

Propalms TSE Quickstart Guide

TSE 6.5 on Windows Server 2008

Propalms Ltd.

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Terminal
Services
Edition



Overview

This guide walks you through installing the first server in a Propalms TSE Team. Once complete you will have a Windows 2008 R2 Server running Remote Desktop Services and the following Propalms TSE roles:-

- TSE WEB Server
- TSE Load Balancer
- TSE Application Server
- TSE Database

NB: This guide presumes your server is a member server in a domain.

Software Requirements

- Propalms TSE 6.5
- Windows Server 2008
- Microsoft SQL Server / SQL Express Edition (included in Support folder on TSE 6.5 media)

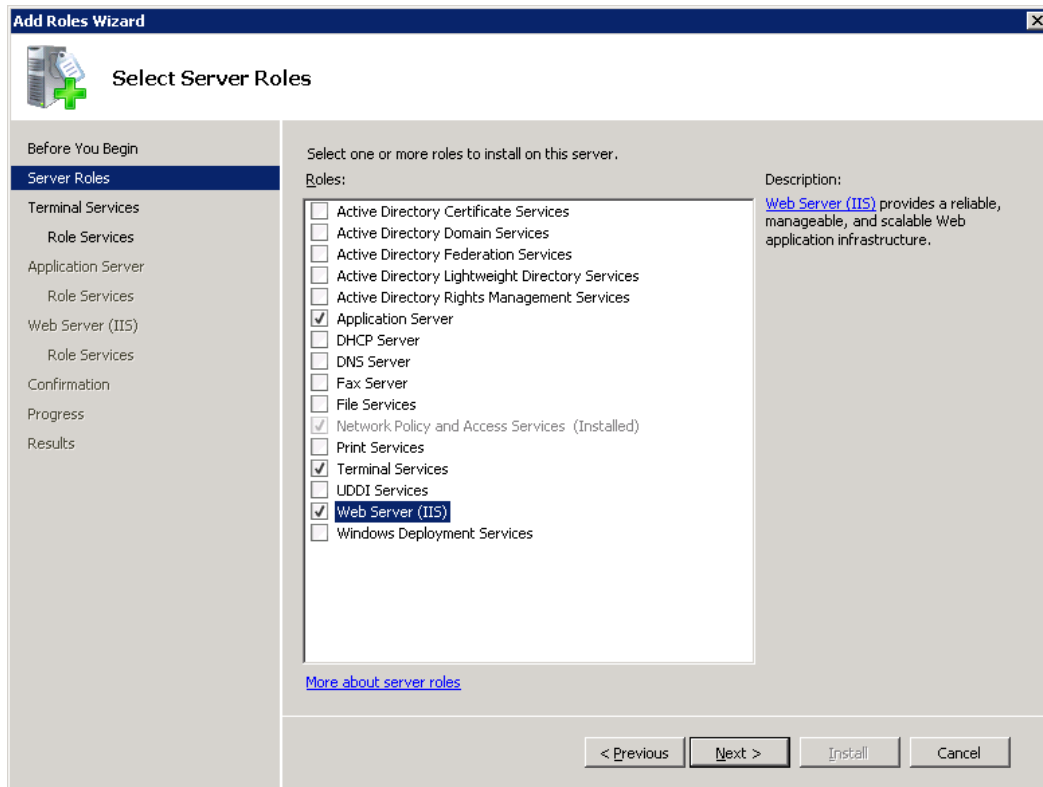
TSE Roles and Requirements

	WEB	APP	LB	SPR	VD	DMZ SPR
Windows 2008	IIS7, ASP, ASP.NET, IIS6 Metabase Compatibility, Network COM+ Access, Network DTC	Terminal Services Role, Network COM+ Access, Network DTC	Network COM+ Access, Network DTC	Network COM+ Access, Network DTC	VMware Server, Network COM+ Access, Network DTC	none

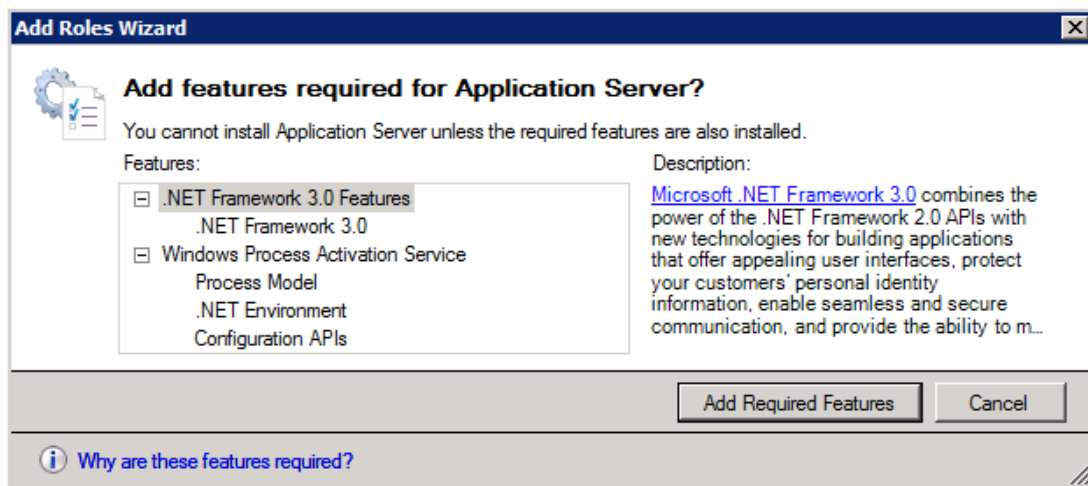
Install the required Windows Roles for 1st server in Team:

Open Server Manager and add the following Server Roles:

- Application Server
- Terminal Services (Optional)
- Web Server (IIS)

