Using the TSM Studio Agent

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What is the TSM Studio Agent?

Currently only available for Microsoft Windows based systems, the TSM Studio Agent when using in conjunction with TSM Studio provide features

- **Remote installation of TSM Scheduler Service**
- **Remotely view and edit Client Options file**
- **Remotely stop and start TSM related Services**
- **Remotely execute TSM Client Backup commands**
- **Remotely change TSM Client Password**

These features will be expanded on as the TSM Studio Agent matures. Future support for Linux, AIX and Solaris is currently being planned.

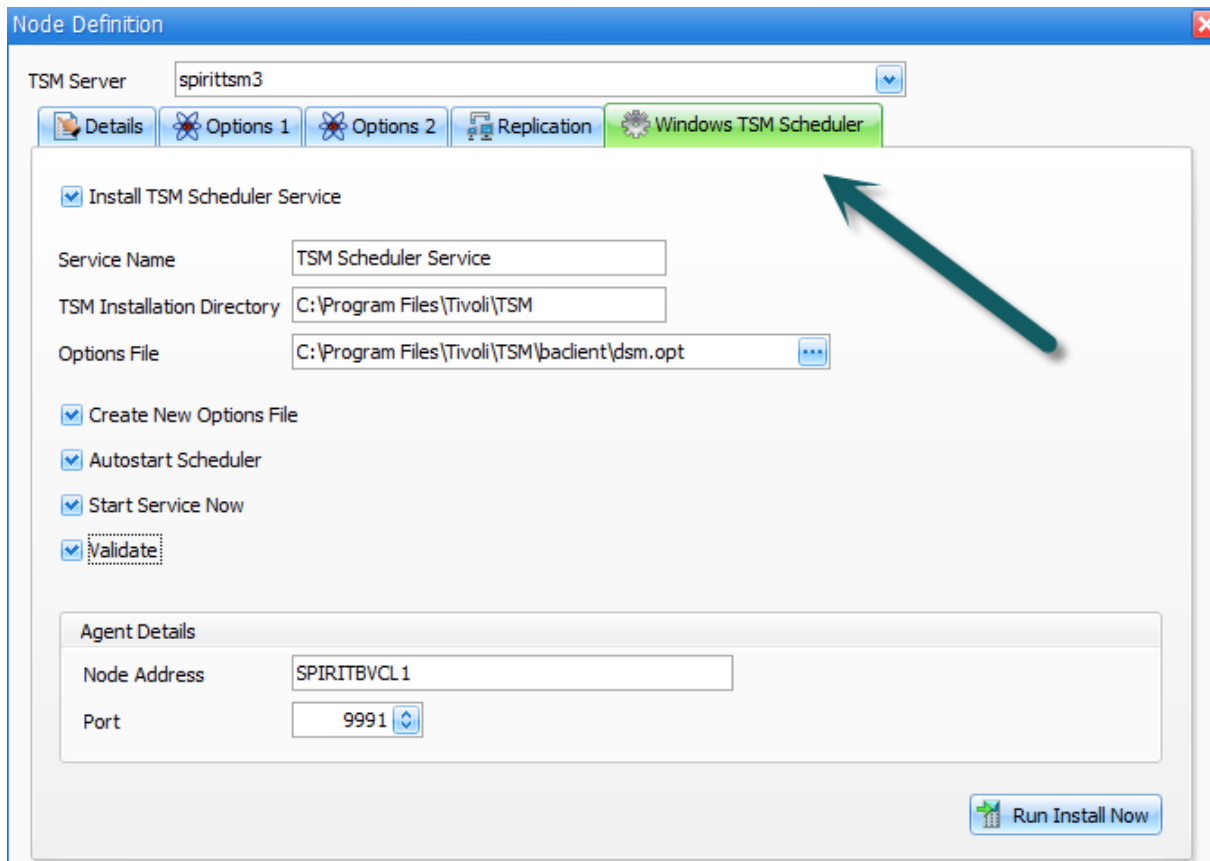By default TSM Studio communicates with the TSM Studio Agent on port 9991.

