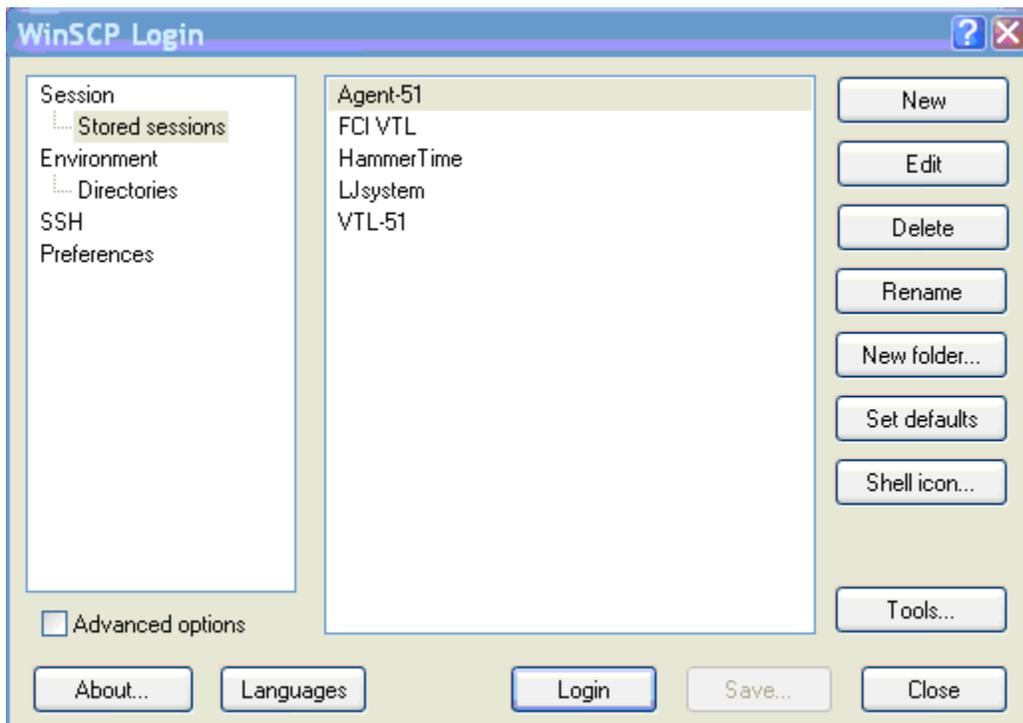


## Installing VTL-Agent From A Windows Desktop

This document details how to install the released package of DSI's VTL –Agent from a Windows XP desktop using the winscp application. (The winscp may be downloaded from: <http://winscp.net/eng/index.php> later examples use the “commander interface” which can be selected during installation of this software.)

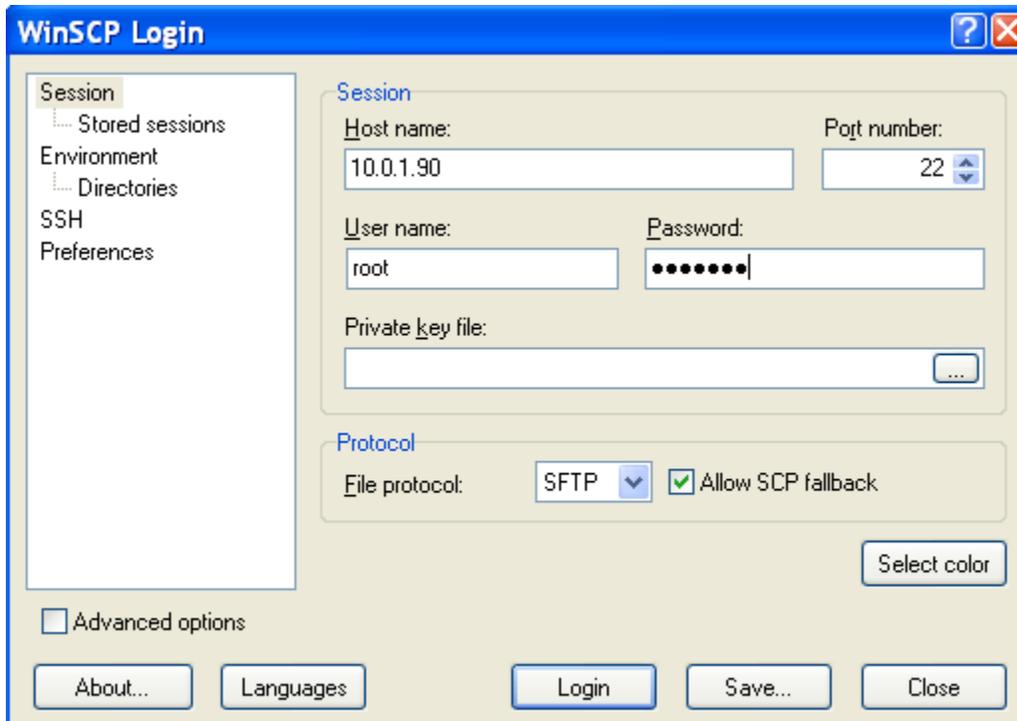
It is assumed that you have the VTL-Agent release file saved to a location on your Windows system.