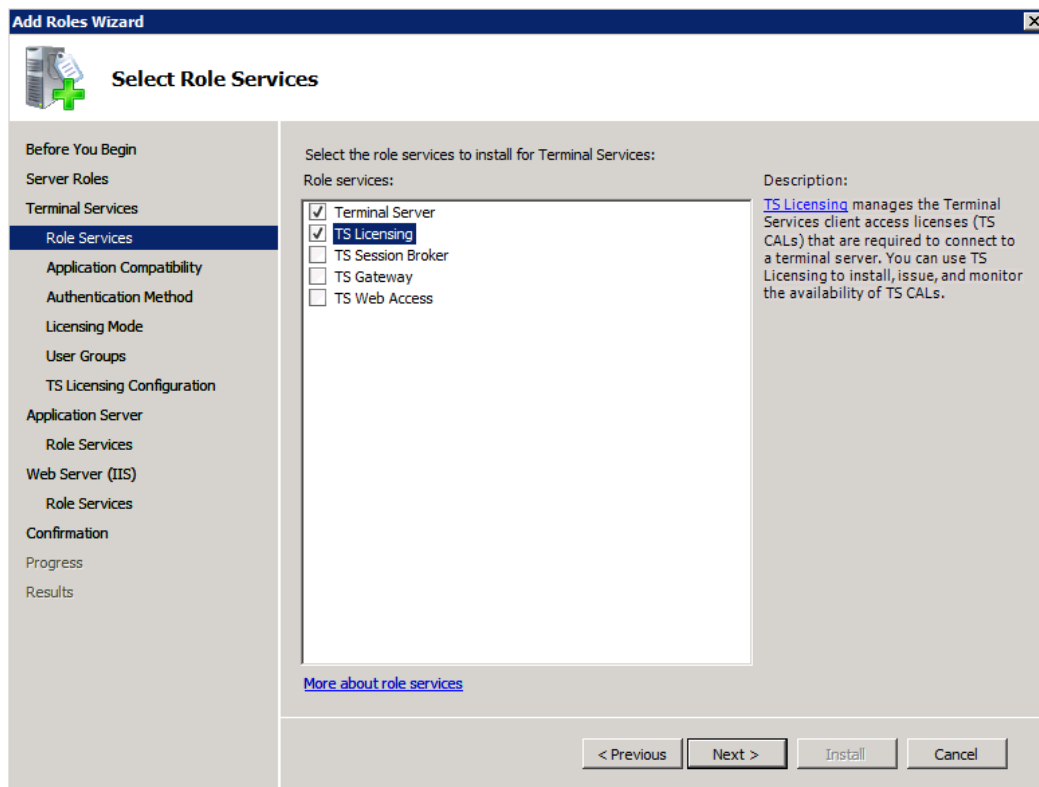


When prompted Add Required Features for Application Server

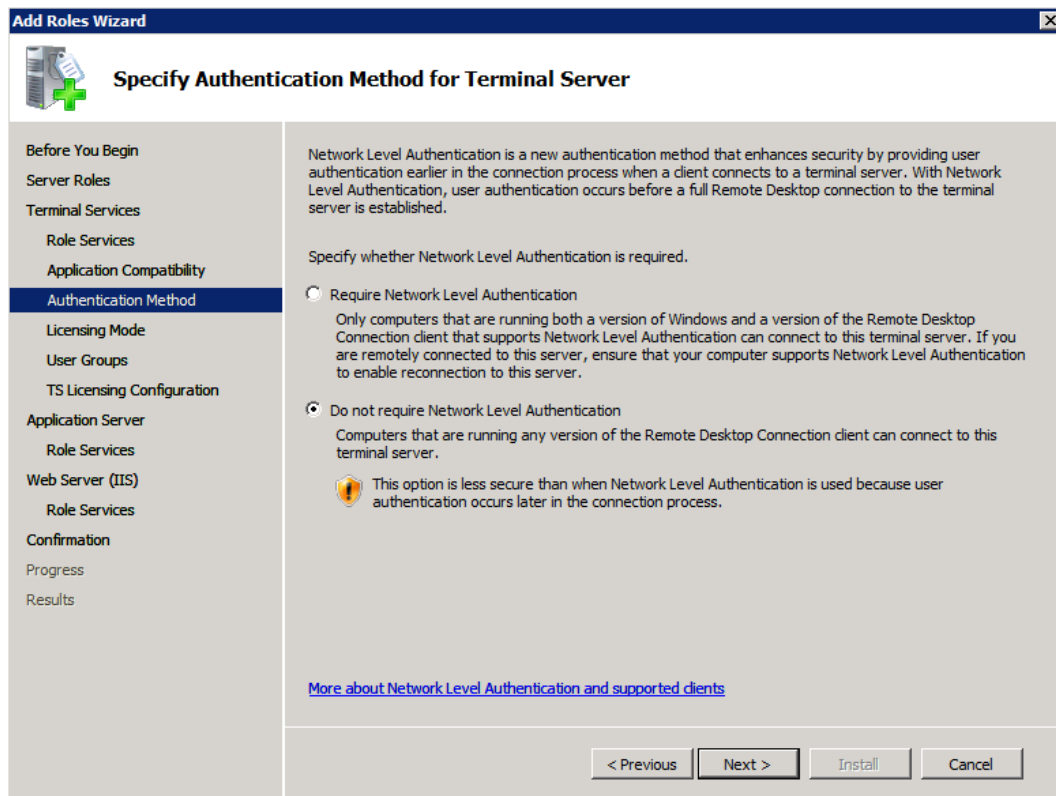


- **Terminal Server**

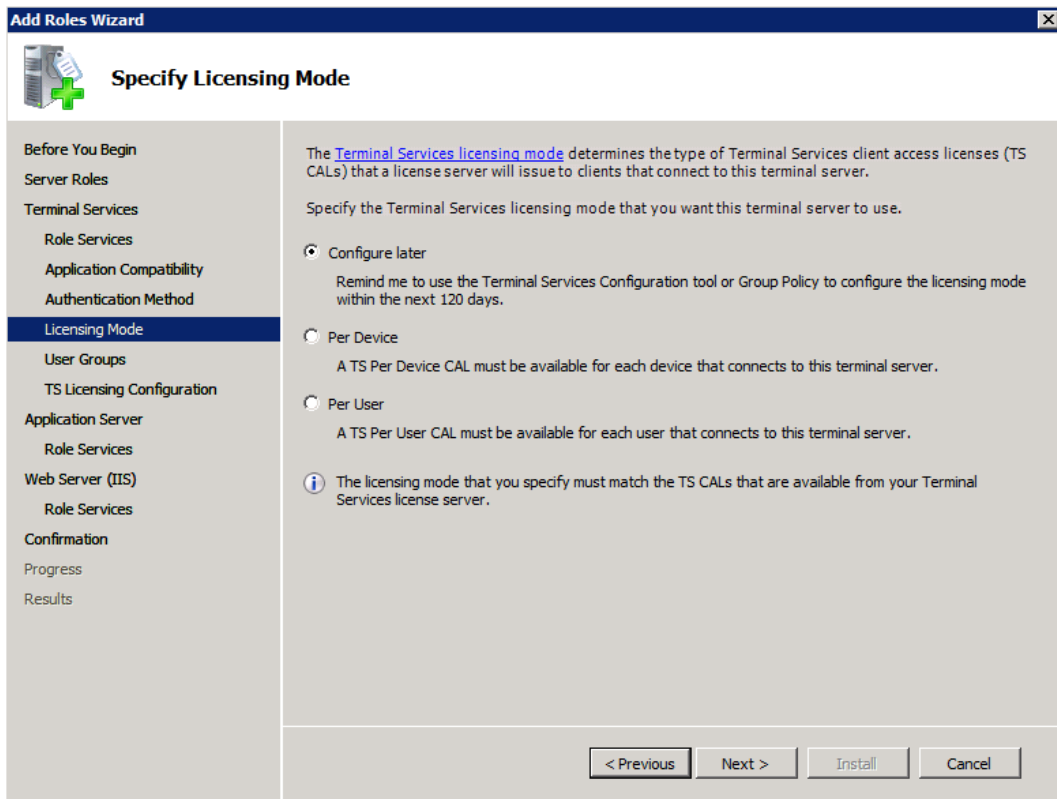
- Select **Terminal Server** role service and **TS Licensing** if no other TS License server available.
- All other Role Services are not required by Propalms TSE.



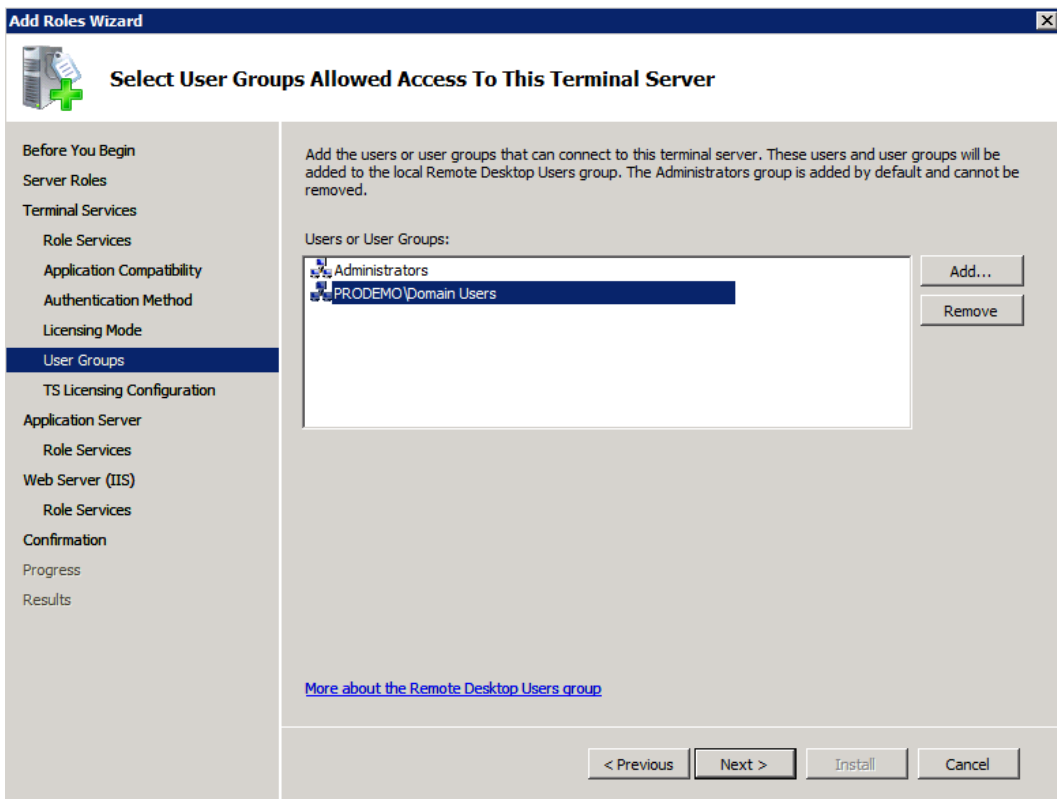
Select the Do not require Network Level Authentication to ensure all clients can connect. Propalms TSE ensures that authentication happens before users get remote desktop access to the server.



