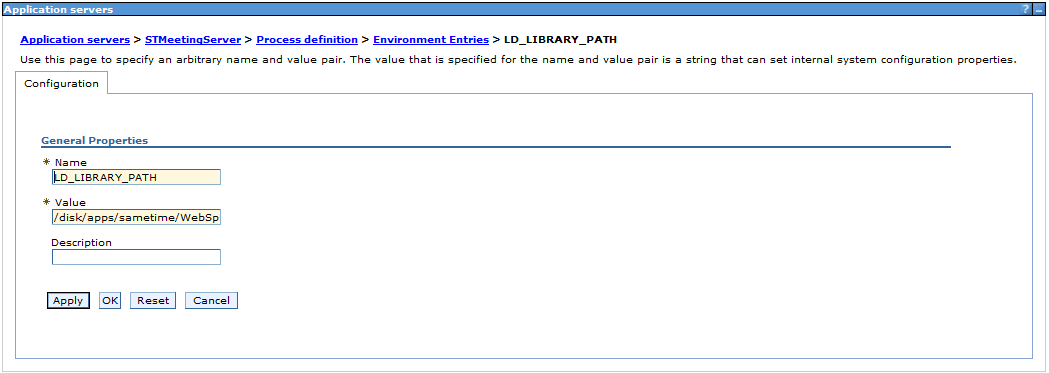


In the Name Field add **GDFONTPATH**

In the Value field add **/disk/apps/sametime/WebSphere/AppServer/java/jre/lib/fonts**

Click **OK**

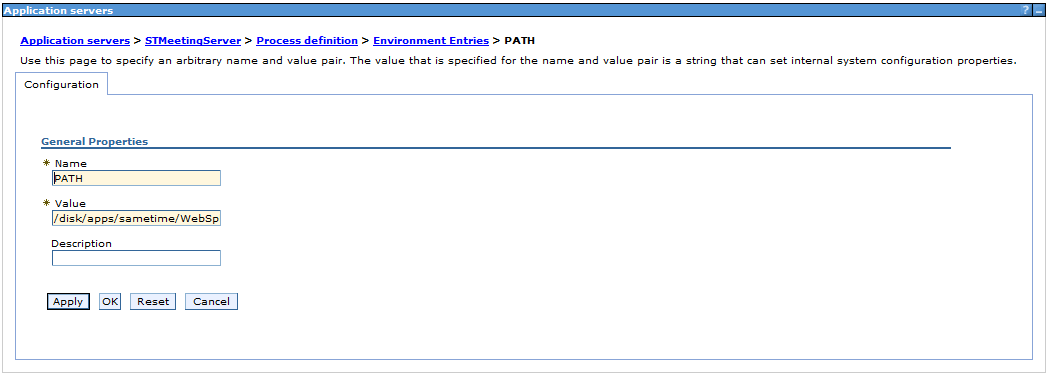
Repeat procedure



In the Name Field add **LD\_LIBRARY\_PATH**

In the Value field add **/disk/apps/sametime/WebSphere/STMeetingsServer/stellent**

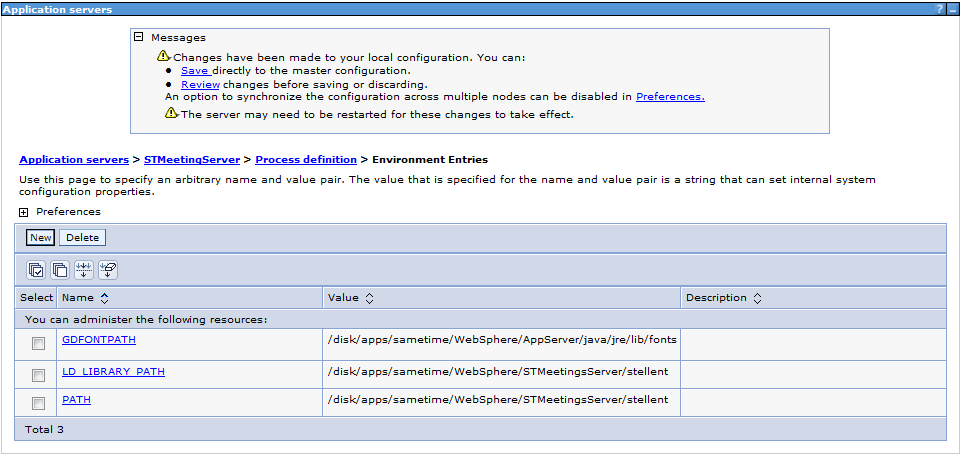
Click **OK**



In the Name Field add **PATH**

In the Value field add **/disk/apps/sametime/WebSphere/STMeetingsServer/stellent**

