

Technical Note Secure Viewer Thin Client for non-Microsoft Devices

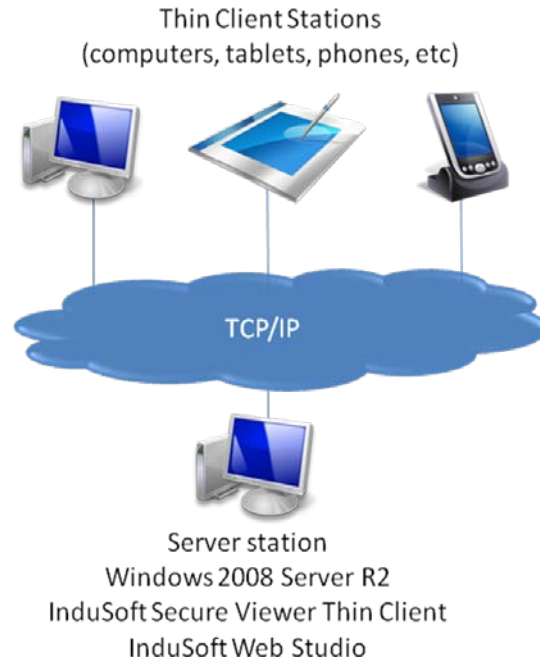
Introduction

This document describes the step by step to configure the Windows Server 2008 R2 in order to enable remote connections. Using this architecture, along with the InduSoft Secure Viewer Thin Client solution, remote devices can access the application as independent thin clients, even when such devices run a non-Microsoft platform (e.g.: iPads, iPhones, Android tables and phones, among others).

Architecture

In order to access InduSoft Web Applications on non-Microsoft devices, we must configure a Windows Server station, and install InduSoft Secure Viewer on it. InduSoft Web Studio can be installed on the same Server or in another computer in the network. The following steps will be necessary:

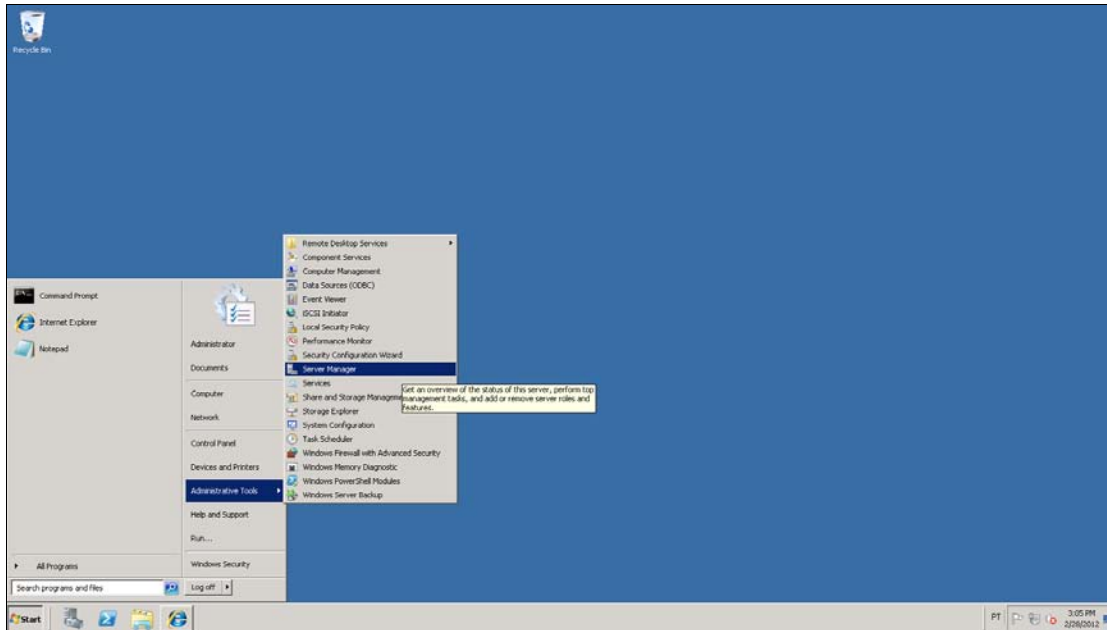
- 1- Install Windows Server 2008 R2 (not described in this Tech Note).
- 2- Install and configure Remote Desktop Services on the Server station.
- 3- Install and configure InduSoft Secure Viewer on the Server station.
- 4- Configure User's properties on the Server station to launch InduSoft Secure Viewer on logon.
- 5- Install and configure the Remote Desktop Application on the thin client devices (computers, tables and/or phones).



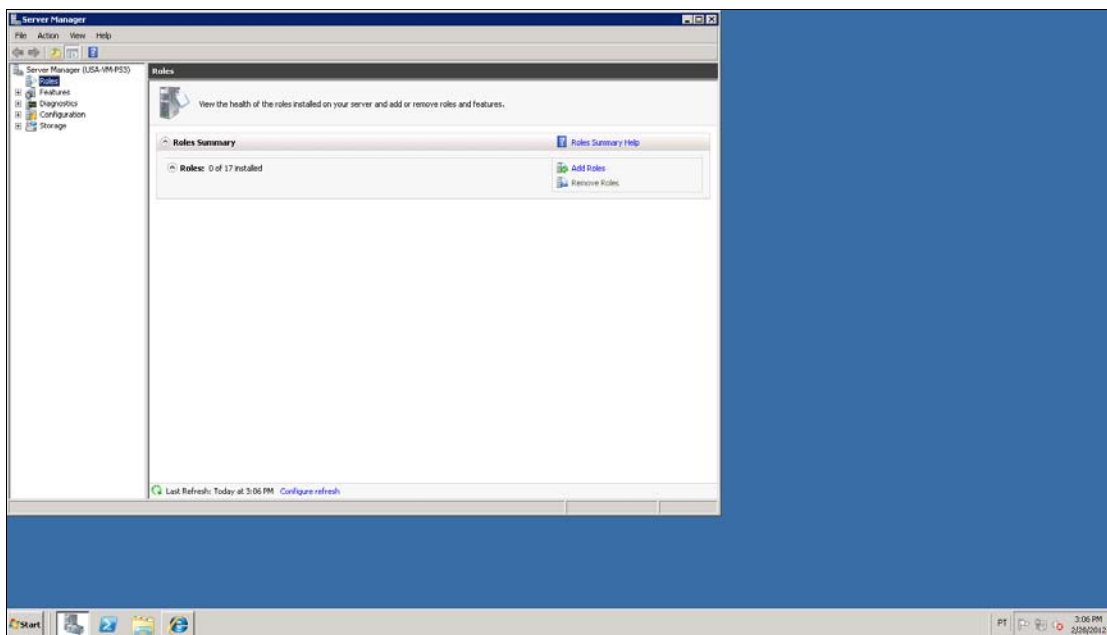
Remote Desktop Services installation

After installing Windows Server 2008 R2 we must install Remote Desktop Services (this will allow remote desktop connections), for this follow the step:

