

Lansweeper

network inventory

Installation and configuration of Lansweeper

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Prerequisites

Web server:

Windows 2000 or higher with Internet Information services installed.
The dotnet framework 2.0 installed (latest service pack).

Server where the Lansweeper service is installed:

Windows 2003 or higher. (Or optionally windows XP or vista)
The dotnet framework 2.0 installed.

Database server:

Windows 2000 or higher
SQL server 2000 SP4 or higher (or the free SQL express)

If you want to use SQL express 2005 or 2008 as a free database you can download it from:

<http://www.microsoft.com/sql/editions/express/default.msp>

Also make sure to download SQL Server Management Studio Express if you are using SQL express.

Clients:

Windows 2000, windows XP, windows Vista, Windows 2000, 2003, 2008 server
(Windows 9x clients are not supported)

Active directory is required.

Lansweeper in a workgroup is not supported.

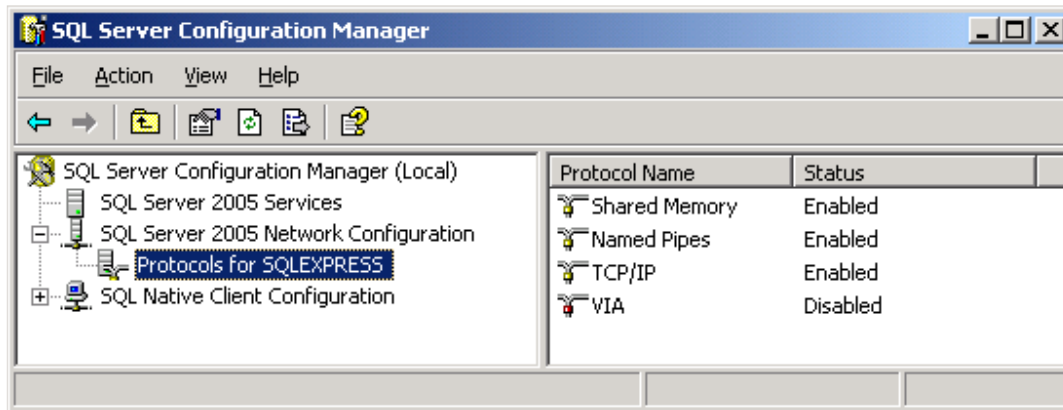
In this example the web console, database and service are installed on the same machine.

Server name: myserver
Domain: lansweeper.local
NetBIOS domain: lansweeper

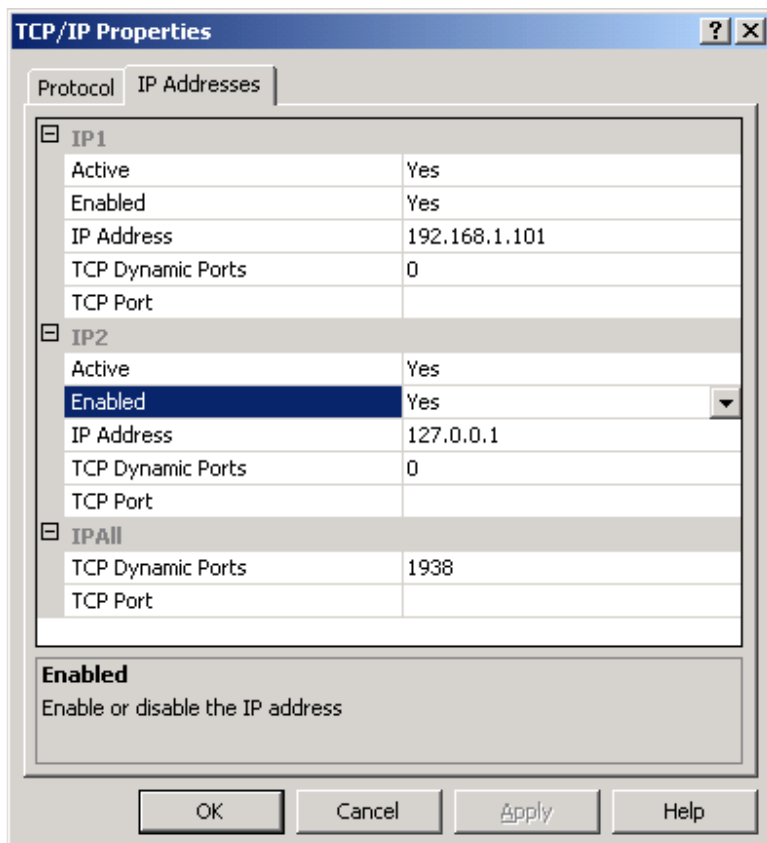
Configuring the database server (sql server express 2005)