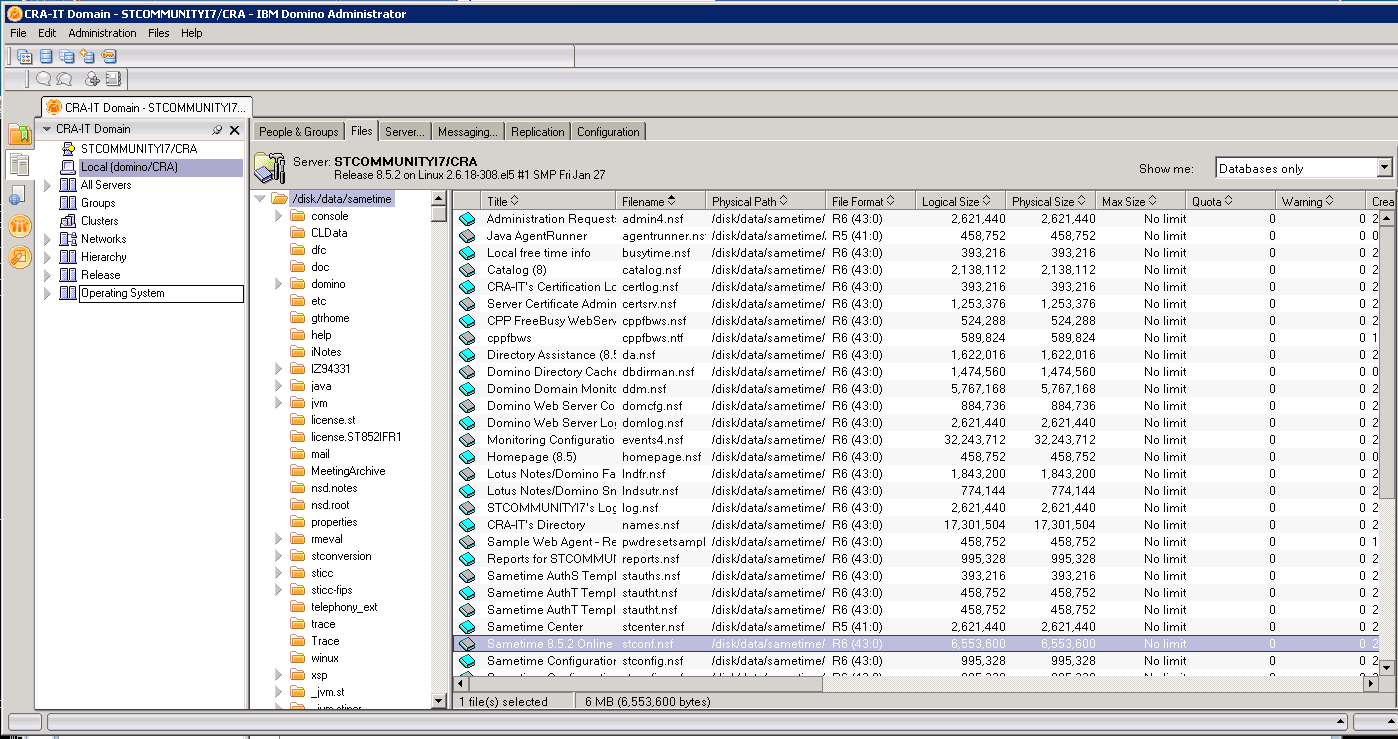
Click **OK**

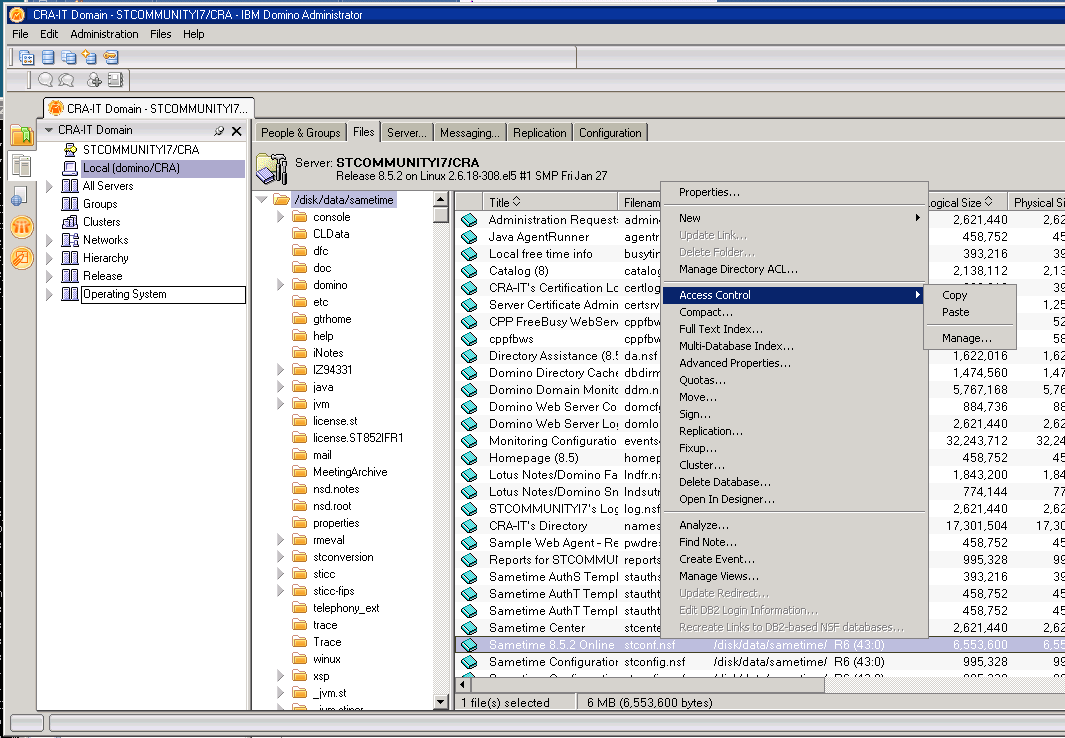


Click **Save**

## 8.14 Set Access Control to the Sametime Meeting Server (remove Anonymous access)

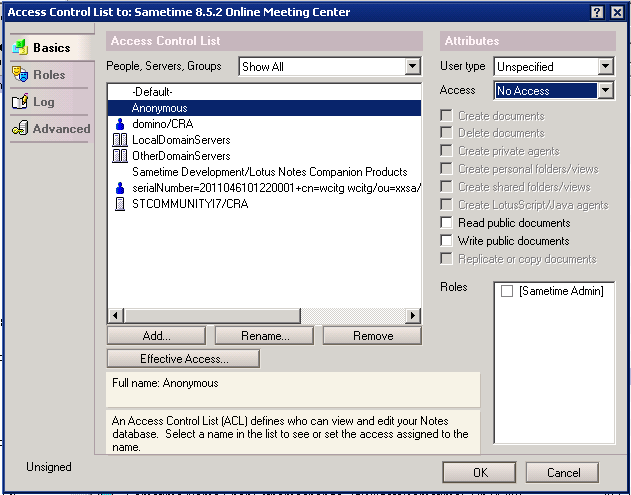
Log in to the Domino Administrator client



 Select **stconf.nsf** DB

Right click on **stconf.nsf**

Click **Access Control** click **Manage…**



Click on **Anonymous**

From the Access dropdown for Anonymous, select **No Access** and click OK