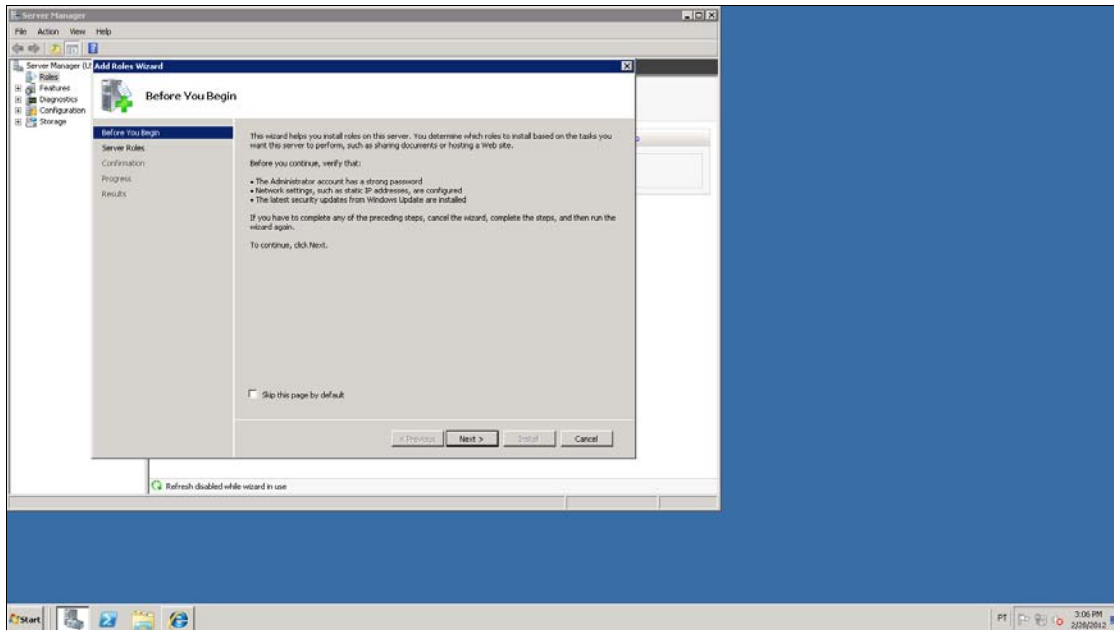
- 1- Click on the Start Menu, Administrative Tools, Server Manager:



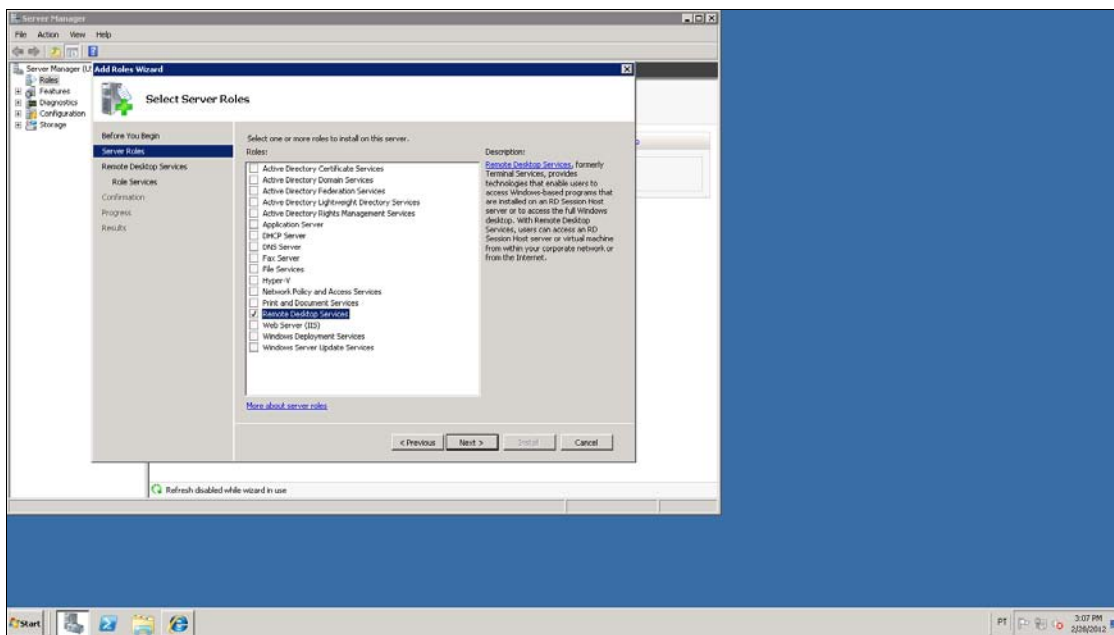
- 2- Select Roles on the left menu:



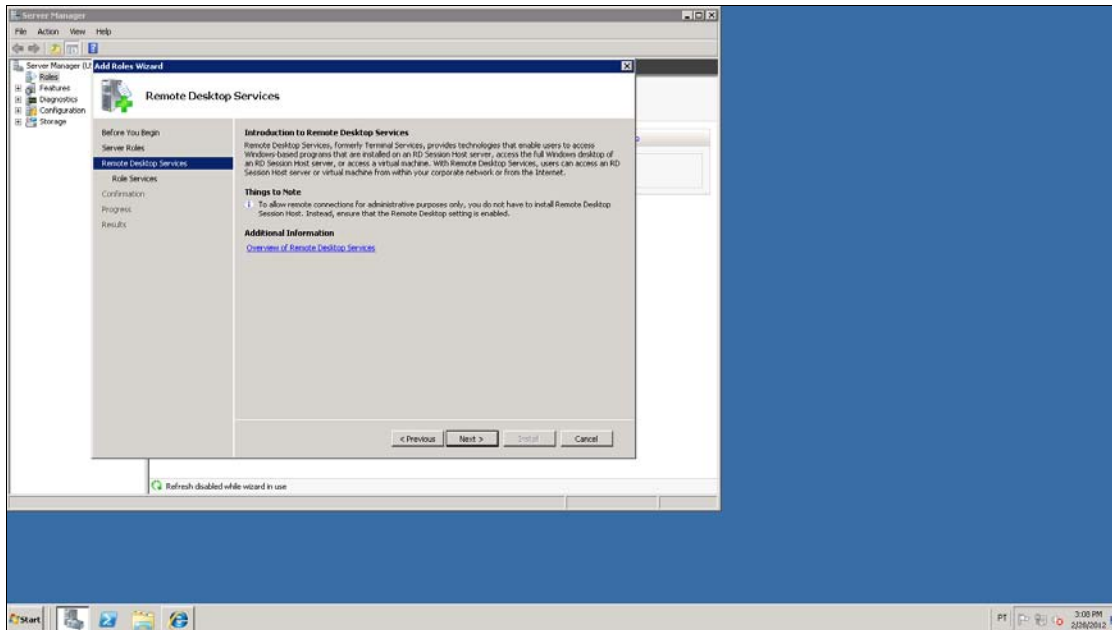
3- Click on Add Roles:



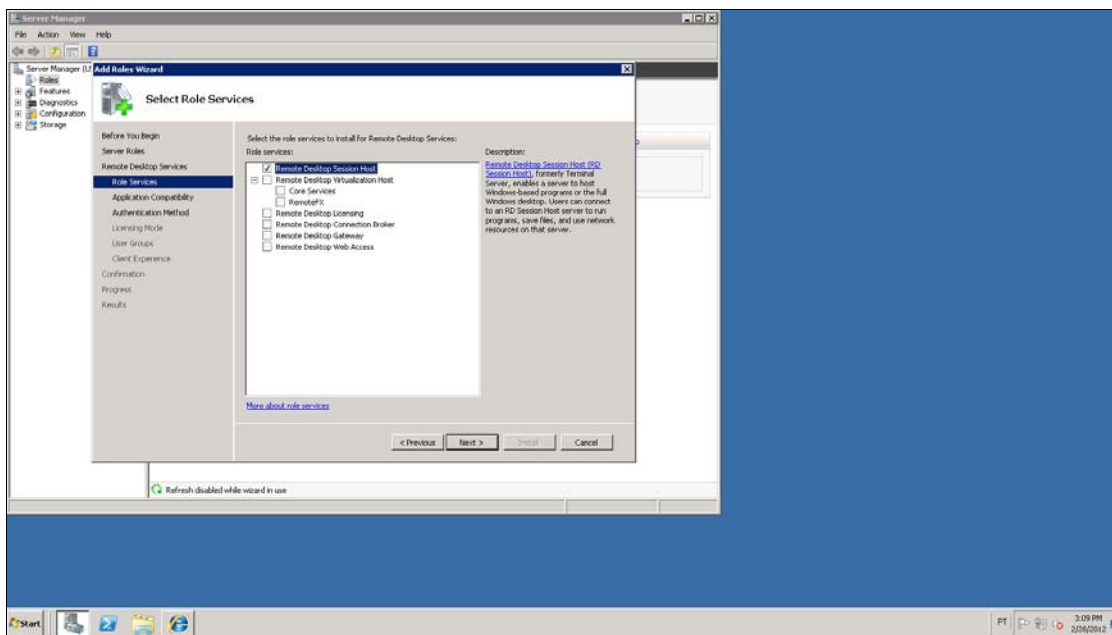
4- Click on Server Roles, select Remote Desktop Services and click Next:



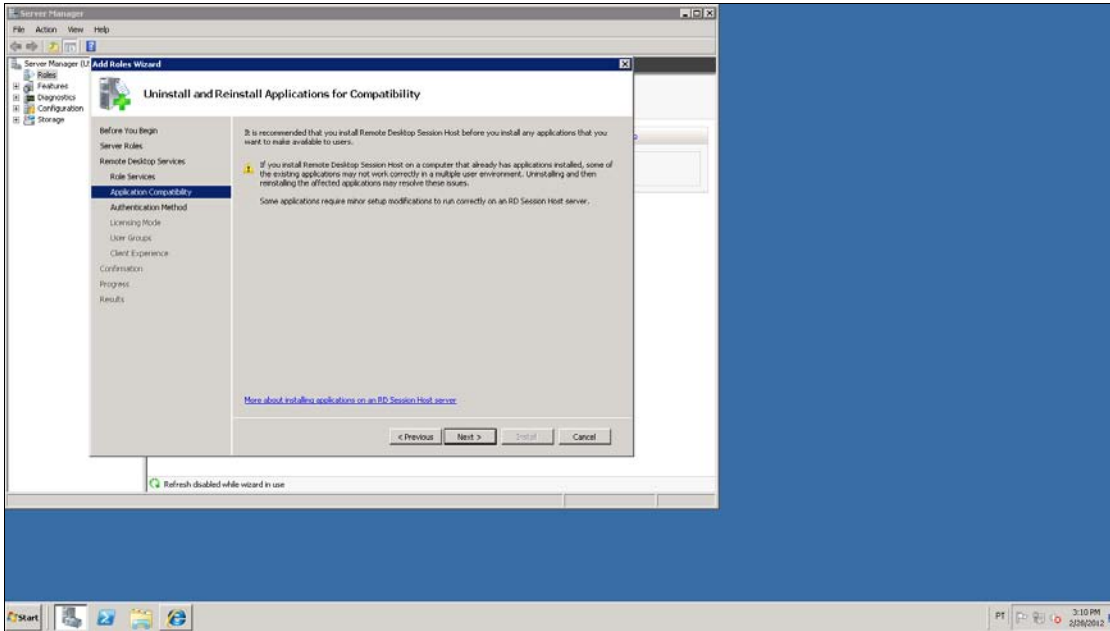
5- Click in Next:



6- Select Remote Desktop Session Host and click Next:

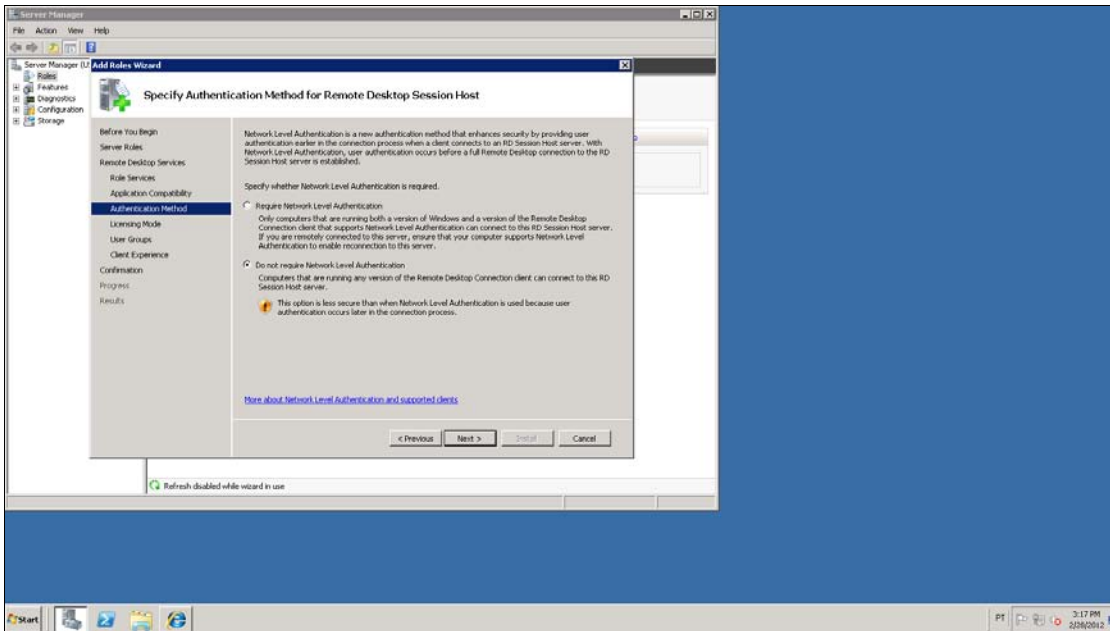


7- Click Next:

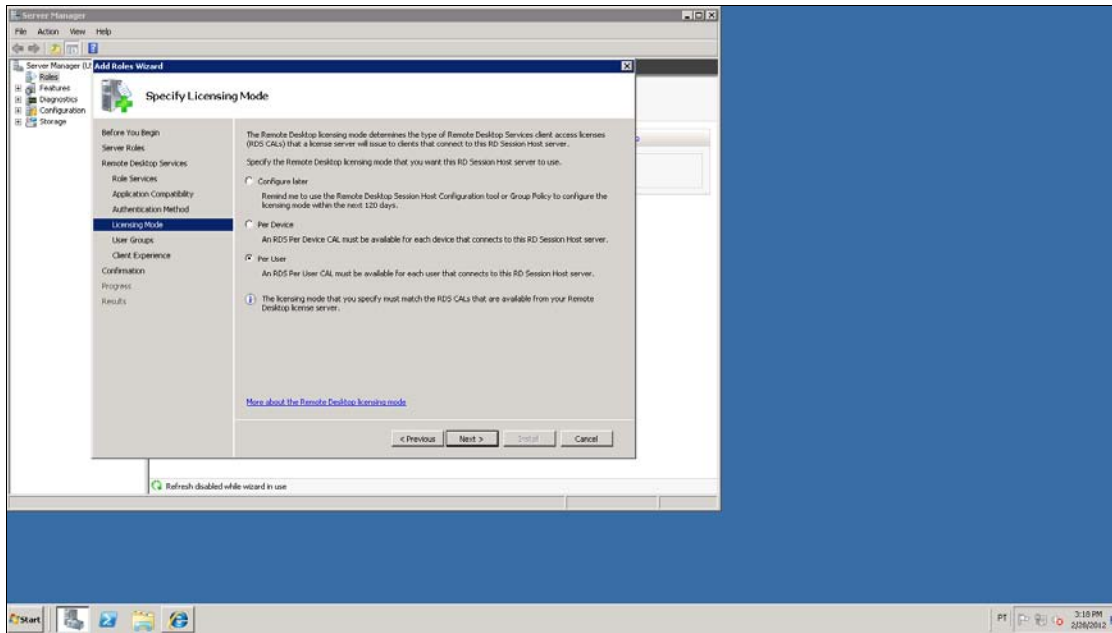


Caution: As described below, it is important that you install InduSoft Secure Viewer after finishing the installation and configuration of Remote Desktop Services.

8- Select “Do not require Network Level Authentication” and click Next:

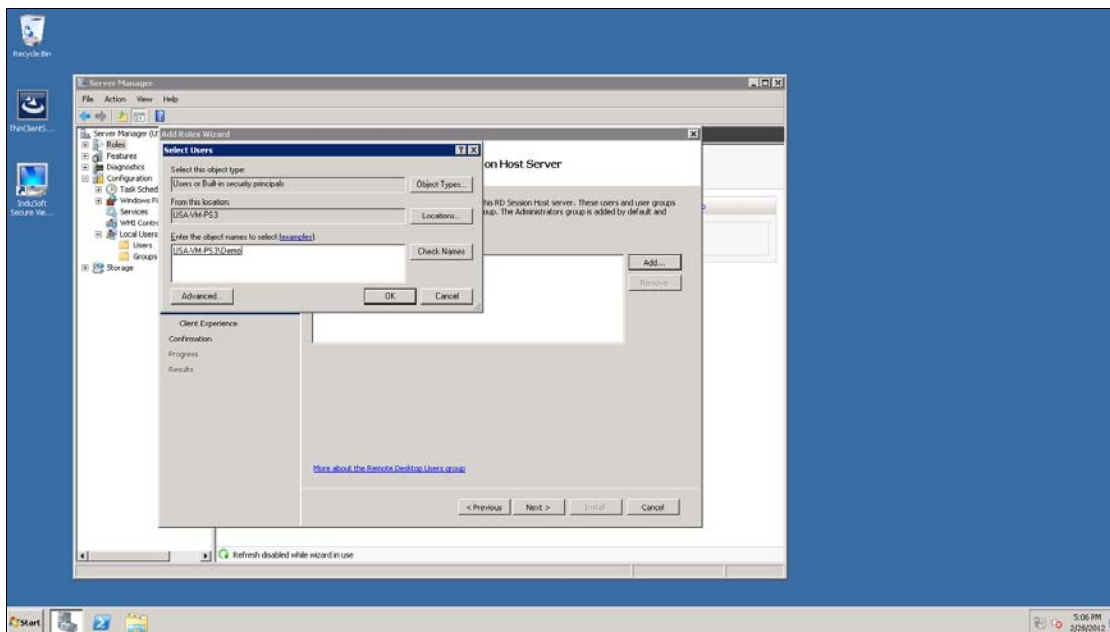


9- On Licensing Mode select “Per User” option and click Next:

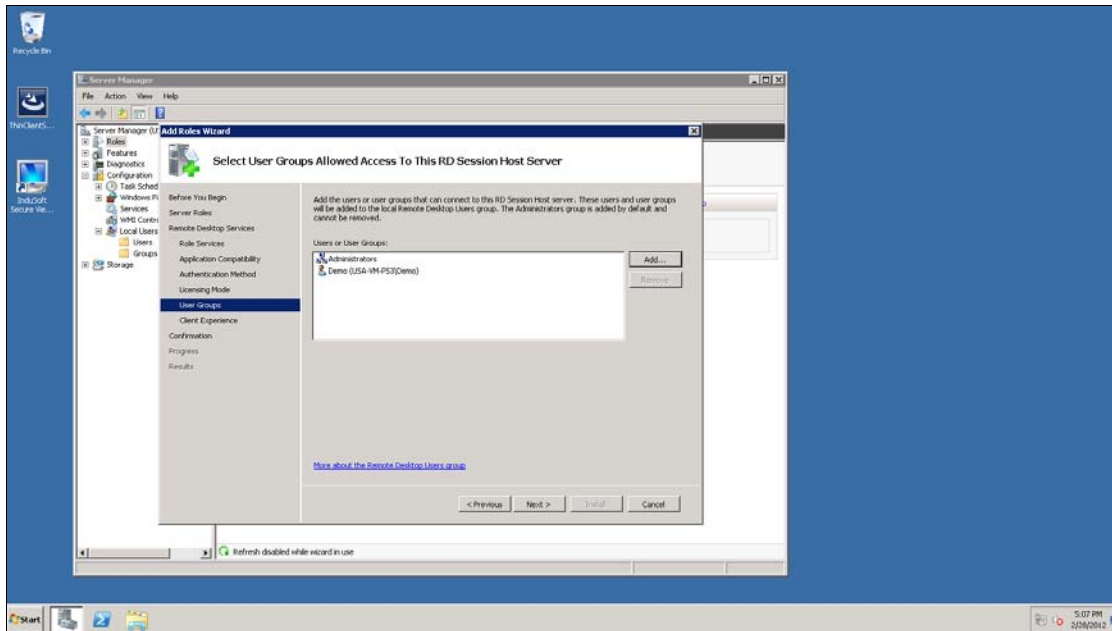


Note: For licensing information, please contact your Microsoft vendor and configure the Remote Desktop license server.