SQL server 2000 doesn't need any extra configuration

Open the "SQL server configuration Manager"

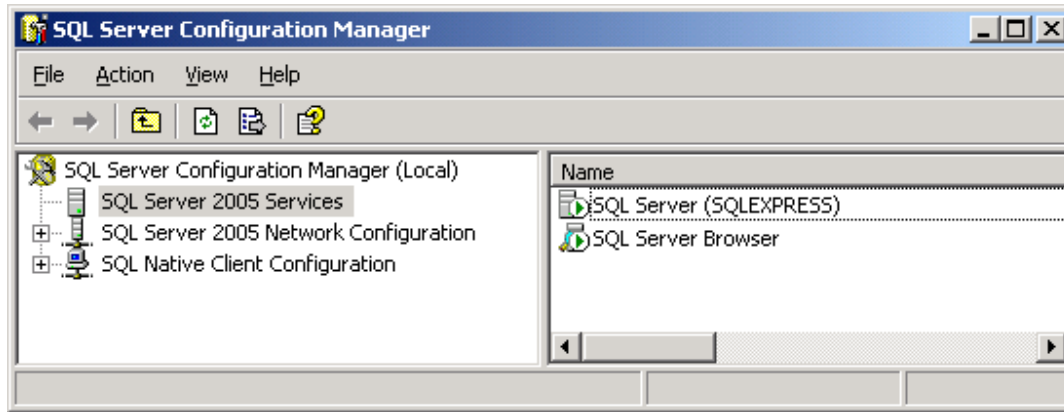


Enable "Named Pipes" and "TCP/IP"



Set the SQL server Browser to automatic and start it (if not already started)

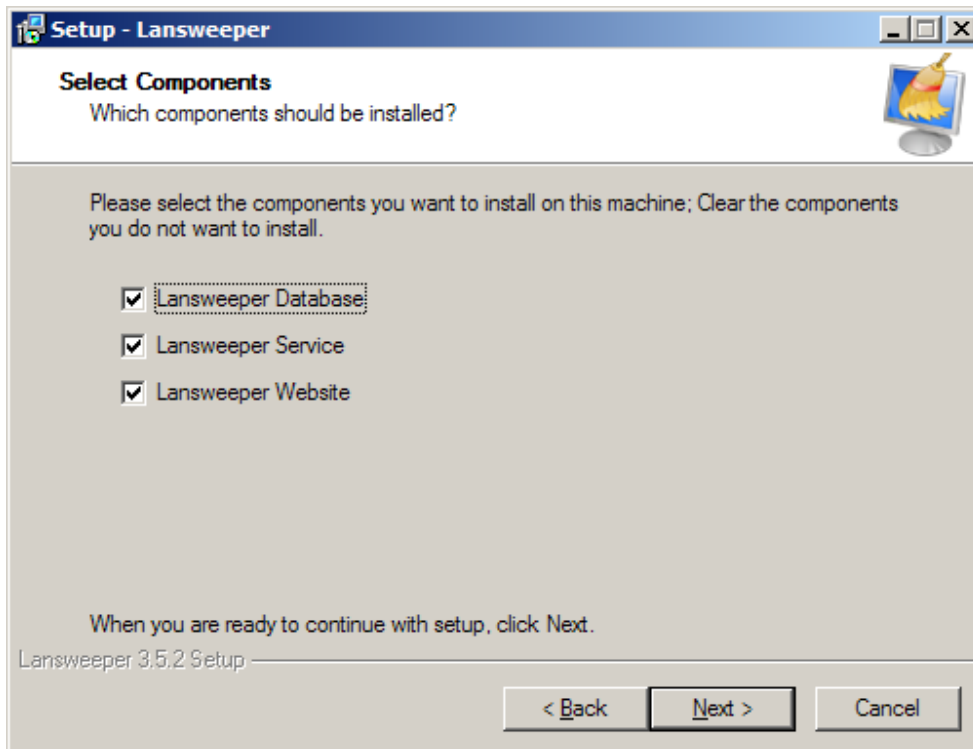
Restart the sql service.