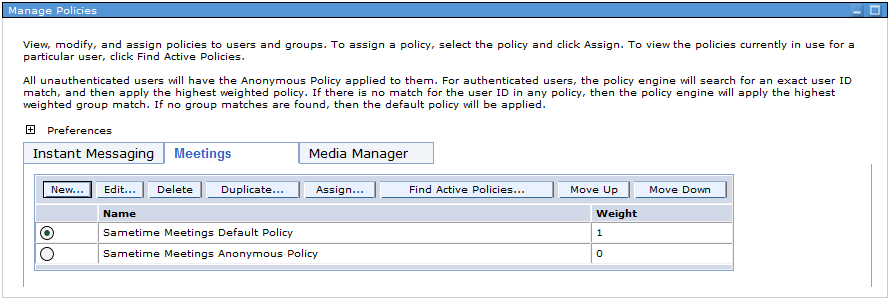
Restart Domino Server to take effect

## 8.15 Manage Sametime Meeting Policies

Log in to the WebSphere Integrated Console



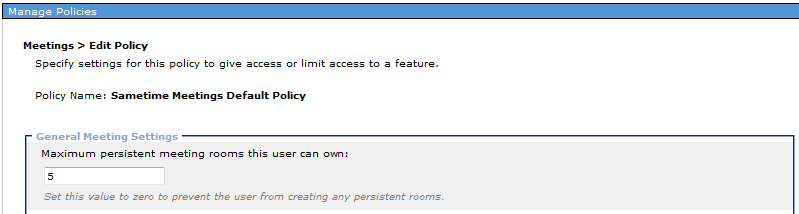
Expand the Sametime System Console and click on **Manage Policies**



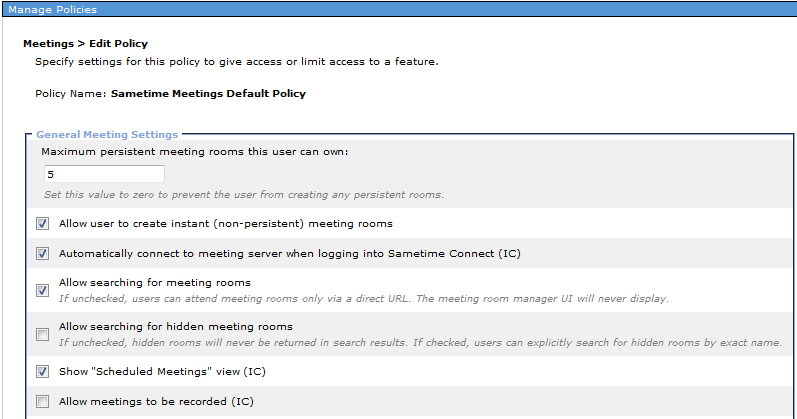
Click on the **Meetings** tab

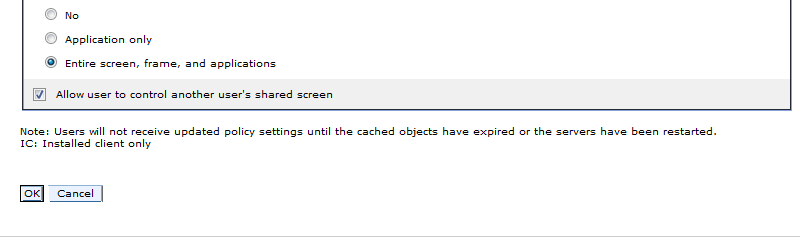
Select **Sametime Meetings Default Policy**