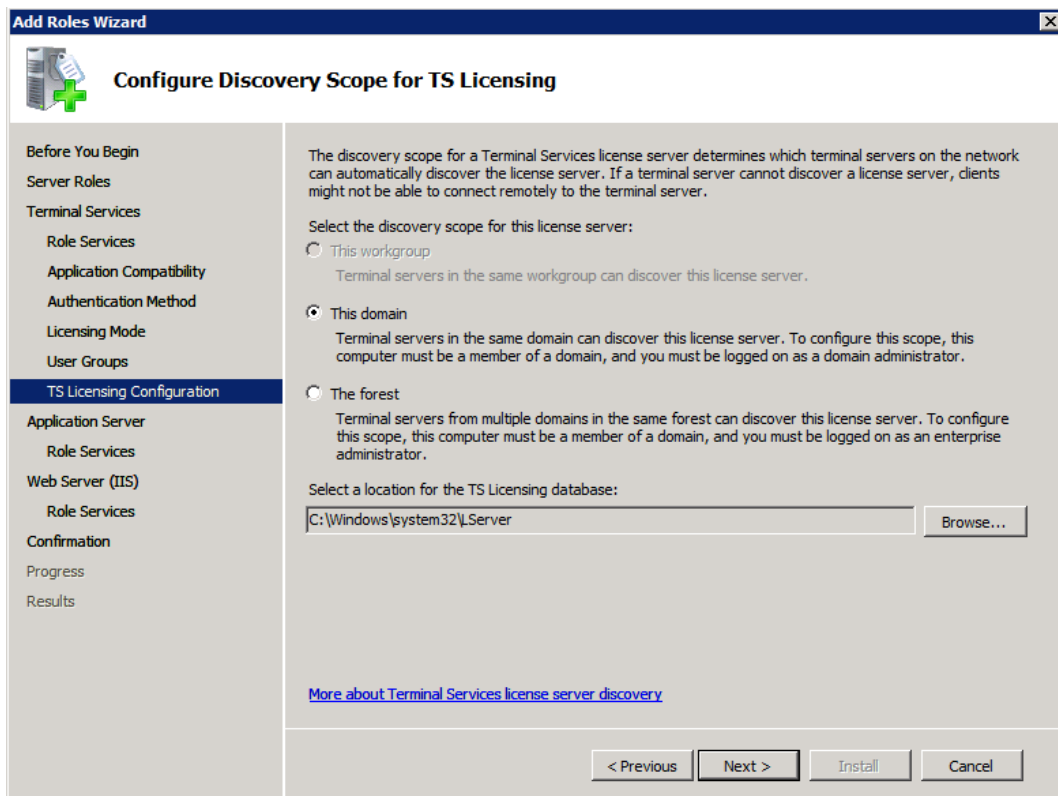
Choose your TS licensing mode



Add Domain Groups authorized to connect to this Terminal Server

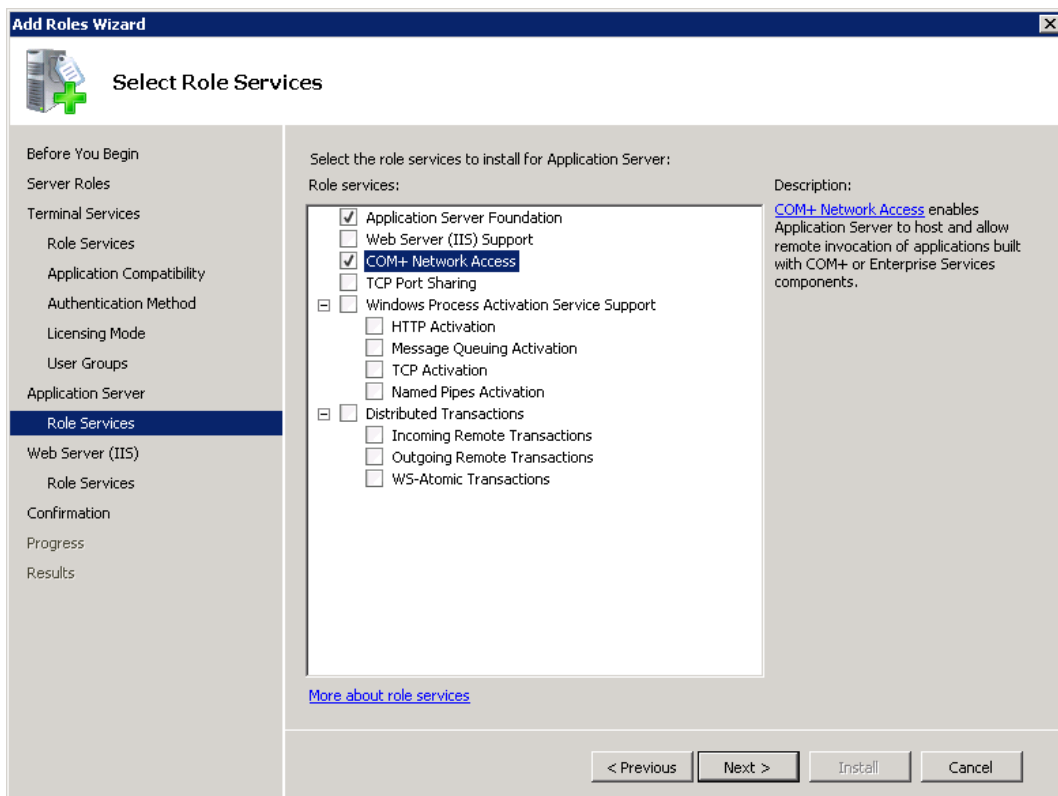


Configure TS Licensing properties for your environment



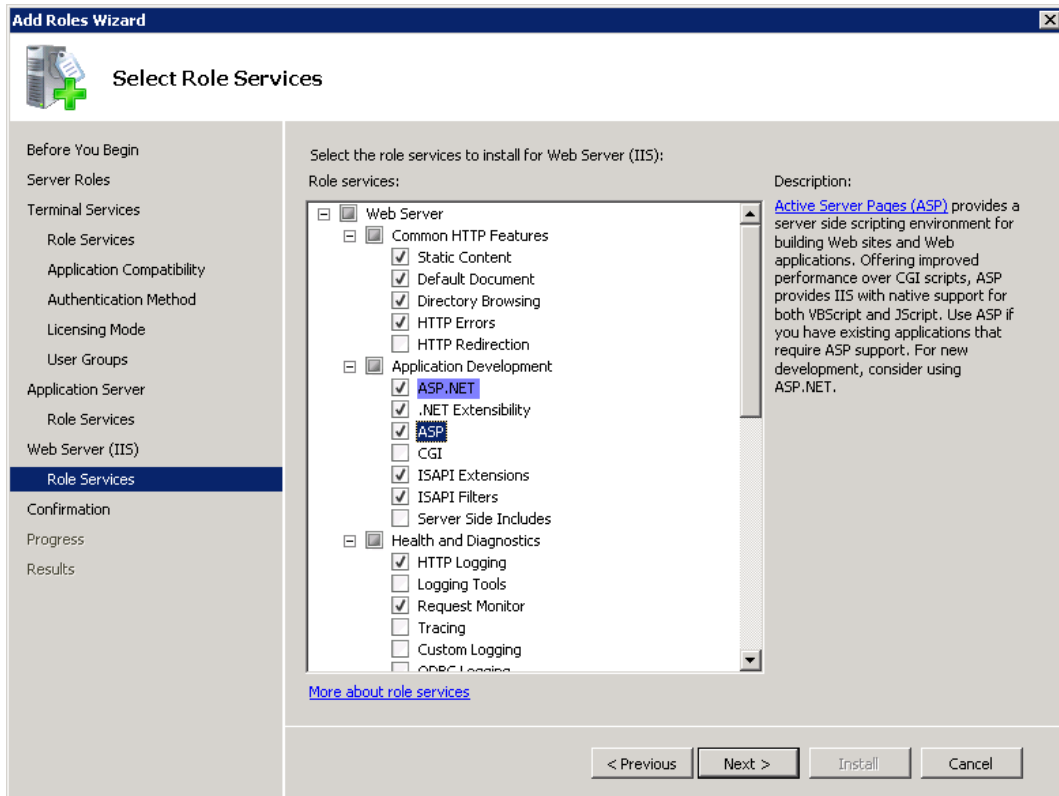
- **Application Server**

- Select **COM+ Network Access** role service in addition to the services already selected.

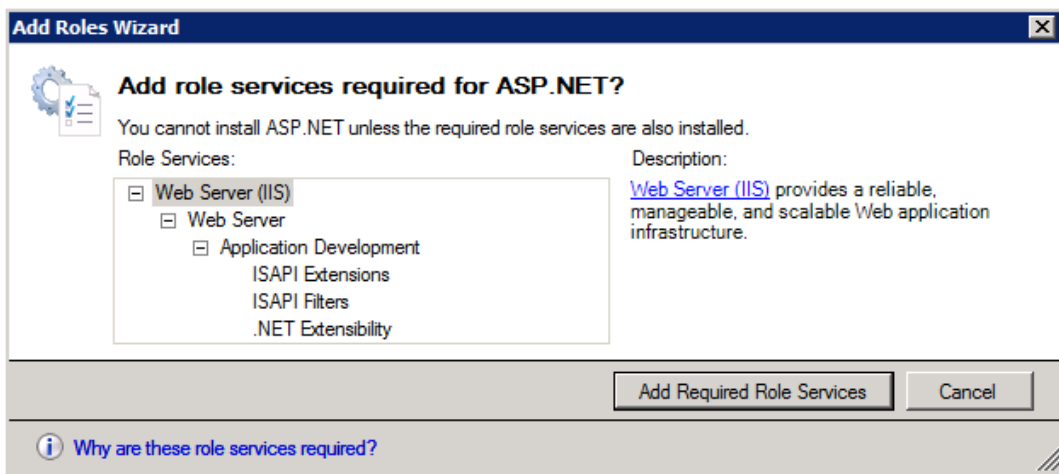


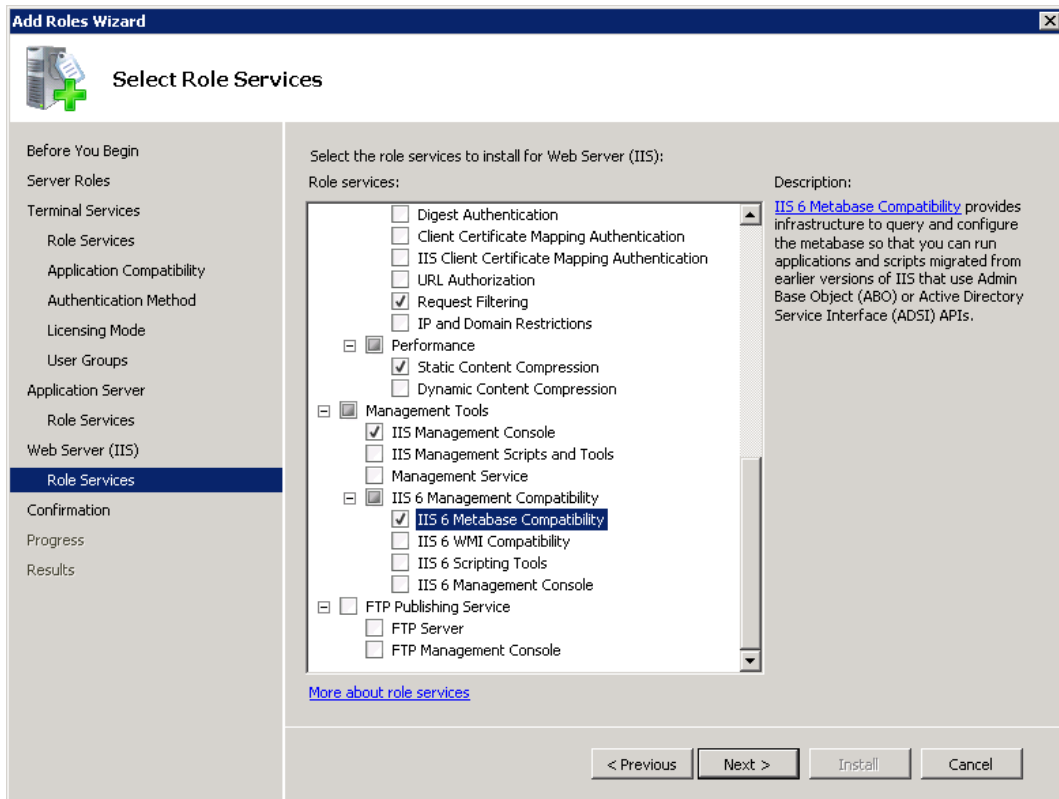
- **Web Server (IIS)**

- Select **ASP.NET**, **ASP** and **IIS6 Metabase Compatibility** role services in addition to the services already selected.



Add Role Services required for ASP.NET