Installing Lansweeper

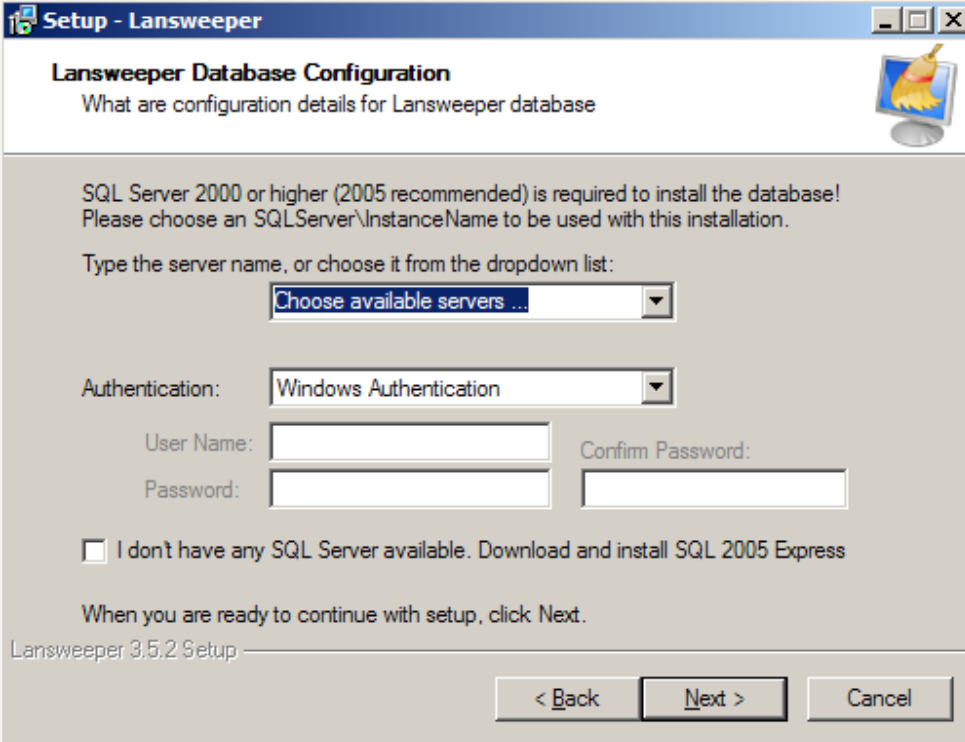


Click next to continue



You can choose to install Database, Service and Website on different servers if you want; in this example we are going to install everything on one server.