Click on **Edit**

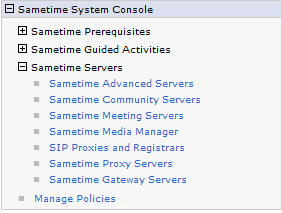


Change the **Maximum persistent meeting rooms this user can own:** to **5** in the **General Meeting Settings**





Click **OK**



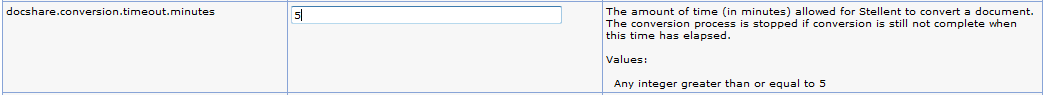
Expand the **Sametime Servers**



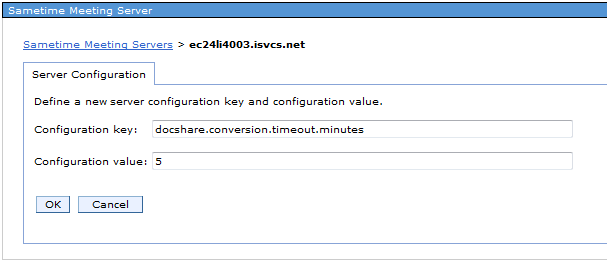
Click on Sametime Meeting Servers and click on STMeeting\_852



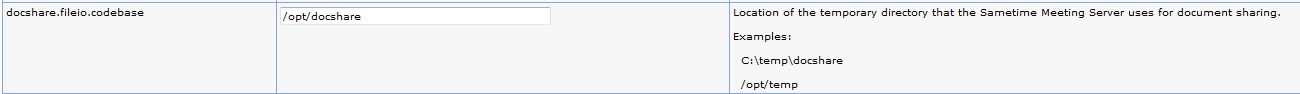
In the Server Configuration tab, click on **Edit**



In the **docshare.conversion.timeout.minutes** value field (if missing, add by clicking **New**), change value to **5**

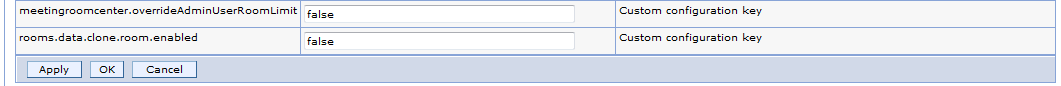


Click **OK**



Click Edit and scroll to **docshare.fileio.codebase**

Change **/opt/docshare** to **/disk/data/sametime/docshare**



Click **OK**

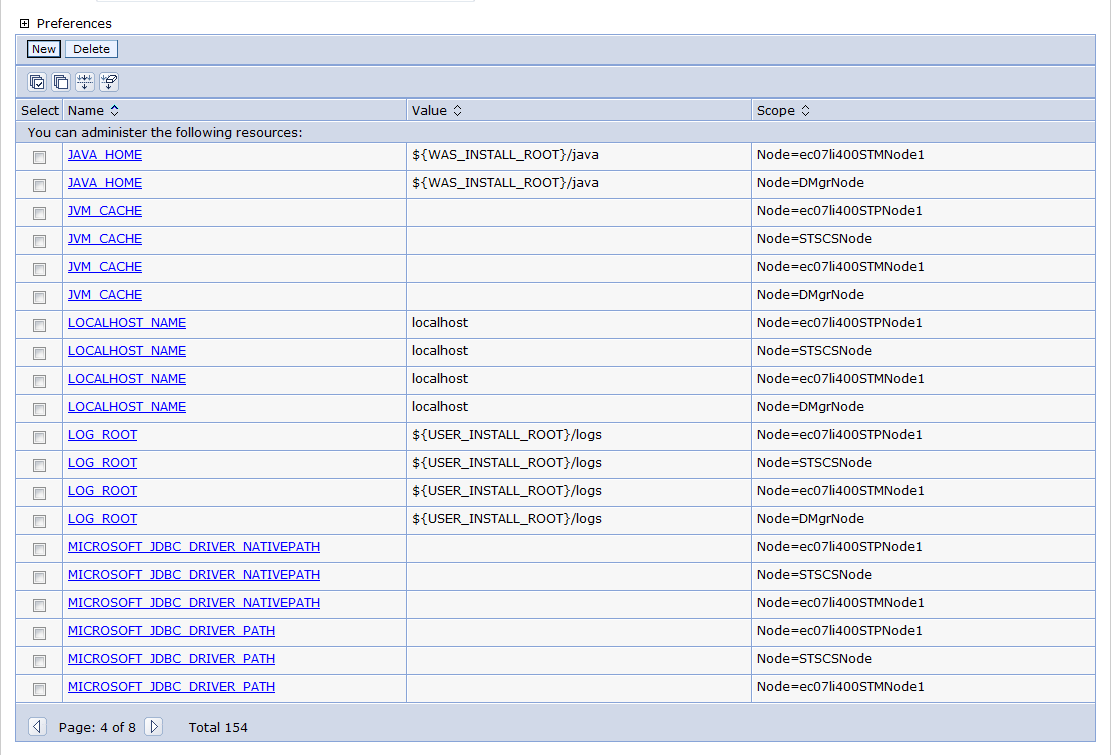
# Additional Configurations and Tuning

## 9.1 Change WebSphere Logs locations

-login to ISC, using the proper wasadminxx account; example

<https://ec07li4003.isvcs.net:8701/ibm/console/>

-Navigate under Environment🡪 WebSphere variables, for the following resource: LOG\_ROOT



Change LOG\_ROOT value for the sametime Nodes ( DMgr, STS, STP, and STM)

instead of “${USER\_INSTALL\_ROOT}/logs” to /disk/logs/sametime

**Save** changes

Restart all components

## 9.2 Add Support to Multi RDN (Relative Distinguished Name)

This line needs to be added to **sametime.ini** to fix the problem authenticating with CA Directory LDAP for the STProxy Server and instant messaging.