A reboot is required after role installation.

Install database software

Propalms TSE can use the following versions of database engines only:

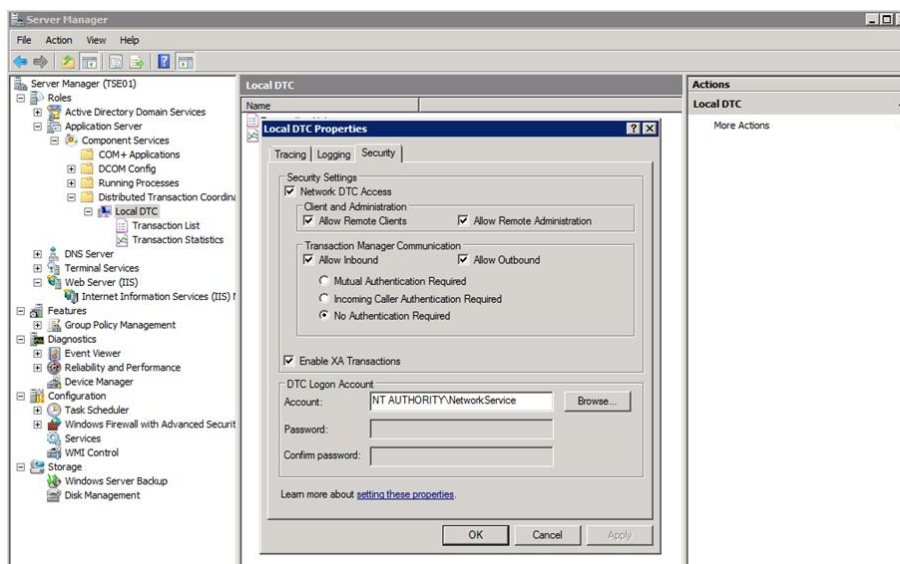
- **Microsoft SQL Server**
OR
- **SQL Express Edition**

SQL Express 2005 SP3 is included in the support directory on the TSE 6.5 media. An install script (**InstallSQLLEXPRESS.cmd**) is included which when run on the server will install SQL Express with the required settings for use with Propalms TSE. The install script creates a SQL instance named **Propalms**. When prompted for the database server name in the propalms installation, use the format **SERVERNAME\Propalms**.