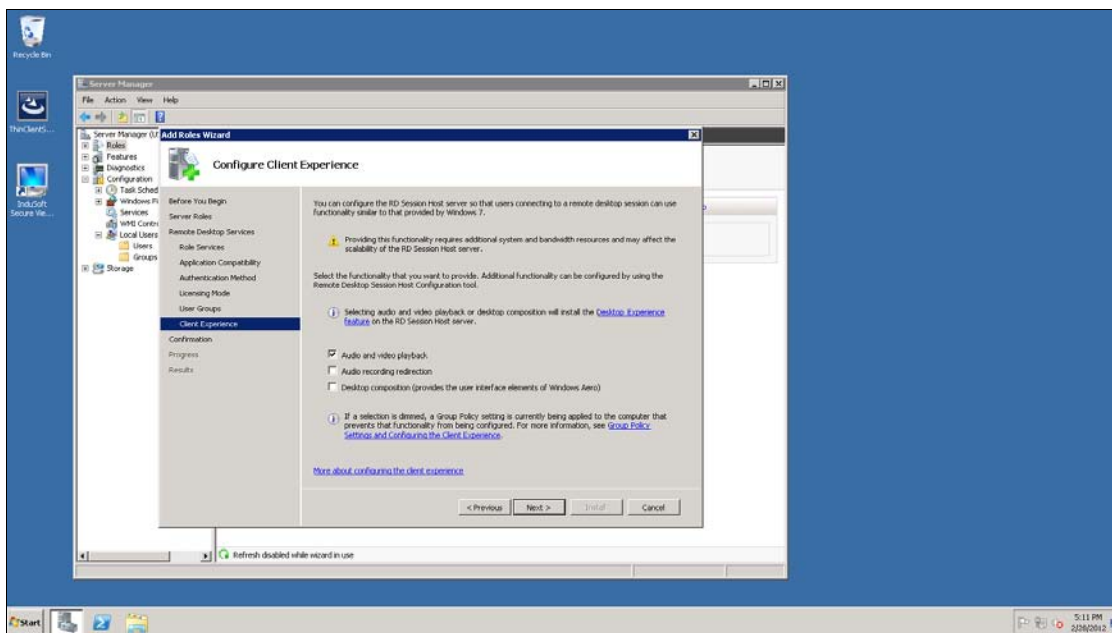
10- Click “Add..” button in order to add the groups or user you want to enable to remote access the application:



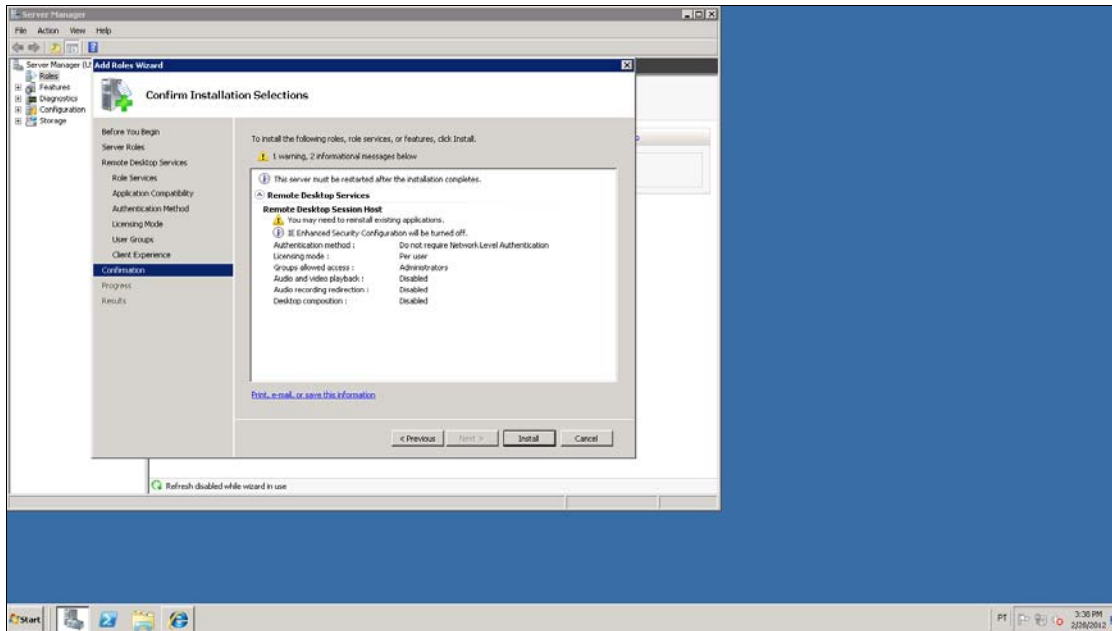
11- Once you have selected the users and groups you want to enable, click Next:



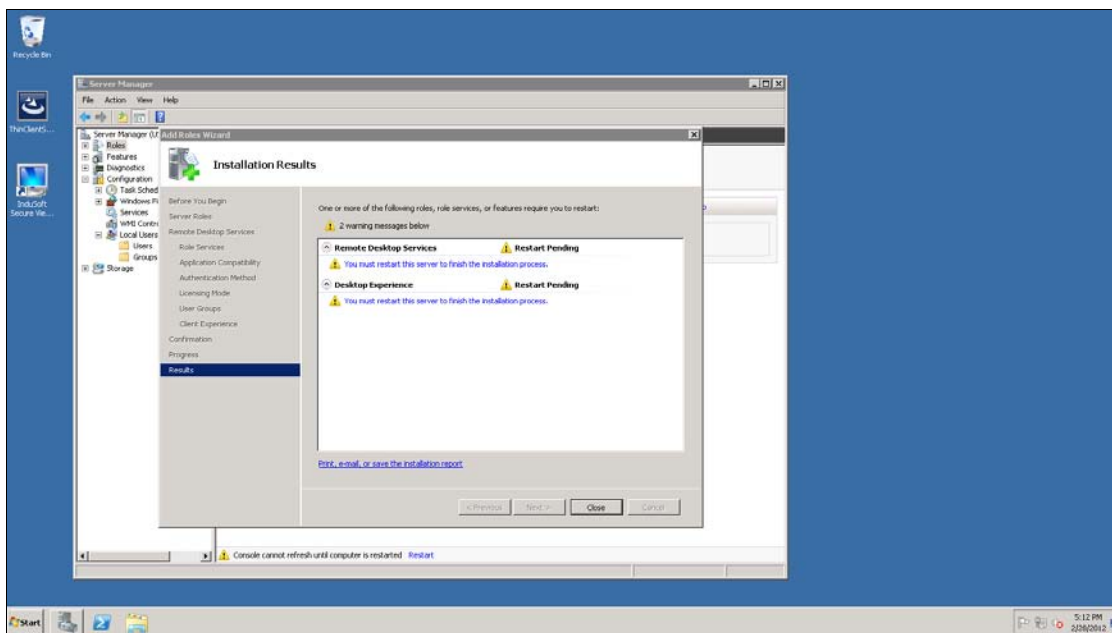
12- Select "Audio and video playback option" and click Next:



13- Check the desired settings and click Install:



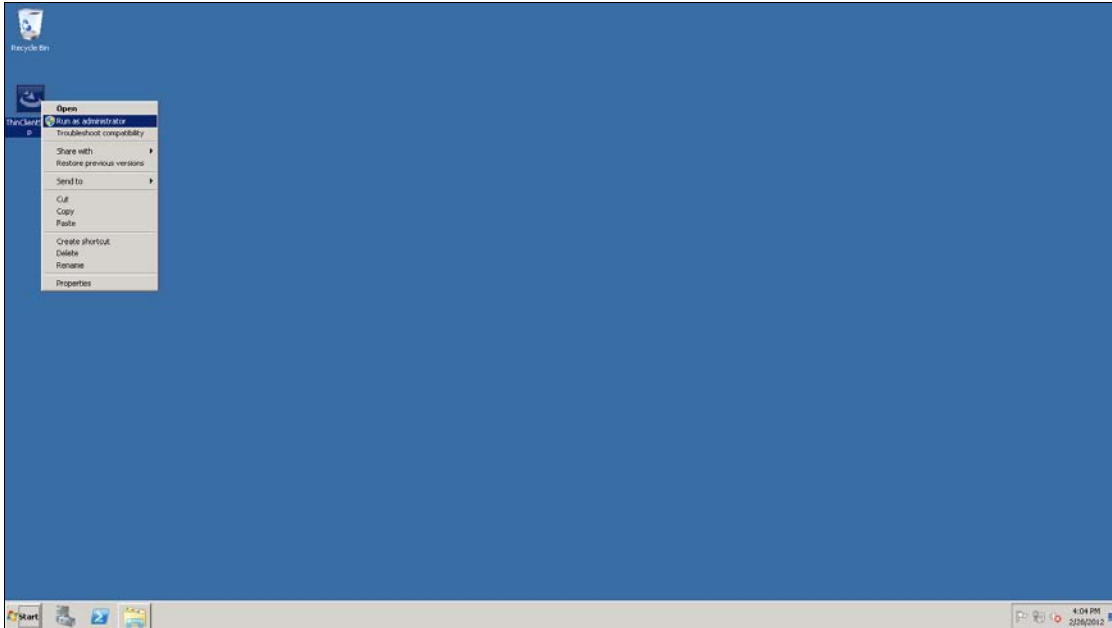
14- Once the installation has finished it will require a reboot of the server:



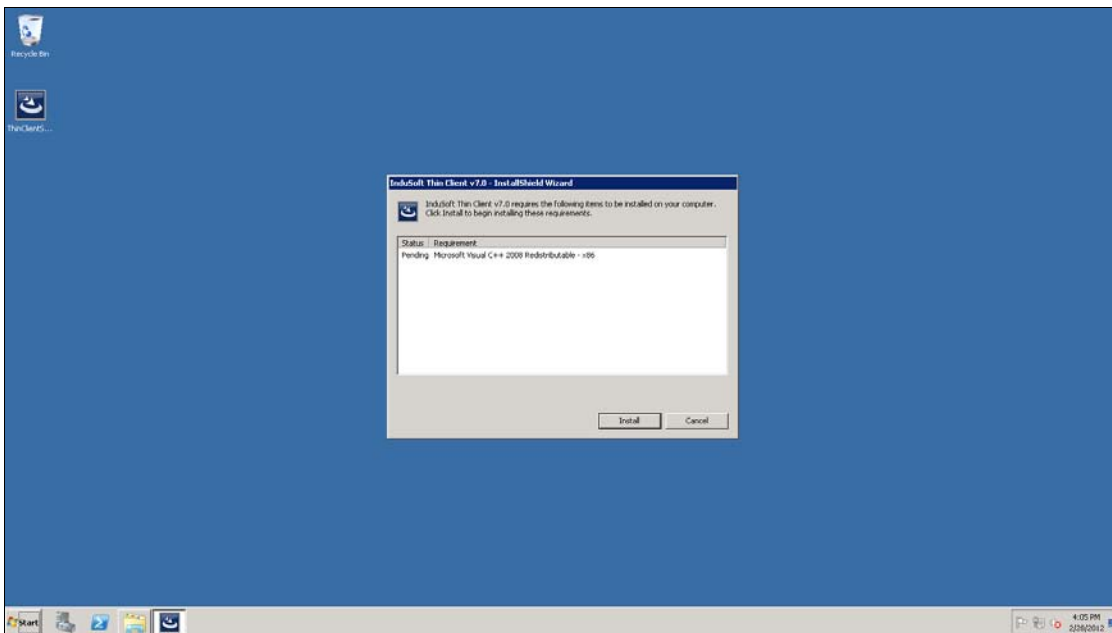
InduSoft Secure Viewer installation

Now that Remote Desktop Services is installed and configured, it's time to install and configure InduSoft Secure Viewer.

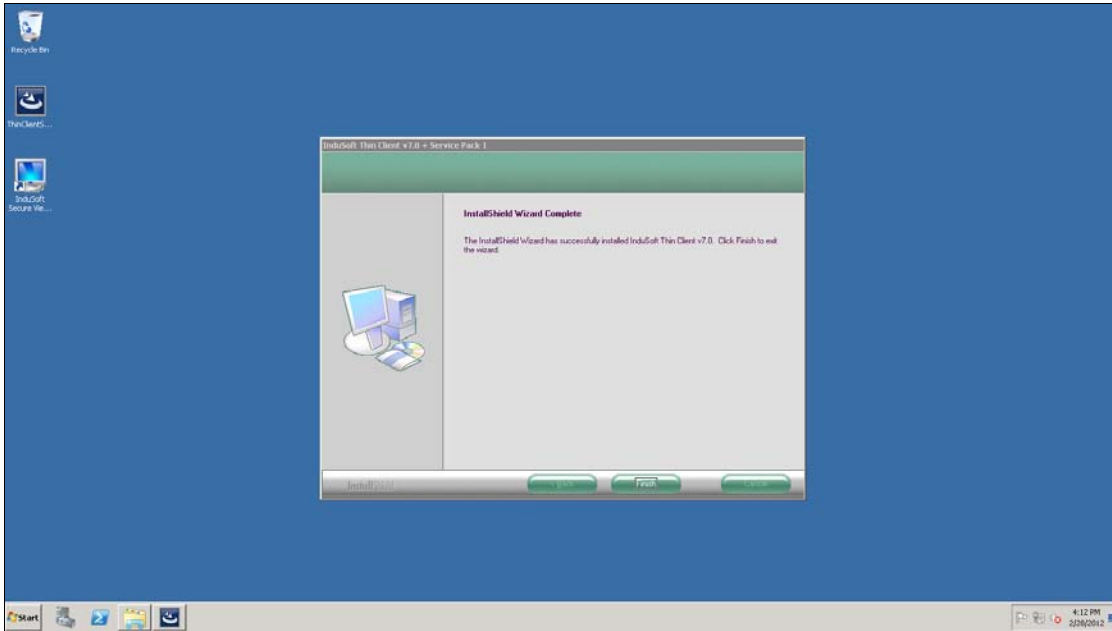
- 1- Right-Click on ThinClientSetup.exe and click Run as administrator:



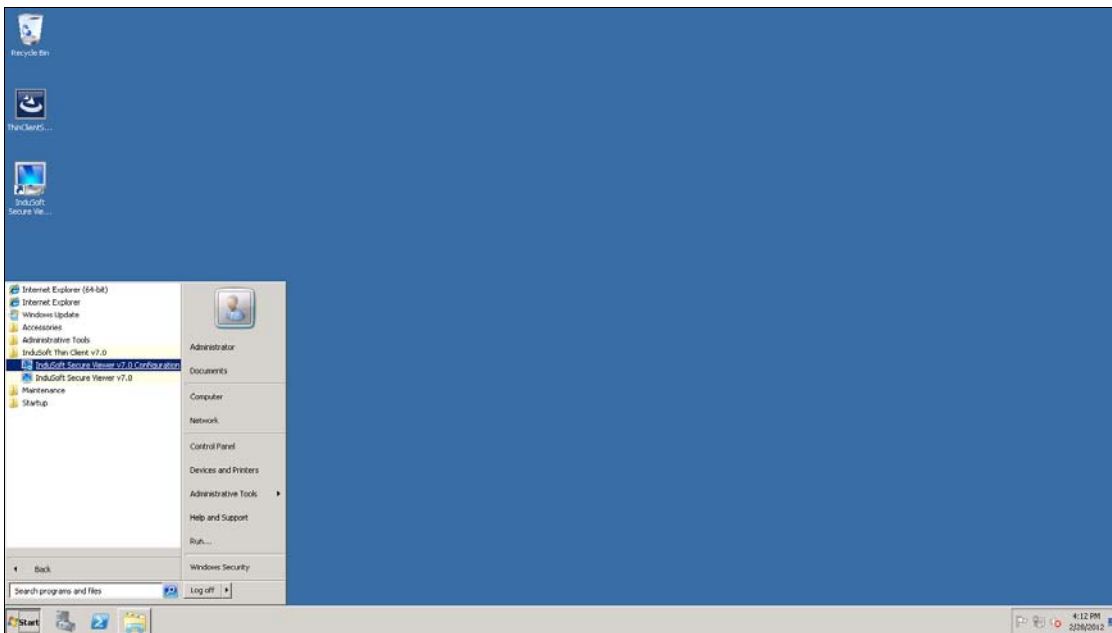
- 2- InduSoft Thin Client Setup will install the necessary components for the Secure Viewer:



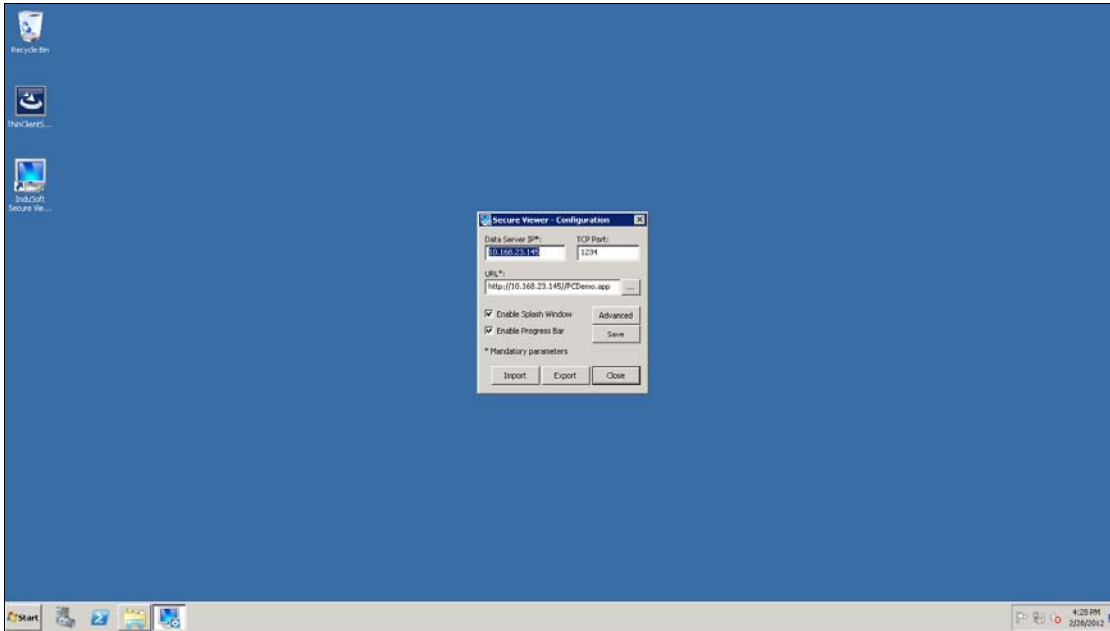
3- Installation completed:



4- Go to Startup Menu, All Programs, InduSoft Secure Viewer v7.0:



5- Run and configure InduSoft Secure Viewer v7.0 Configuration:

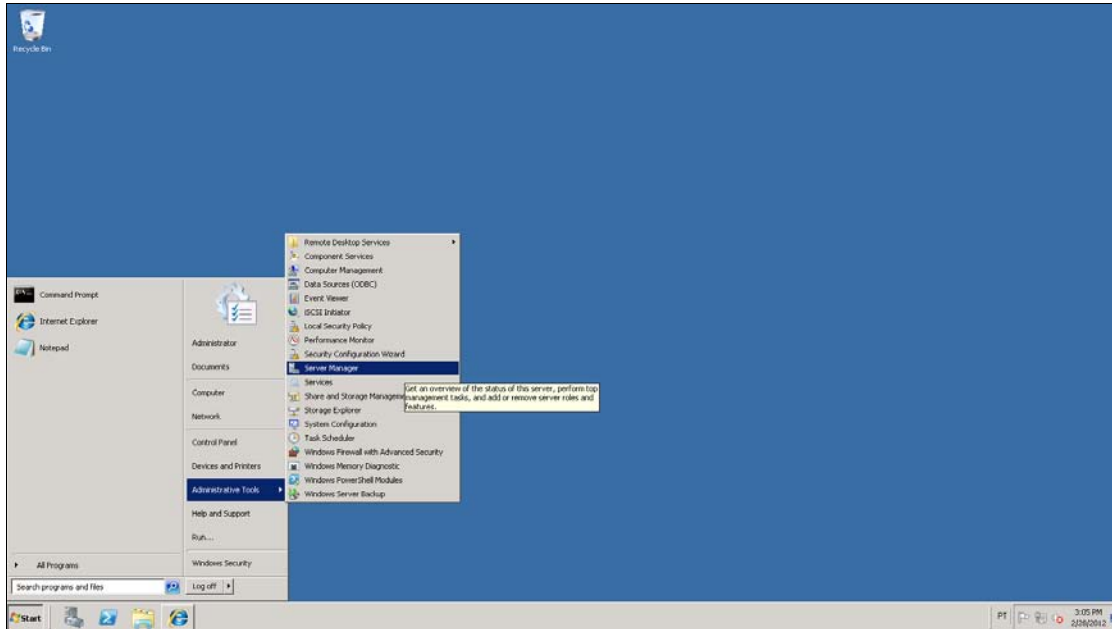


Note: For further information on how to configure the Secure Viewer, please consult the InduSoft Web Studio manual or contact technical support.

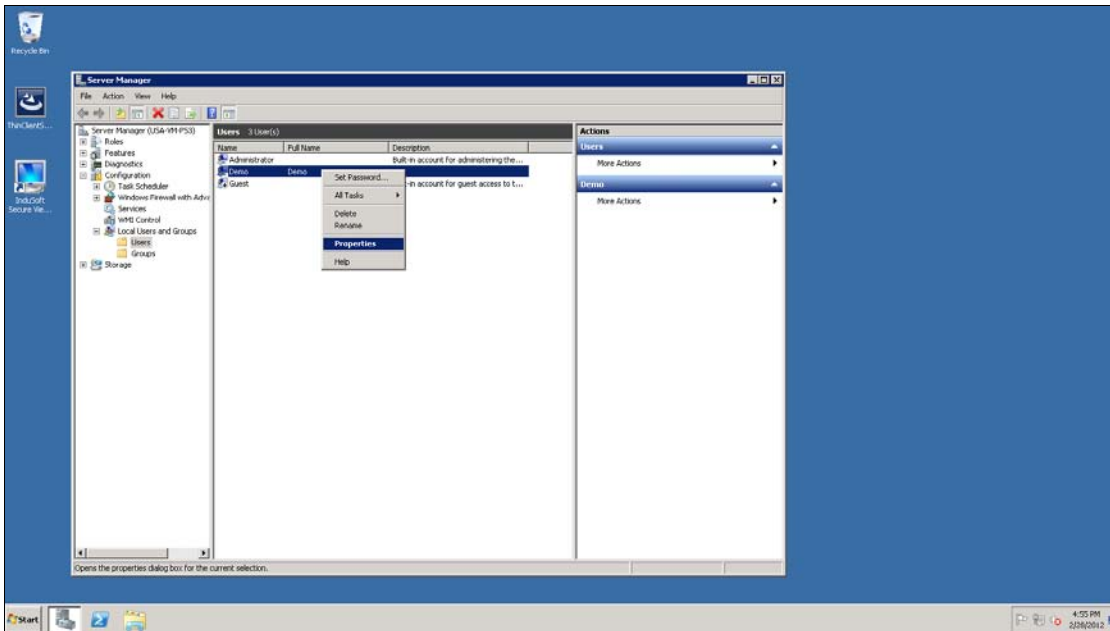
Configure User's properties to launch InduSoft Secure Viewer on Logon