* 1. Open a terminal session to Domino Server Zone (example EC07ZD5351)
  2. Navigate to /disk/data/sametime
  3. edit sametime.ini (use your preferred editor)
  4. Add the following line under [Directory] section

SUPPORT\_MULTI\_RDN\_DN=1

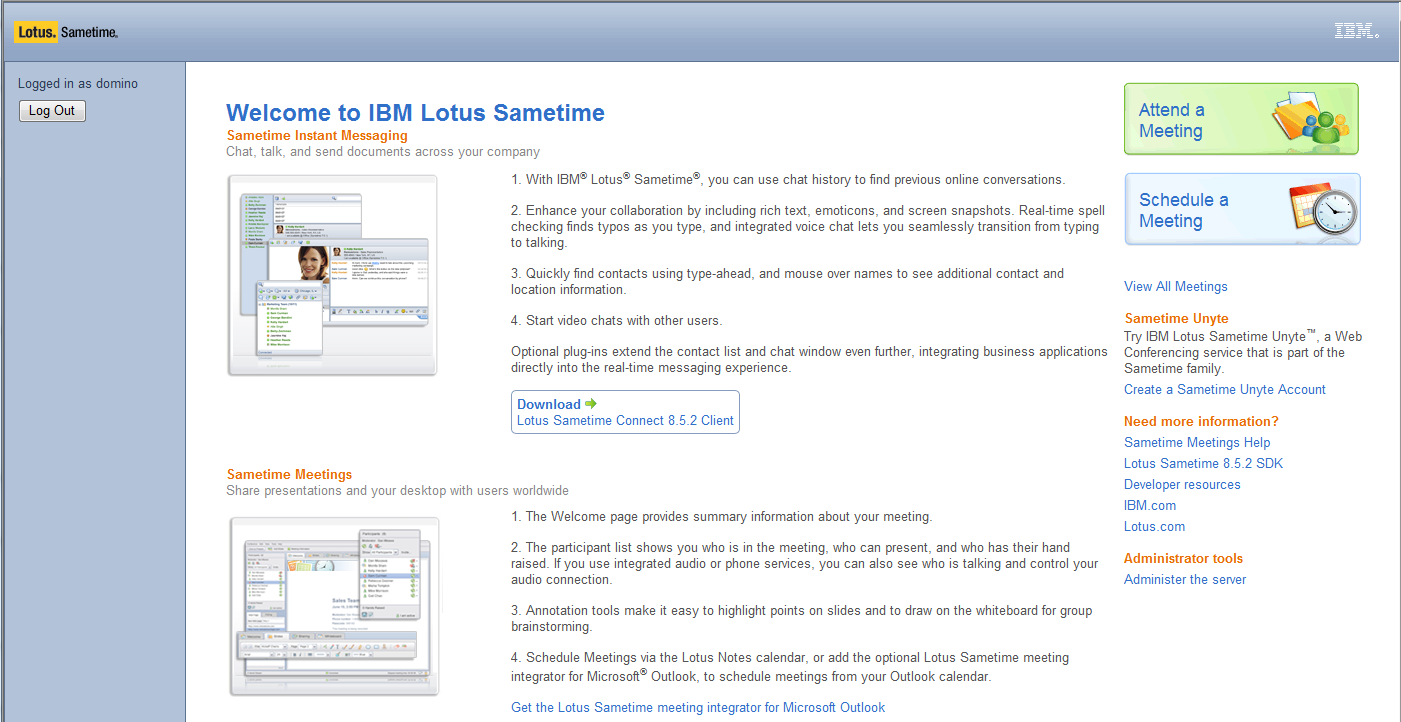
* 1. Restart Domino/Community (use script)