Start the WinSCP application.



SCP startup screen

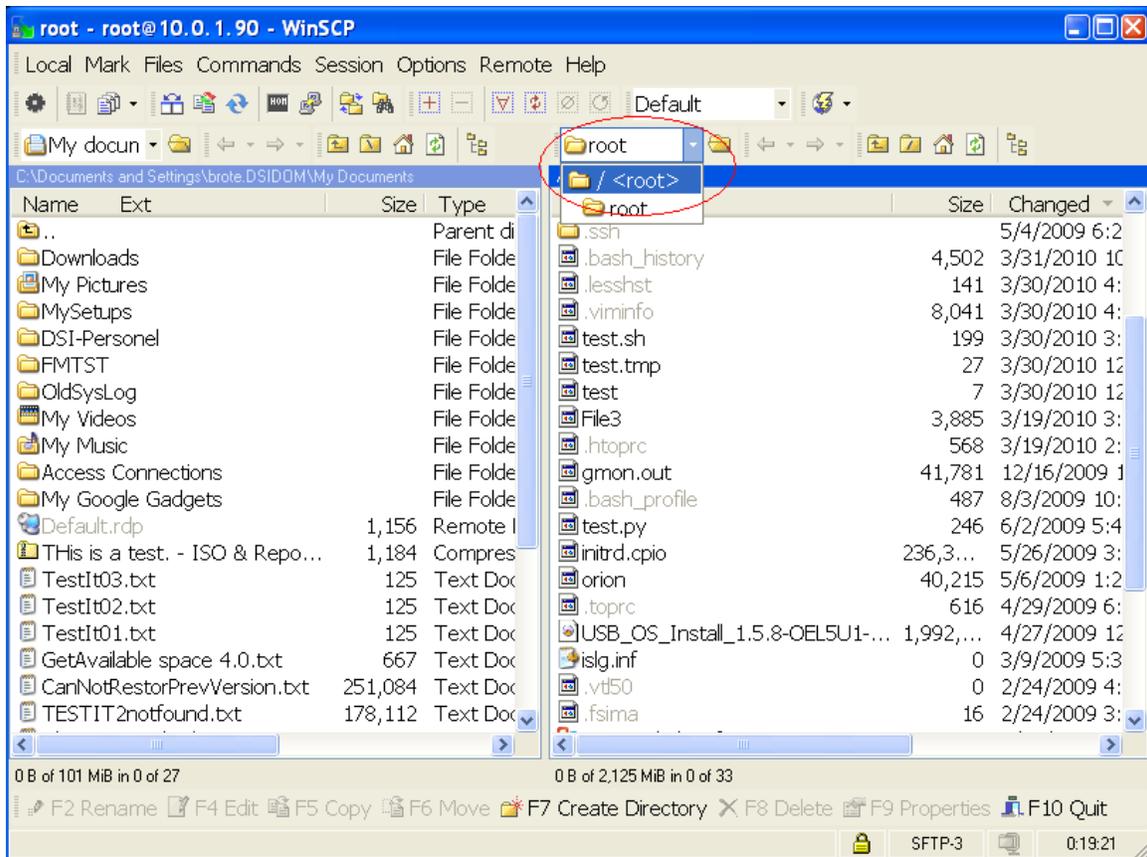
If you have a connection defined, double click on it. Otherwise select “New”.



SCP Login screen

Enter the IP address or network name of the target machine and the user name and password. Select the Login button.