TSM Studio Agent Installation

Pre-Requisite: The TSM Studio Agent for windows is a dotnet application and requires the installation of the dotnet 4.0 framework, this can be downloaded here http://www.microsoft.com/en-us/download/details.aspx?id=17851
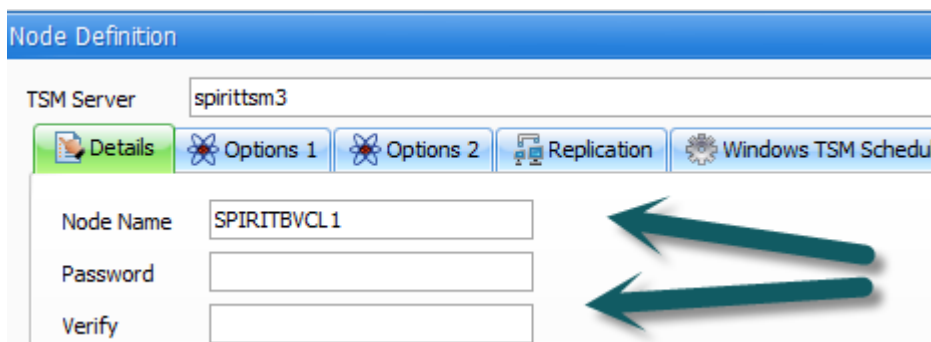
Agent installation is very simple, after installing the dotnet framework, download the MSI from our website http://www.spiritsoftware.biz/prerelease/ and run the msi package. Installation and setup will install the binaries and start the required service.

Remote installation of TSM Scheduler Service

When registering a client node in TSM Studio a further tab has been added to support the installation of the TSM Client Schedule Service, (CAD will be added in an upcoming release), as shown here.

To use this feature first ensure the correct node name and password are specified on the details tab as shown here
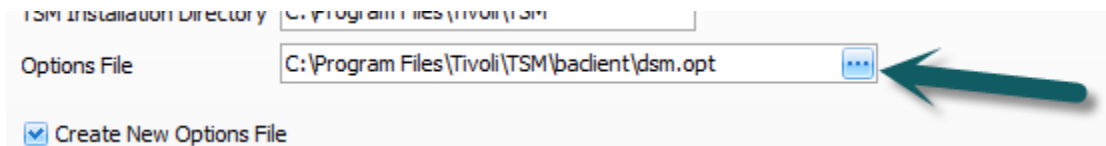

Next enter the TSM Scheduler details

Service Name: The name as is will appear when listing Windows Services

TSM Installation Directory: TSM directory where TSM client software is installed on the Client Node system

Options File: Enter the path to the options and optionally create a new options file by pressing the button in this field and checking the Create New Options File
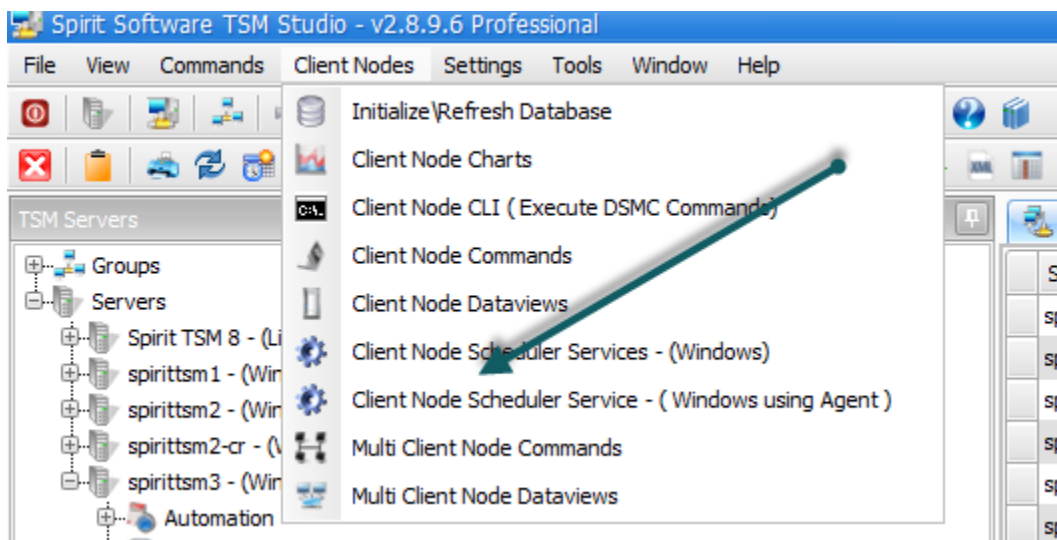