## 9.3 Change setting on the Domino Server

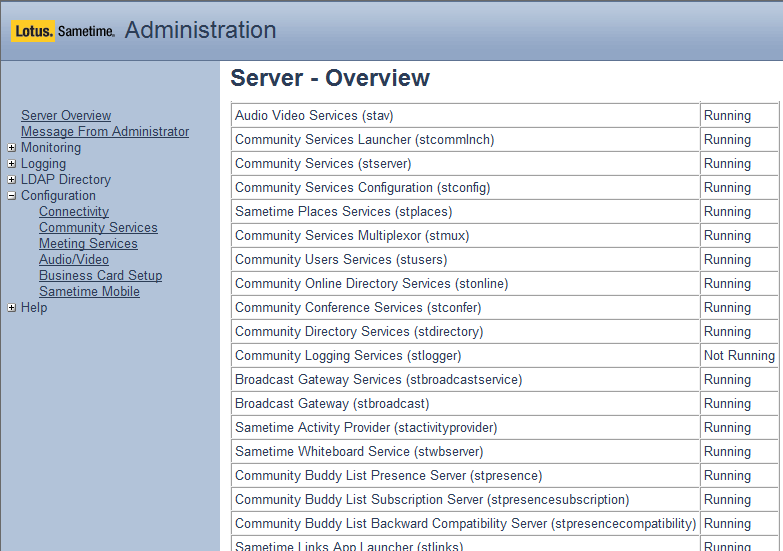
Go to the ST Meeting Center site

<http://ec01li4004.isvcs.net/stcenter.nsf>

Log in as **domino**

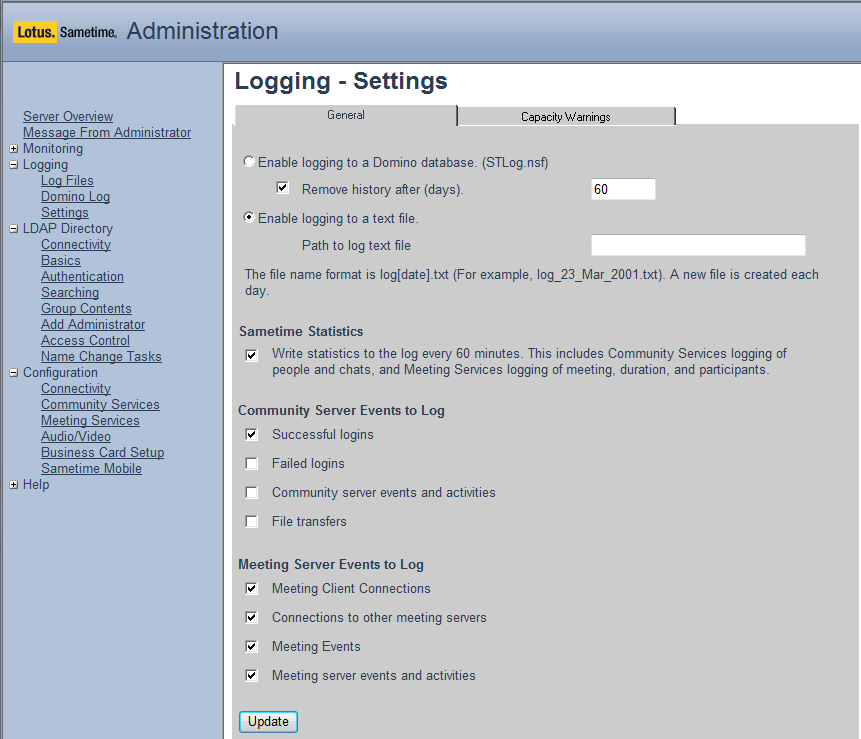


Under **Administrative tools**, click on **Administer the Server**



Click **Logging>Settings**

### 9.0.1 Logging Settings



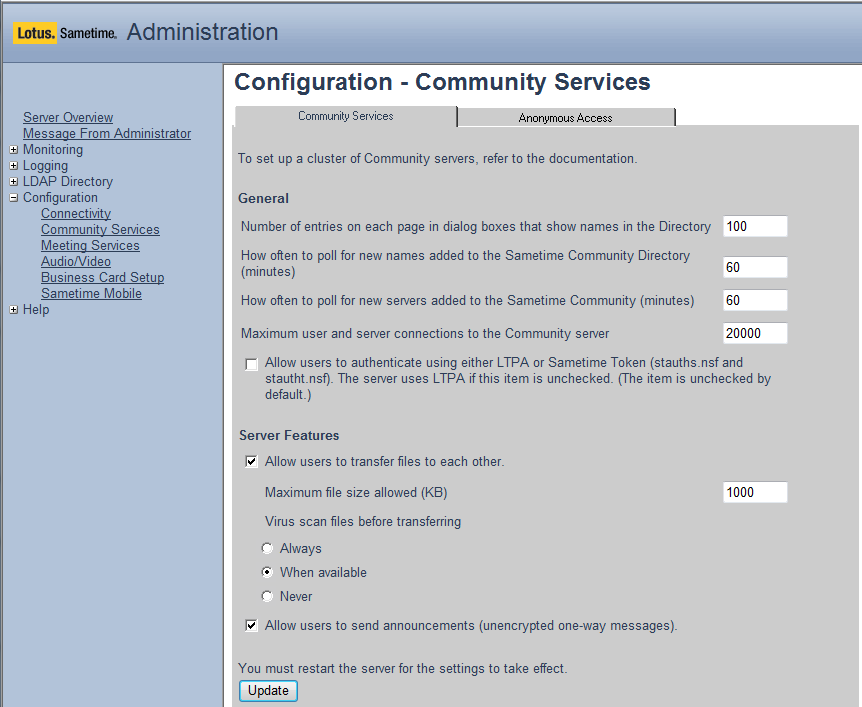
Select “Enable logging to text file”