NB: For increased security please edit the InstallSQLLEXPRESS.cmd file and change the value for the SA password. Currently set to **SET SAPWD=propalms**

Enable Network DTC Access

Enable the settings as shown below. This action should be performed on all Propalms TSE Servers including the database server if it resides on a separate server.



Firewall settings

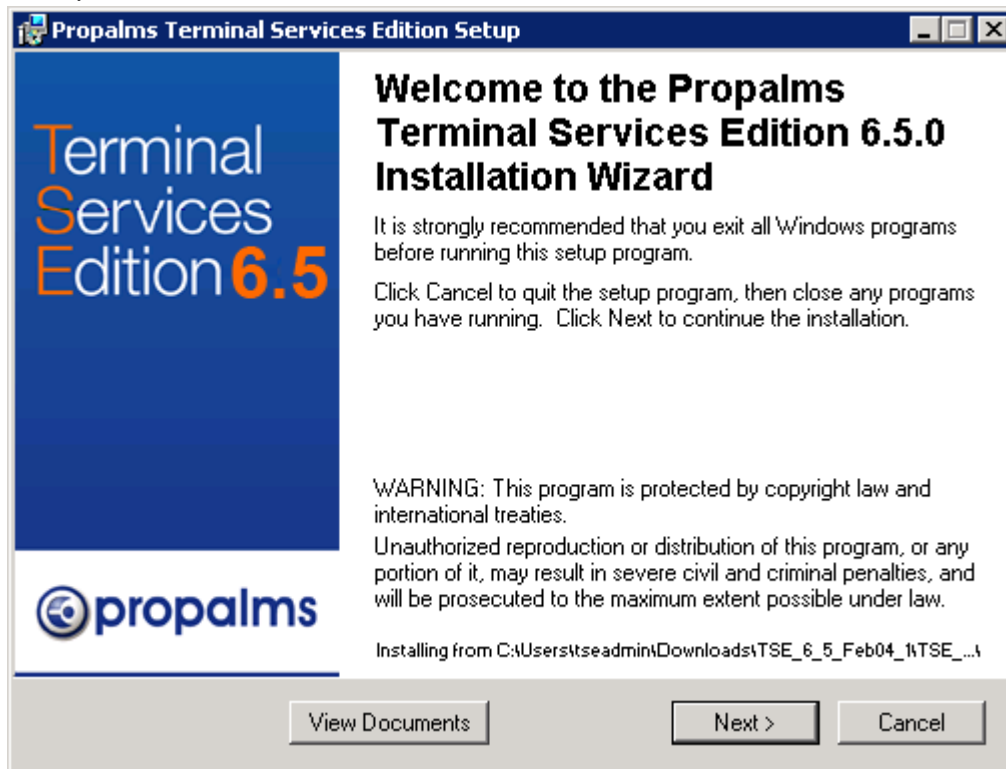
Go to Control-Panel and turn off Windows Firewall if it is currently on.

Interactive Services Detection

Ensure that the Interactive Services Detection service is running in order to view the background role installation dialogs.

Install Propalms TSE 6.5

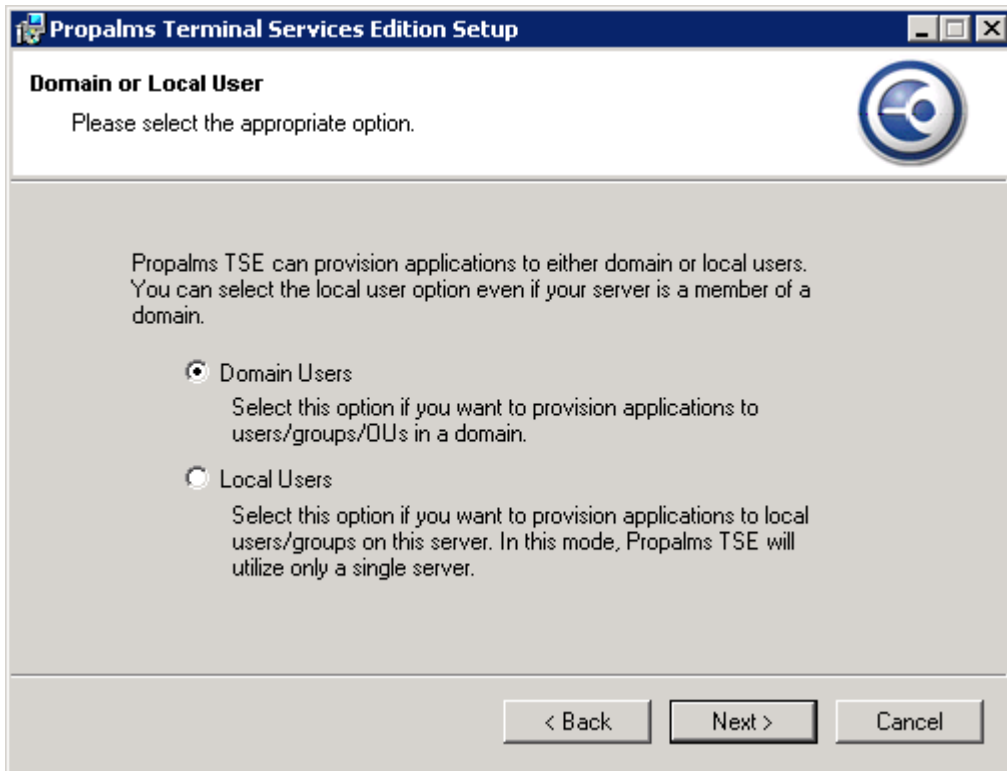
- Run Propalms-TSE.exe from installation media.