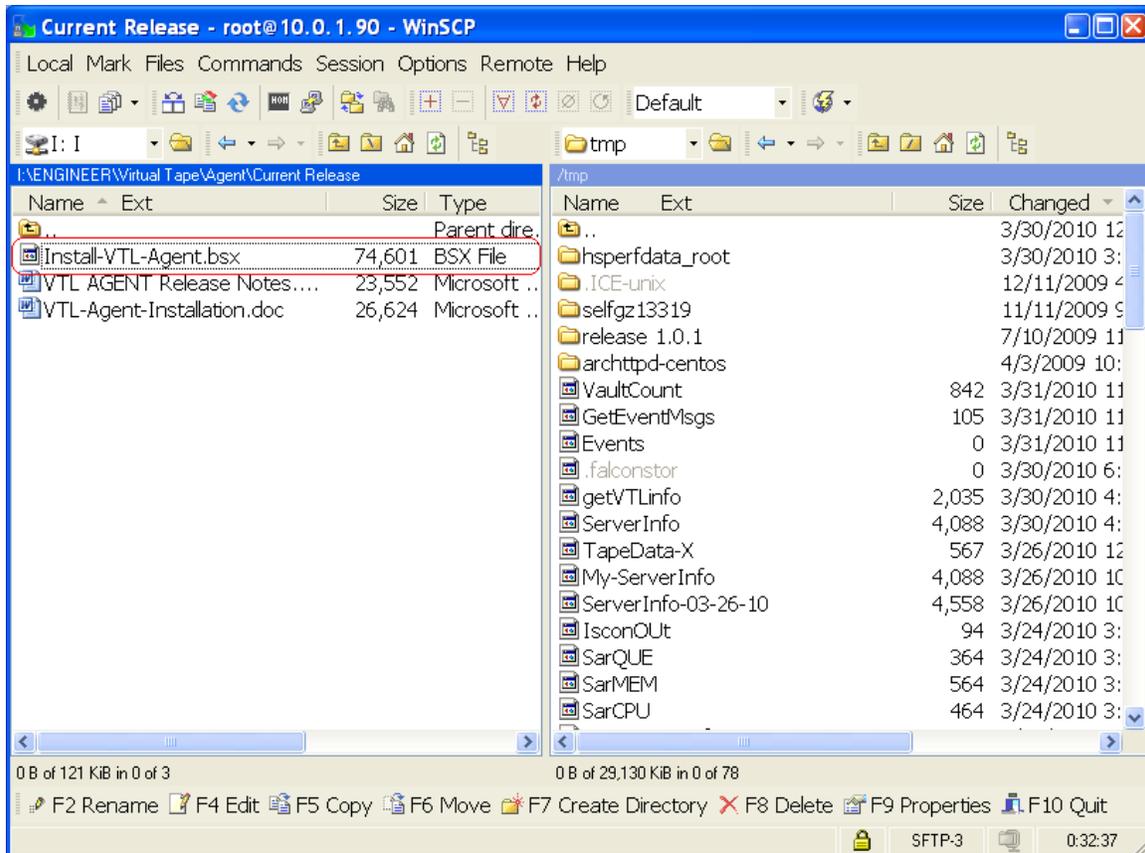
A successful login will display a screen similar to:



Select '/' <root> on remote pane

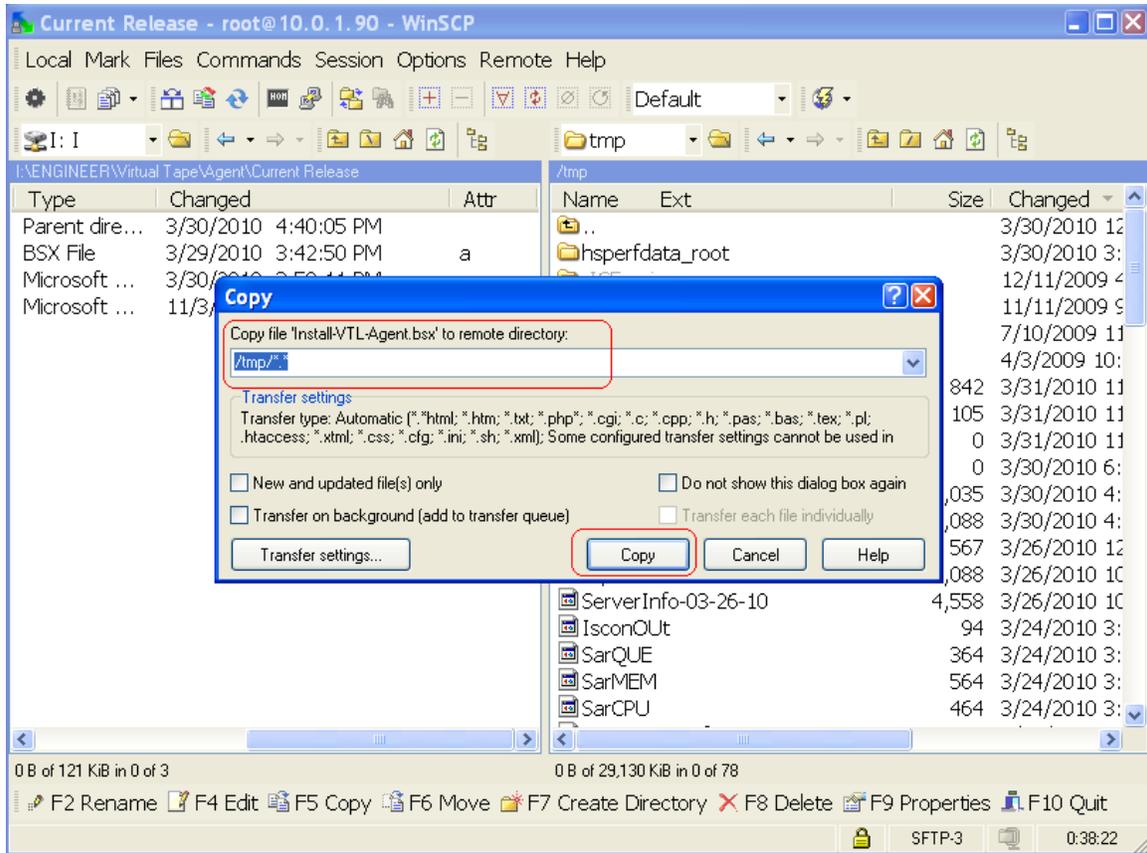
On the right pane navigate to the /tmp directory by first selecting the “/ <root>” location from the drop down menu. On the resulting screen then select tmp and double click on it. This will then display the contents of the tmp directory.

In a similar manner on the left pane, navigate to the location of the VTL-Agent installation file.