Add path to log text file **/disk/logs/sametime/**

Ensure this directory exists on ec01li4004

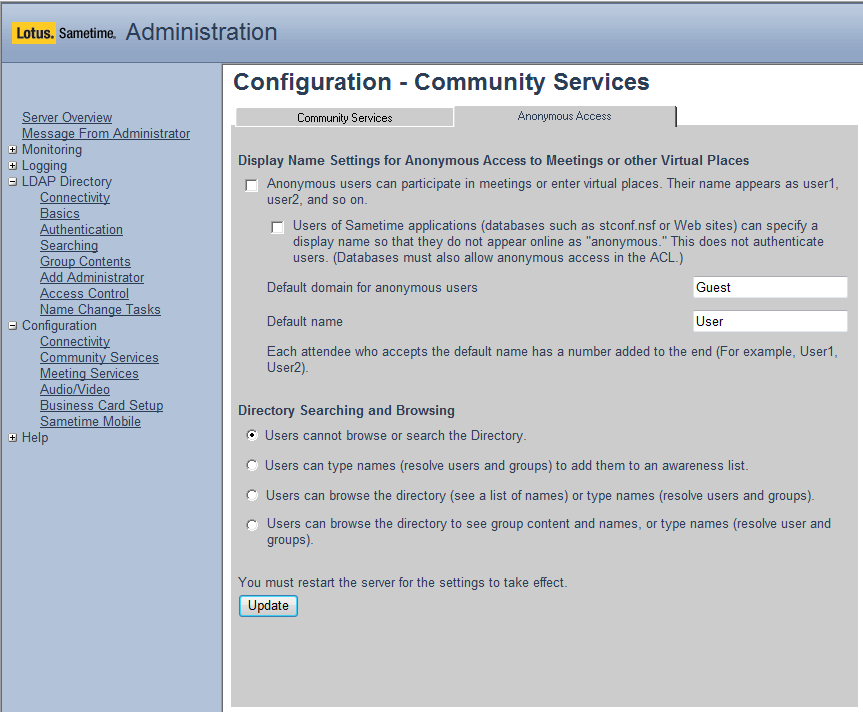
Click **Update**

### 9.0.2 Anonymous Access Restriction



Click **Configuration>Community Services**

Click on **Anonymous Access**



Uncheck “**Anonymous users can…..**” and “**Users of Sametime Applications….**”

Click **Update**

# Customisations

TBD>>>>>>>The login page has been customised to meet CRA’s requirements. The following link to the CRA Wiki provides the documentation that also includes how to customize the web conferencing home page

<https://wiki.ec.rc.gc.ca/x/coHZBw>

# Appendix

## 1.0 Create a DB2 Database for the Sametime System Console Installation

The Sametime System Console requires a DB2 database. This must be requested from IT/TI-CDDS/SBDRE Support and cc: IT/TI-DTIM DSD DDIS to have the database created. They will have to run a script (createSCDb.sh) provided with the Sametime installation package. The following are the instructions for the database to be created.

1. Unzip the attached SystemConsole directory on the database server
2. From a DB2 command prompt, within the SystemConsole directory, run the following command:  createSCDb.sh <db name> stscdbig   
   (you will probably have to be authenticated as stscdbig for this command to work).  This will create the database.

You will need the host name of the DB2 server to configure the Sametime System Console and the database name.

The Meeting Server database has been preserved from the previous platform to be redeployed for NG. A request for a db move is required as well to move the Meeting database to the new state.

The database will be HADR’d.

## 2.0 Setting logs for trouble shooting and diagnostic trace

Sametime System Console Server and the Deployment Manager have a series of configuration and log files for problem determination.

Create a directory if it does not exist **/disk/logs/collector\_logs**  To automatically collect these logs--Run these scripts:

**sudo sh /disk/apps/sametime/WebSphere/AppServer/profiles/STSCAppProfile/bin/collector.sh –summary**

*This will create a collector\_summary.txt file.*

and

**sudo sh /disk/apps/sametime/WebSphere/AppServer/profiles/STSCAppProfile/bin/collector.sh**

*This will create a jar file.*

* Lotus Sametime Proxy Server Logs: EC0XXXXXXX

/disk/apps/sametime/WebSphere/AppServer/profiles/STProxyProfile/logs/

*Note:* Sametime Proxy Server has a series of configuration and log files for problem determination. To automatically collect these logs--Run this script:

**cd /disk/staging/stinstallfiles/SametimeProxyServer**

**sudo sh collectLogs.sh**

Sametime log Files and system information are collected in: */tmp/SametimeInstallLogs.zip*

* Lotus Sametime Installation Logs: EC0XXXXXXX

/disk/logs/sametime/

* Lotus Sametime Meeting Server: EC0XXXXXXX

/disk/logs/sametime/WebSphere/AppServer/profiles/”Cell”MeetingDMProfile1/

/disk/logs/sametime/WebSphere/AppServer/profiles/”Cell”MeetingPNProfile1/

* Lotus Sametime Community Server Logs: EC0XXXXXXX

/disk/data/sametime/trace

Sametime Community Server has a series of configuration and log files for problem determination. To automatically collect these logs--Run this script:

**cd /disk/data/sametime/**

**sudo sh stdiagzip.sh**

A zip file generated by the stdiagzip script is created in: */disk/data/sametime/trace*

It is in the following format: stdiags\_CELL\_MM\_DD@hh\_mm.zip

e.g. File name: stdiags\_EC0XXXXXXX\_01\_29@13\_30.zip

## 3.0 Start and Stop Servers

See section 3.2 and use the scripts provided to start and stop all the servers.