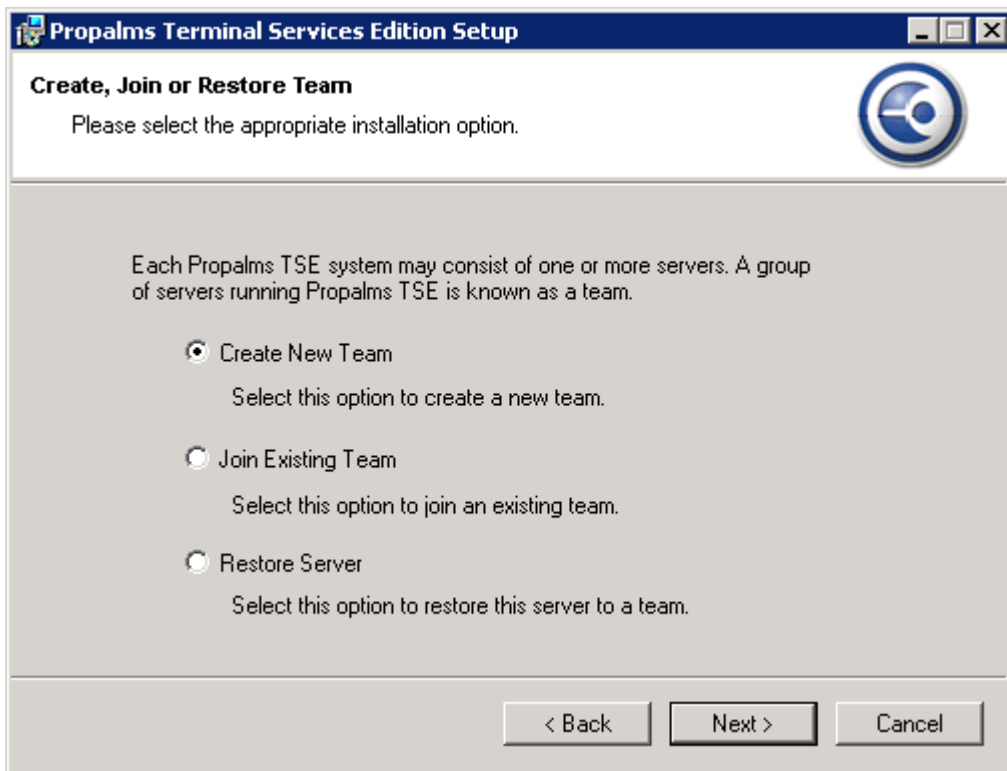
- Read and accept license agreement to continue.



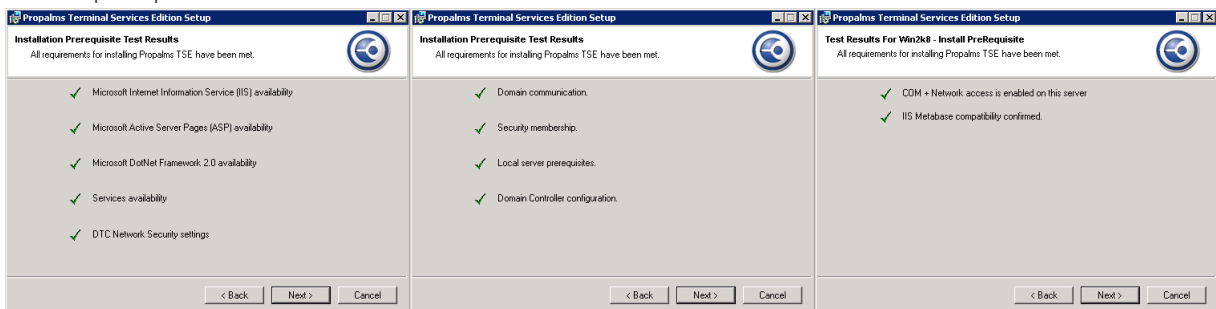
- Choose **Domain or Local users** for purpose of securing published application access. Domain User option is not available unless the server is a member of a domain.



- Choose **Create New Team**.



- Ensure all pre-requisite checks are met.



- Enter Licensing information. Leave as default option for 30 day - 5 user evaluation license. Alternatively, if you already have a Base Key issued from Propalms then you can enter it by selecting the **Product Key** option.

The screenshot shows a Windows-style dialog box titled "Propalms Terminal Services Edition Setup". The window has a blue title bar with standard minimize, maximize, and close buttons. The main content area is titled "User Information" and contains the instruction: "Please enter the following information to customize your installation." Below this, there are three input fields: "Full Name" with the text "Admin", "Organization" with the text "Propalms Demo", and "Product Key". The "Product Key" section is enclosed in a rounded rectangle and contains two radio button options: "30 Day Evaluation" (which is selected) and "Product Key". At the bottom of the dialog, there are three buttons: "< Back", "Next >", and "Cancel".

- Type your chosen Database name.

The screenshot shows the same "Propalms Terminal Services Edition Setup" dialog box, now at the "Database Name" step. The title bar and window controls are identical. The main content area is titled "Database Name" and contains the instruction: "Please enter the name for the database". Below this, there is a paragraph of text: "By default PropalmsTSE creates the database named PropalmsDB or you can enter a name of your choice below." Underneath the text is a single text input field labeled "Database Name" containing the text "PropalmsDB". At the bottom of the dialog, there are three buttons: "< Back", "Next >", and "Cancel".

- Provide a valid SQL instance in format of **SERVERNAME** or **SERVERNAME\instancename**.
If SQL Express was installed using the script provided with the TSE 6.5 media then use **SERVERNAME\Propalms** as the value.

Propalms Terminal Services Edition Setup

Propalms TSE Database Server

Please enter information about your relational database server.

Propalms TSE stores the user management information in a relational database. Please specify the database server. The credentials of the person running the installation will be used to connect to the database.

Server Name:

Click Next to test the connection with the database server specified. This test may take some time.

< Back Next > Cancel

Depending on how SQL was installed this value should be either *Servername* or *Servername\instance*

- Enter a **Team Name**. This can be changed later from the TSE Console.

Propalms Terminal Services Edition Setup

Team Name

Please enter the name and description for the Propalms TSE team.

Each Propalms TSE system consists of one or more Propalms TSE servers. A group of Propalms TSE servers is known as a team.

Team Name:

Description:

< Back Next > Cancel

- Enter user credentials for the **Propalms TSE Identity Account**. It is recommended to create a dedicated domain user for this account as certain TSE services will be installed to run under this user context. Therefore any password changes to this account will cause disruption to the TSE environment.

The screenshot shows the 'Propalms Terminal Services Edition Setup' dialog box. The title bar reads 'Propalms Terminal Services Edition Setup'. The main heading is 'Component Identity'. Below the heading, it says 'Please specify an identity for the COM+ components.' There is a circular logo on the right. The main text area contains: 'COM+ components require an identity to initialize and run. Please enter the user name and password for use by these components.' Below this are three input fields: 'User Name:' with 'tseadmin', 'Password:' with a masked password of ten dots, and 'Domain:' with 'PROPALMS'. A bold note states: 'Note: This user will be given Local Administrator Rights on all Propalms TSE servers.' At the bottom are three buttons: '< Back', 'Next >', and 'Cancel'.

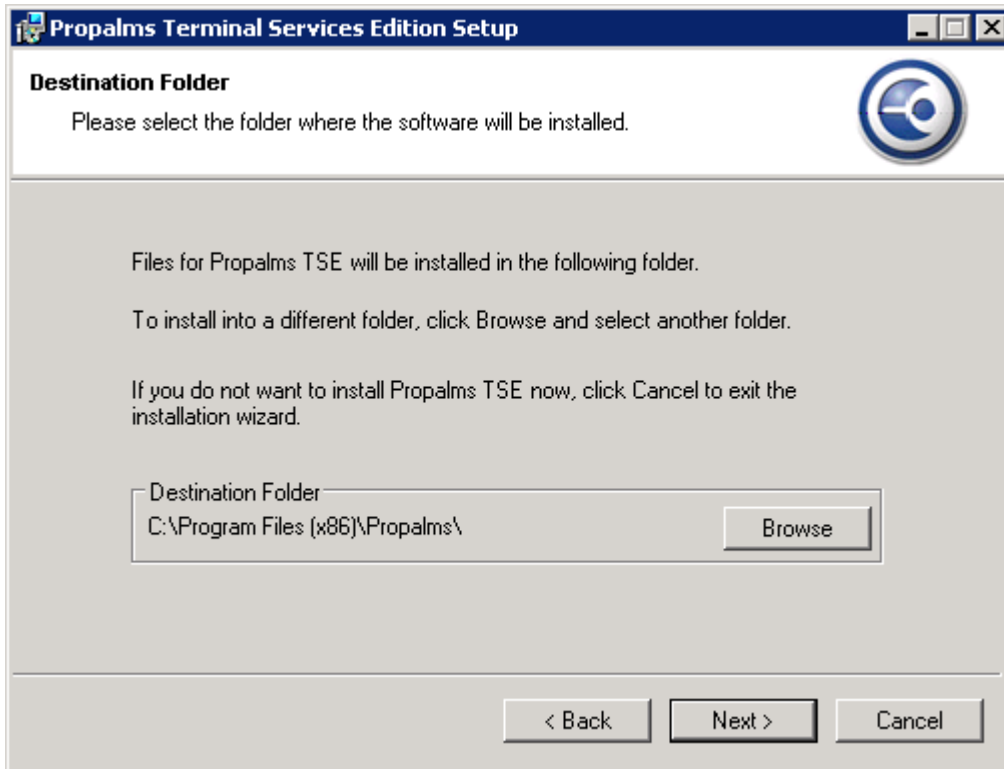
This account should already have been created in the Domain or on the local machine