With the following configurations, Windows will automatically launch InduSoft Secure Viewer when the desired user ('Demo' on this case) connects remotely. Moreover, it will automatically close the connection whenever the InduSoft Secure Viewer is closed (for security reasons). Doing so, others users (i.e. Administrator) will be able to connect remotely without opening InduSoft Secure Viewer.

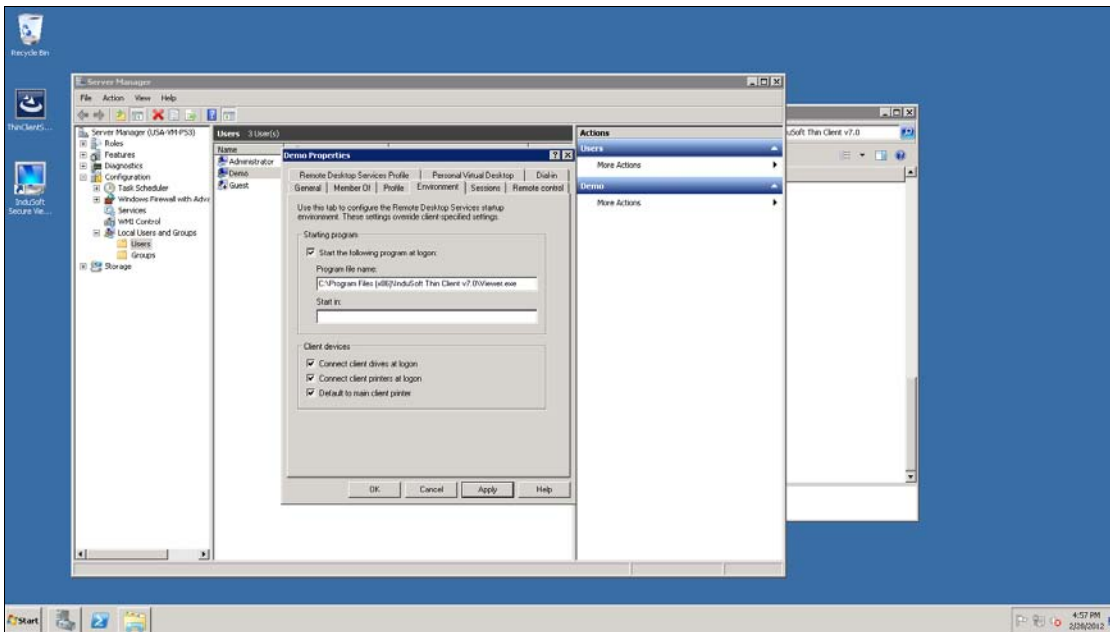
- 1- Click on the Start Menu, Administrative Tools, Server Manager:



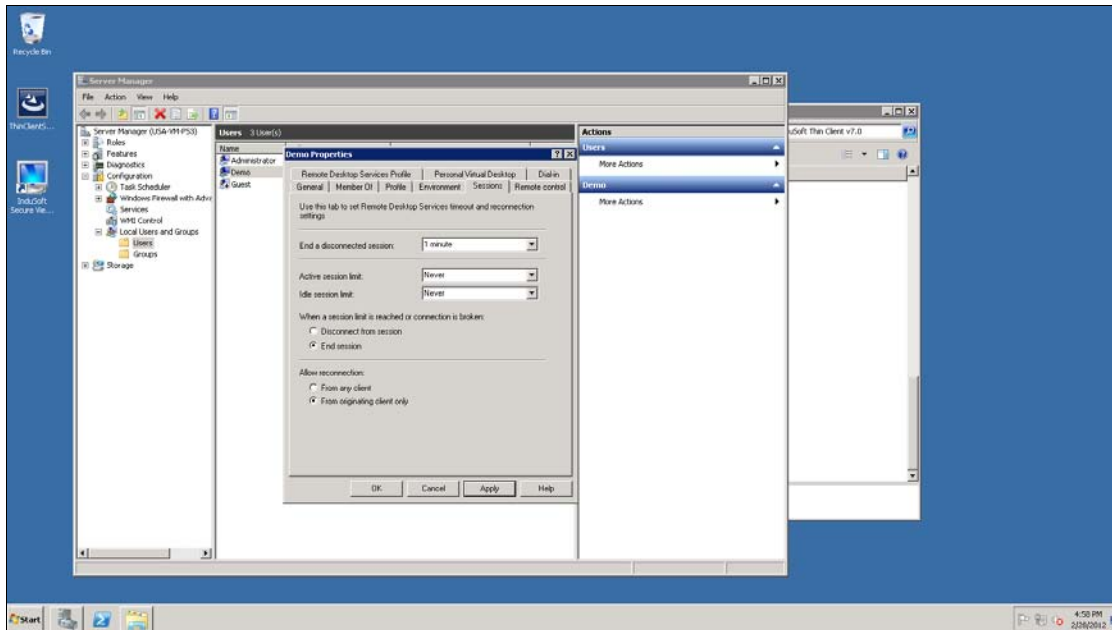
- 2- On the left menu, Server Manager, Configuration, Local Users and Groups, Users. Right-click on the desired user and Properties:



- 3- Go to Environment Tab, Starting Program, enable “Start the following program at logon”. Configure the Program file name field with the path for InduSoft Secure Viewer.exe:



4- Go to Sessions Tab and configure the following fields as illustrated in the following picture:



Remote Desktop Application

Now that we have the Windows 2008 R2 completely configured, you just have to install an application for remote desktop on your device. Using the Server's IP Address, User name and Password to access the secure viewer.

Some examples of Remote Desktop applications are:

- **PocketCloud:** For devices powered with iOS (iPads, iPhones, etc)
- **Remote RDP:** For devices powered with Android (Tablets or phones)
- **Microsoft Remote Desktop Connection:** For computers powered with Mac OSX

➡ **Note:** By the time this Tech Note was written, InduSoft had an InduSoft Demo Application running on the Cloud. In order to access it, configure your remote desktop application with the following settings:

- Host Address: 50.18.108.110
- User name: Demo
- Password: InduSoft!

Map of Revision

Revision	Author	Date	Comments
A	Paulo Guerra	February 28, 2012	▪ Initial Revision.