### 3.1 WebSphere Application Servers Manual Start and Stop– ec0xxxxxxx

*Deployment Manager*

Start

**cd /disk/apps/sametime/WebSphere/AppServer/profiles/STSCDMgrProfile/bin**

**sudo ./startServer.sh dmgr**

Stop

**cd /disk/apps/sametime/WebSphere/AppServer/profiles/STSCDMgrProfile/bin**

**sudo ./stopServer.sh dmgr -username wasadmini7 -password <password>**

*Sametime System Console*

Start

**cd /disk/apps/sametime/WebSphere/AppServer/profiles/STSCAppProfile/bin**

**sudo ./startServer.sh nodeagent**

**sudo ./startServer.sh STConsoleServer**

Stop

**cd /disk/apps/sametime/WebSphere/AppServer/profiles/STSCAppProfile/bin**

**sudo ./stopServer.sh nodeagent -username wasadmini7 -password <password>**

**sudo ./stopServer.sh STConsoleServer -username wasadmini7 -password <password>**

*Sametime Proxy Server*

Start

**cd /disk/apps/sametime/WebSphere/AppServer/profiles/** **ec0glz124STPPNProfile1/bin**

**sudo ./startServer.sh nodeagent**

**sudo ./startServer.sh STProxyServer**

Stop

**cd /disk/apps/sametime/WebSphere/AppServer/profiles/** **ec0glz124STPPNProfile1/bin**

**sudo ./stopServer.sh nodeagent -username wasadmini7 -password <password>**

**sudo ./stopServer.sh STProxyServer -username wasadmini7 -password <password>**

*Sametime Meeting Server*

Start

**cd /disk/apps/sametime/WebSphere/AppServer/profiles/** **ec0glz124STMPNProfile1/bin**

**sudo ./startServer.sh nodeagent**

**sudo ./startServer.sh STMeetingServer**

Stop

**cd /disk/apps/sametime/WebSphere/AppServer/profiles/** **ec0glz124STMPNProfile1/bin**

**<password>**

**sudo ./stopServer.sh STMeetingServer –username wasadmini7 –password <password>**

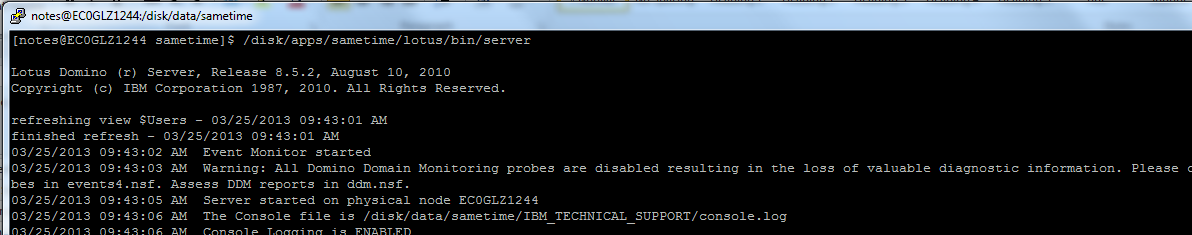
### 3.2 Domino – Community Server Manual Start and Stop – ec0xxxxxxx

*To start the Domino server:*

**su - notes**

**cd /disk/data/sametime**

type **/disk/apps/sametime/lotus/bin/server <cr>**



The Domino console will start. Domino console commands can be entered.

Do not exit or close the session if you perform the start Domino server this way. Once you exit the session, the server will shut down. Please run the script in the following session to run it in the background.

*To stop the Domino server*

Type **exit** in the console prompt

If the server fails to shut down completely, open another session and check to see if any domino services are still running.

**ps –ef**

The list of services will display.

If any domino services are running, note the *<pid>*, then use the *kill* command to stop them

**sudo kill -9 <pid>**

This will terminate the Domino server.

### 3.3 Start and Stop Scripts for WebSphere and Domino Servers

These scripts would be modified to a certain extent to reflect each state and zone.

*WebSphere Start and Stop*

[EC01LI4004]$ **cd /disk/scripts/sametime**

to start all the Sametime servers:

**sudo ./startallservers.sh**

or to stop all the Sametime servers:

**sudo ./stopallservers.sh**

Each of the servers has a start and stop script associated to each of them for independent start and stop.

[EC01LI4004 sametime]$ **ls**

**startallservers.sh StartConsoleServer.sh StartMeetingServer.sh StartProxyServer.sh stopallservers.sh StopConsoleServer.sh StopMeetingServer.sh StopProxyServer.sh**

*Domino Start and Stop Script*

[EC01LI4004]$ **cd /disk/scripts/sametime**

run the following with either the “**start**” or “**stop**” operand.

**./rc\_domino.sh <start> <stop>**

The following messages should appear when running “**start**”.

**Switching to notes**

**Starting Domino for xLinux (notes)**

**done PID is 17087**

**Return Code: 0**

This script calls on two other scripts in the same folder: **rc\_domino\_config\_notes** and rc**\_domino\_scripts**

[EC01LI4004 sametime]$ **ls**

**rc\_domino\_config\_notes rc\_domino\_script rc\_domino.sh**