- Enter a **Propalms TSE Administrator Group**. The account specified above automatically becomes a member of this group. Any users added to this group are provided permission to administer the TSE system. (i.e. Logon to the TSE Management Console)

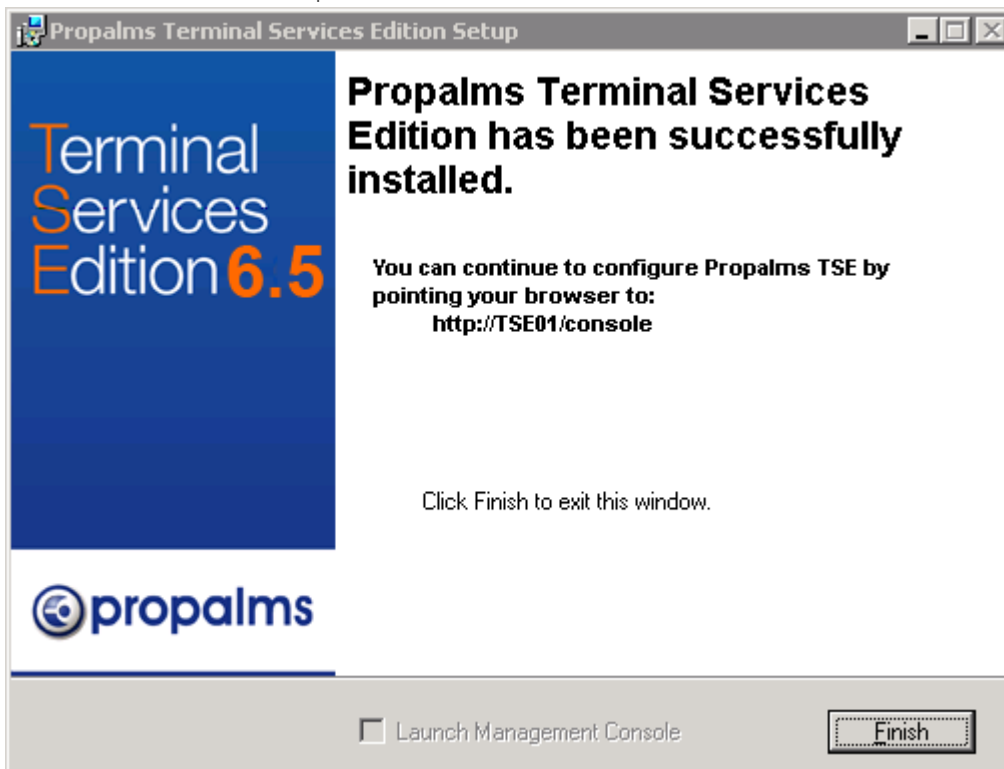
The screenshot shows the 'Propalms Terminal Services Edition Setup' dialog box. The title bar reads 'Propalms Terminal Services Edition Setup'. The main heading is 'Administrator Group'. Below the heading, it says 'Please specify the administrator group for Propalms Terminal Services Edition.' There is a circular logo on the right. The main text area contains: 'Propalms TSE is managed by a group of administrators. Please specify the name and domain of the group that will administer Propalms TSE.' Below this are two input fields: 'Group Name' with 'TSE Admins' and 'Domain' with 'PROPALMS'. At the bottom are three buttons: '< Back', 'Next >', and 'Cancel'.

This group should already have been created in the Domain or on the local machine

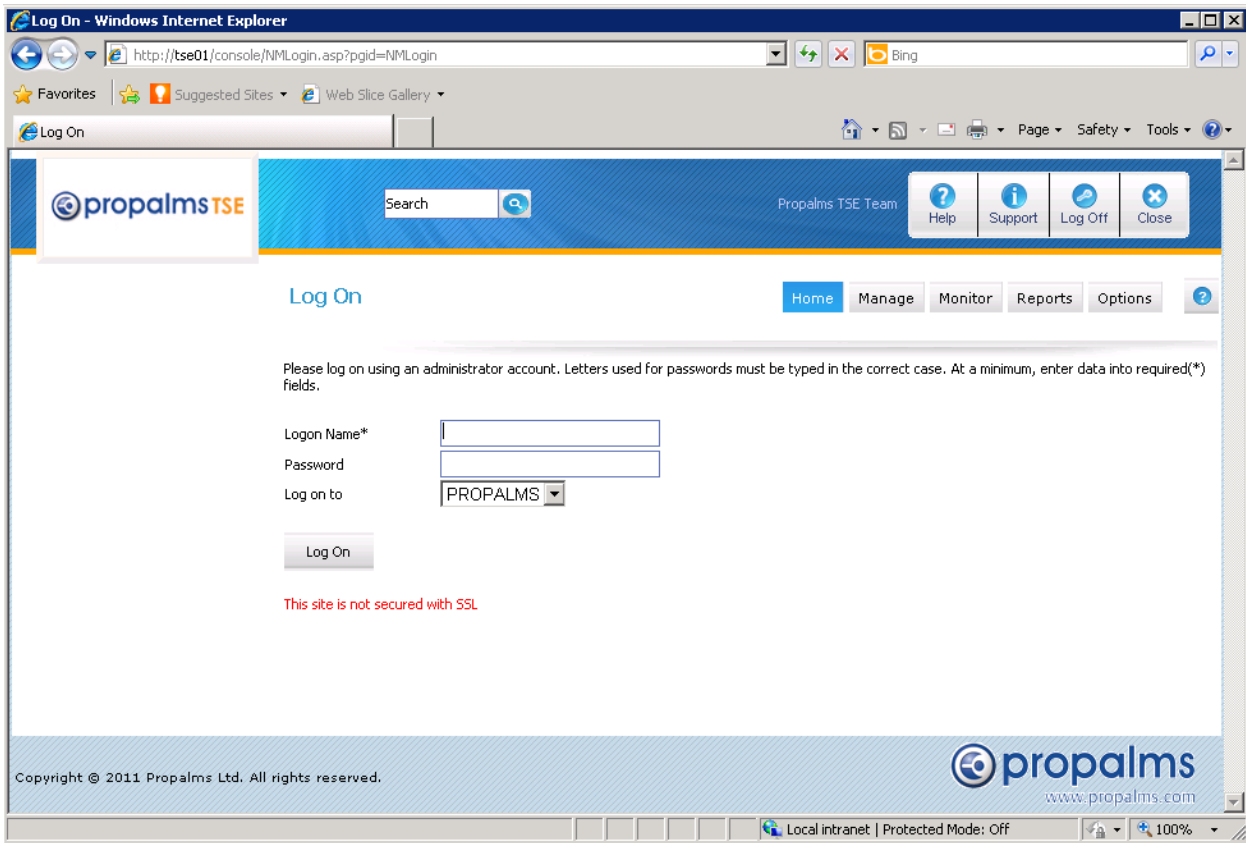
- Choose a Destination Folder for installation.