Use the Agent Details area to override the IP Address and Port to communicate with the TSM Studio Agent.
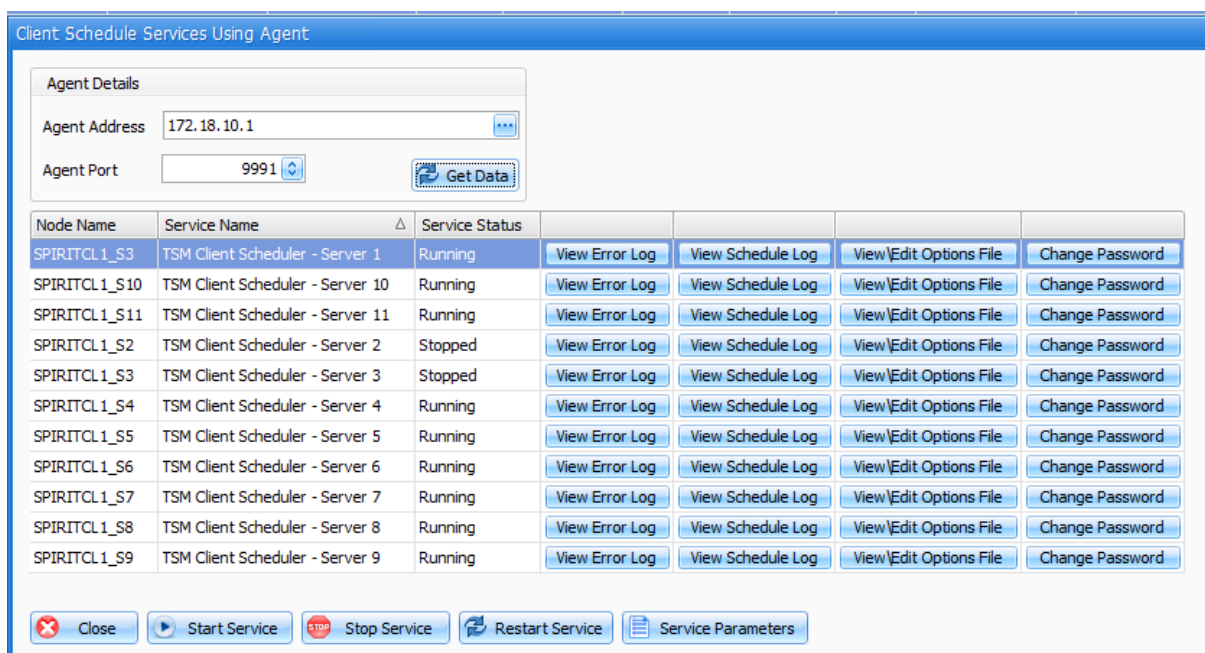
Press the Run Install Now button. Any error messages will be displayed on the screen.

Remotely view and edit Client Options file, Stop and Start TSM related Services, view Log Files and change Client Node Password

From the Client Nodes menu select Client Node Scheduler Service – (Windows using Agent)

This will display a dialog that allows the choice of an agent. Type the address of the agent in the Agent Address box or choose by clicking the button in this field and then press the Get Data button. This will get all the TSM Client Node Scheduler services running on this server.
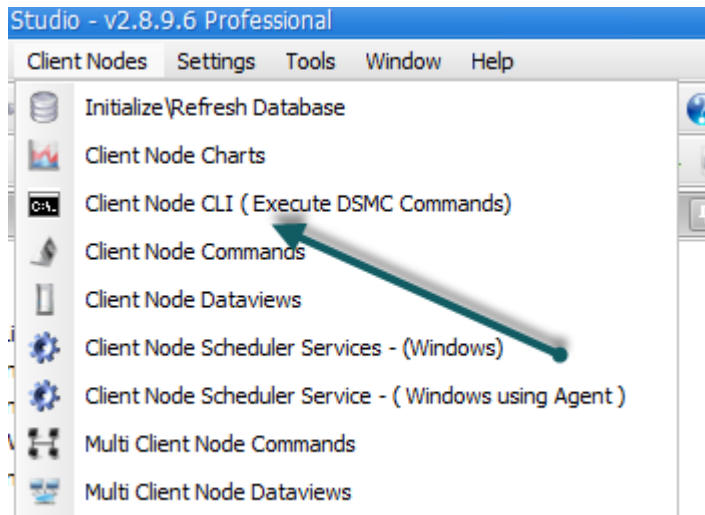
Along side each Scheduler Service is a button to view the error log and schedule log, edit the client options file and change the password.

At the bottom of the dialog are button to stop\start and restart the selected Scheduler Service.

Remotely execute TSM Client Backup commands

Choose the Client Node CLI (Execute DSMC Commands) option from the Client Nodes menu.

Choose the Agent Address and Port to communicate with the TSM Studio Agent. Enter the TSM Backup Client command and press the Execute Command button.