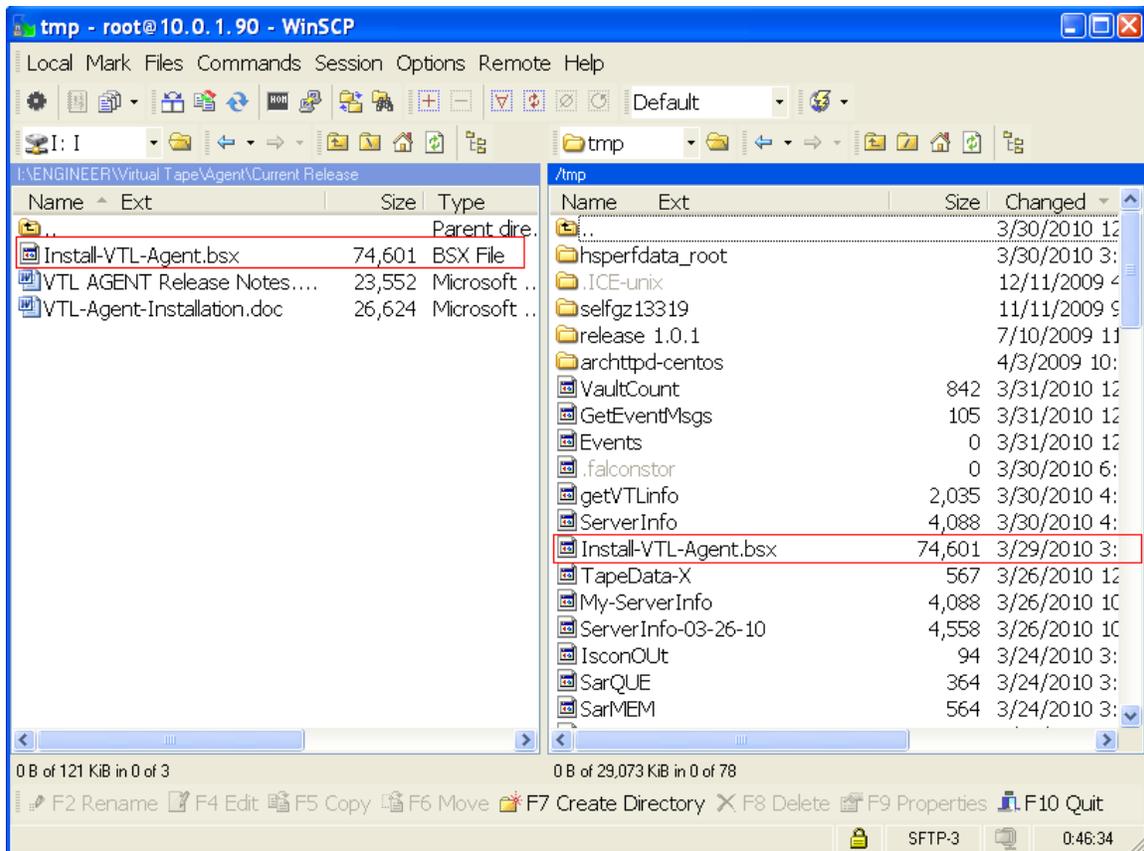


Select the installation file

You can then “drag and drop” the file to the right pane. (NOTE: when selecting the file, click on an area that has text. Clicking on an area that contains blanks causes a dotted box to be drawn.) A confirmation box will appear.



Click on the Copy button. The file will then be transferred to the target machine in the previously selected directory.



You may now quit the SCP application.

Now you will have to log into the VTL machine. It is recommended to use the “PuTTY” application using the SSH but you may use whatever method you choose. You will have to run the installation as “root”. So either log in as root or “su” to root once you are logged in.

Then issue a change directory command to get to the /tmp (or the location you chose to put the VTL-Agent installation file)

```
[root@DSI9940-42620 ~]# cd /tmp
```

Issue an ls -l command to view the install file.

```
[root@DSI9940-42620 tmp]# ls -l Install*
```

```
-rwxr--r-- 1 root root 73135 Sep 29 2009 Install-VTL-Agent-1.1.3.bsx
```

```
-rwxr--r-- 1 root root 74601 Mar 29 14:42 Install-VTL-Agent.bsx
```

Notice the “rwxr--r-- ... root root” part of the line displaying the Install-VTL-Agent.bsx file. If the first three letters are NOT rwx issue a change mode command

```
chmod 744 Install-VTL-Agent.bsx
```

This will make the file executable.

Now type in the file name preceded by a period and a slash

```
./Install-VTL-Agent.bsx
```

This will run the installation script. There may be a five or six second delay during this if a previous version of the VTL-Agent is running. A running copy of the VTL-Agent will be stopped and the new one installed.

You should see output similar to the following:

DSI self extracting script to install the VTL-Agent

```
./VTL-AGENT-files.tar
```

```
./VTL-Install-Agent
```

Running the Installation script of the VTL-Agent.

```
Copying files to /usr/local/agent.
```

```
./bin/VTL-Agent
```

```
./bin/val
```

```
./scripts/Agent
```

```
./scripts/Agent-LogRoll
```

```
./scripts/Agent-Monitor
```

Now link the START/STOP script to proper /etc/rc.d directory.

To start the VTL-Agent software issue the following command.

```
/usr/local/agent/scripts/Agent start
```

When it finishes you should enter the command noted above. (You should be able to enter “Agent start” as the installation should link the script to a file in “/usr/sbin/Agent”. “/usr/sbin” should be in the default PATH for root.

After issuing the start command you may enter “Agent status” to see if the VTL-Agent is running. The output of the status command will be similar to:

```
“VTL-Agent is running version: 2.02.003 with PID: 6290.”
```

Or if the VTL-Agent is not running:

```
“The VTL-Agent does not appear to be running.”
```

The Agent stop command may be used if you need to stop the VTL-Agent. It is normal for the stop command to take five or six seconds to complete as this allows for the normal shutdown and clean up of the VTL-Agent.

To turn on a more comprehensive amount of tracing issue the command: “/usr/local/agent/scripts/Agent debug”.

To turn this tracing off issue:

```
command: “/usr/local/agent/scripts/Agent nodebug”.
```

The VTL –Agent manages its log files so it is suggested that you leave debug on all the time to capture the output in case there is a problem and DSI support requests these files.