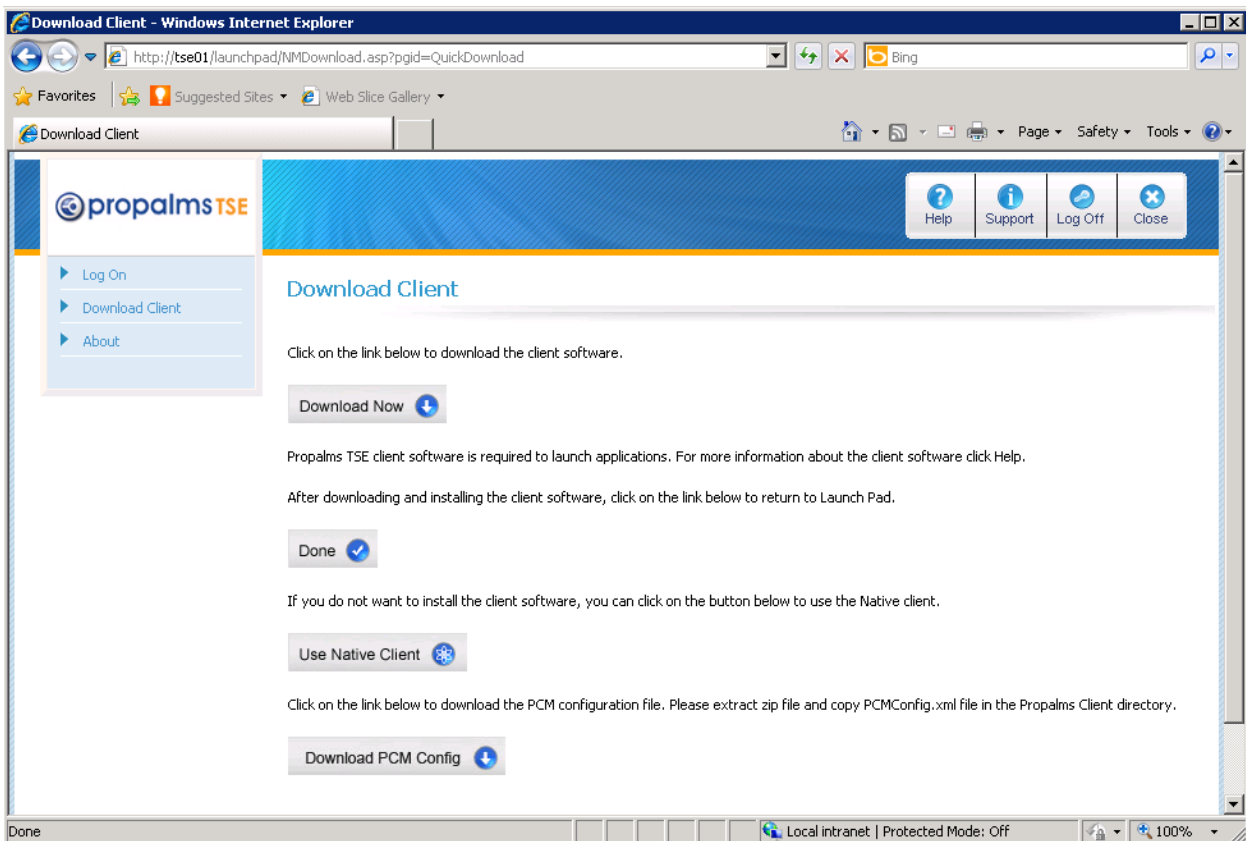
- Click Next to begin the installation. Files will be copied and relevant TSE Roles will be installed.
- Restart when the installation is complete.



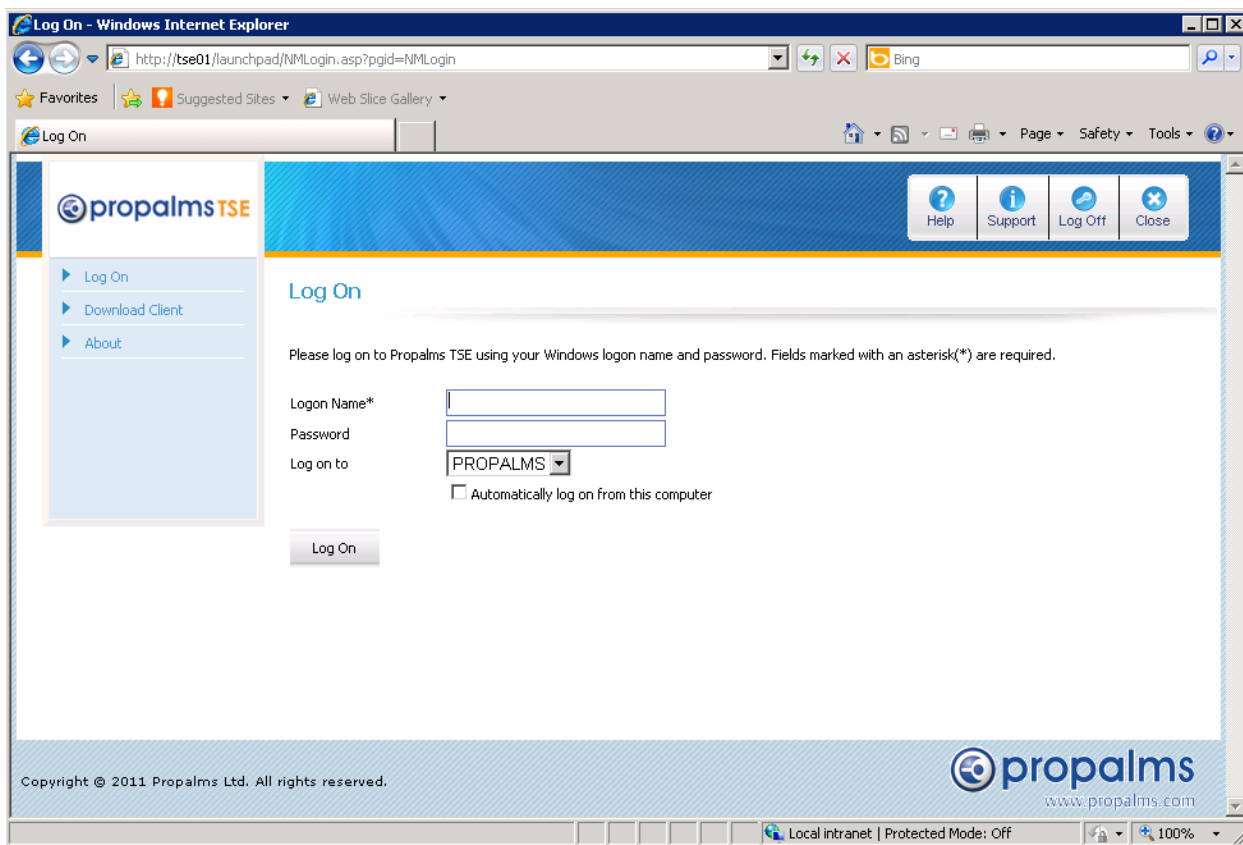
Your Propalms TSE server should now be fully installed. To administer the system go to the **Propalms TSE Management Console** - <http://servername/console> and login using the Propalms Identity account specified above or any member of the TSE Administrators group.



To login as a user go to the **Propalms TSE LaunchPad** - <http://servername/launchpad> and login with a valid user account. The first time you access the Propalms TSE LaunchPad the website will detect whether you have the Propalms Connection Manager client installed. If not then you will be prompted to download and install the client software. Once the client is installed click **Done** to return to the logon page.



In order for applications to appear for your users after they login, you have to publish them to groups/OUs/users within the Propalms TSE Management Console. For more information refer to the Propalms TSE Administrators Guide.



Propalms Ltd is a global provider of application delivery and secure remote access solutions for Terminal Services and Virtual Desktop Infrastructures. Delivering to Enterprises of all sizes we offer reliable, scalable and affordable solutions that simply work. Our belief is that application delivery solutions should be flexible, dynamic and above all, simple to use.

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