Installing the database

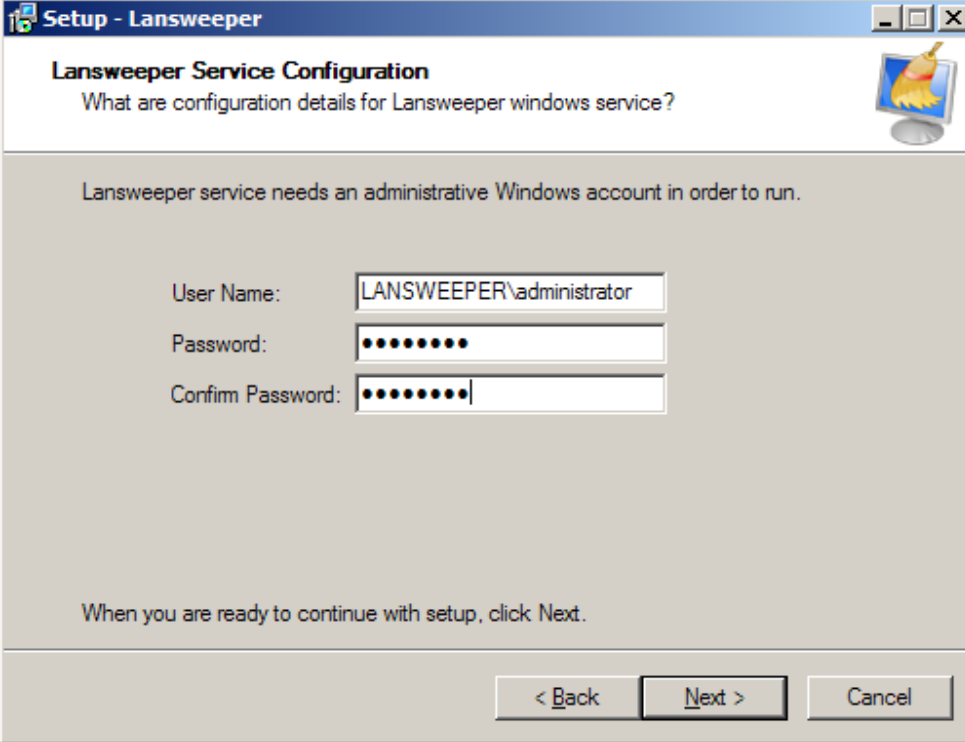


The screenshot shows the 'Setup - Lansweeper' window with the 'Lansweeper Database Configuration' tab selected. The window title bar includes standard Windows window controls. The main content area has a light gray background and contains the following elements:

- Title Bar:** 'Setup - Lansweeper' with minimize, maximize, and close buttons.
- Section Header:** 'Lansweeper Database Configuration' with a small icon of a computer monitor showing a yellow brush.
- Subtitle:** 'What are configuration details for Lansweeper database'.
- Instructions:** 'SQL Server 2000 or higher (2005 recommended) is required to install the database! Please choose an SQLServer\InstanceName to be used with this installation.'
- Input Field:** 'Type the server name, or choose it from the dropdown list:' followed by a dropdown menu labeled 'Choose available servers ...'.
- Authentication:** A dropdown menu labeled 'Authentication:' with 'Windows Authentication' selected.
- Fields:** 'User Name:' and 'Password:' text boxes, and a 'Confirm Password:' text box.
- Checkbox:** An unchecked checkbox labeled 'I don't have any SQL Server available. Download and install SQL 2005 Express'.
- Footer:** 'When you are ready to continue with setup, click Next.' and 'Lansweeper 3.5.2 Setup'.
- Buttons:** '< Back', 'Next >', and 'Cancel' buttons at the bottom right.

Choose your SQL server and authentication method:

Configuring the lansweeper service



Setup - Lansweeper

Lansweeper Service Configuration
What are configuration details for Lansweeper windows service?

Lansweeper service needs an administrative Windows account in order to run.

User Name: LANSWEEPER\administrator

Password:

Confirm Password:

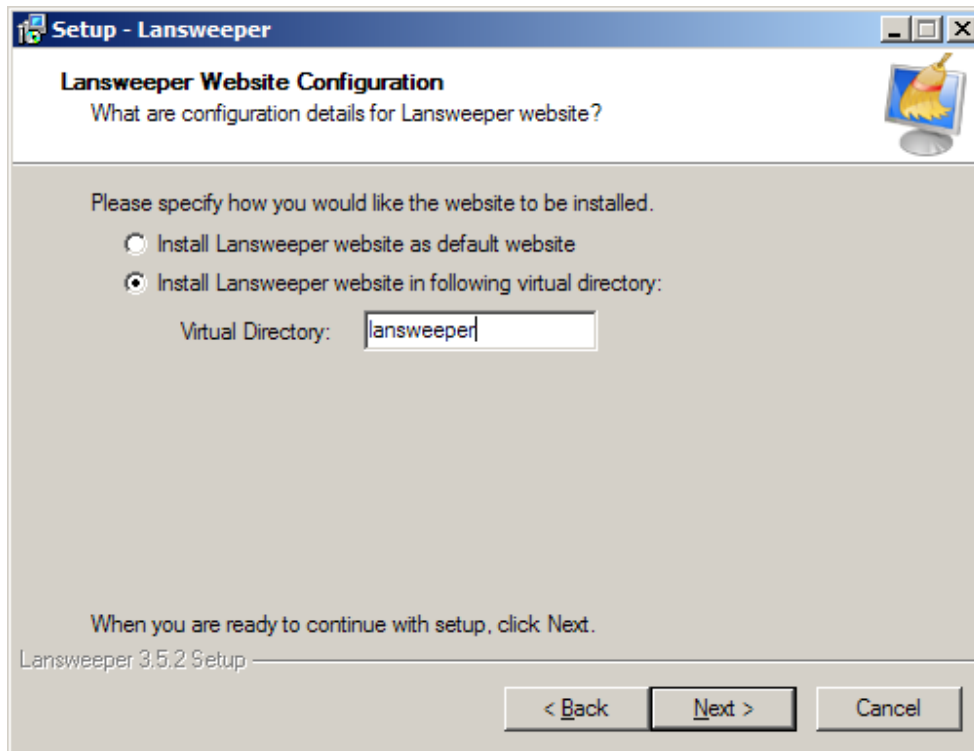
When you are ready to continue with setup, click Next.

< Back Next > Cancel

The user running the service should have administrative privileges on all clients being scanned by lansweeper.

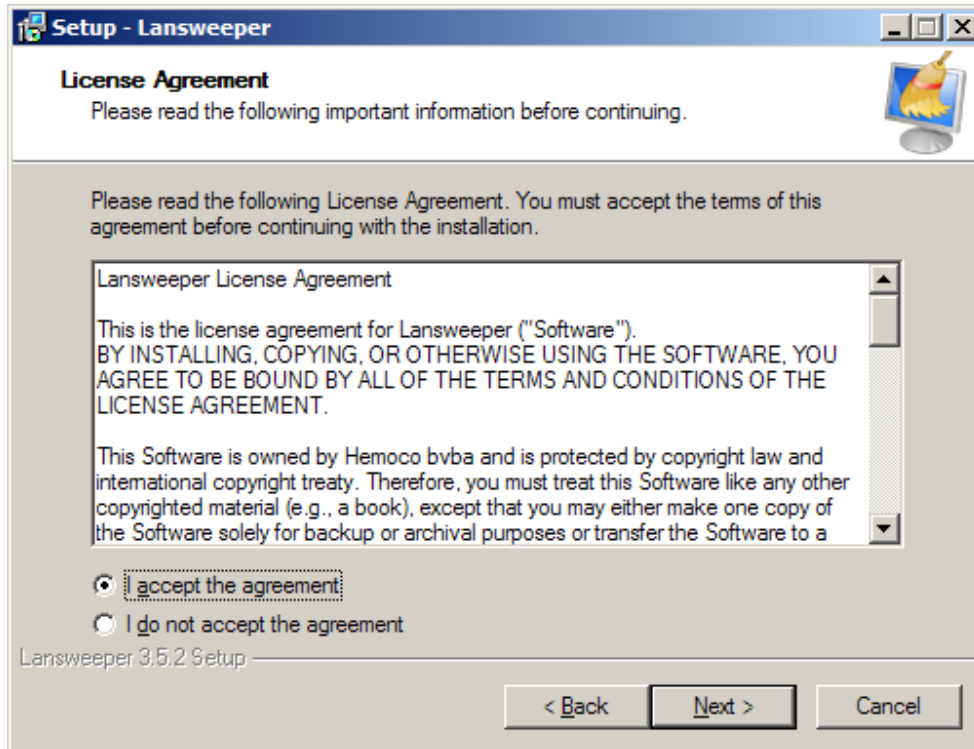
This is typically a domain administrator account.

Configuring the website

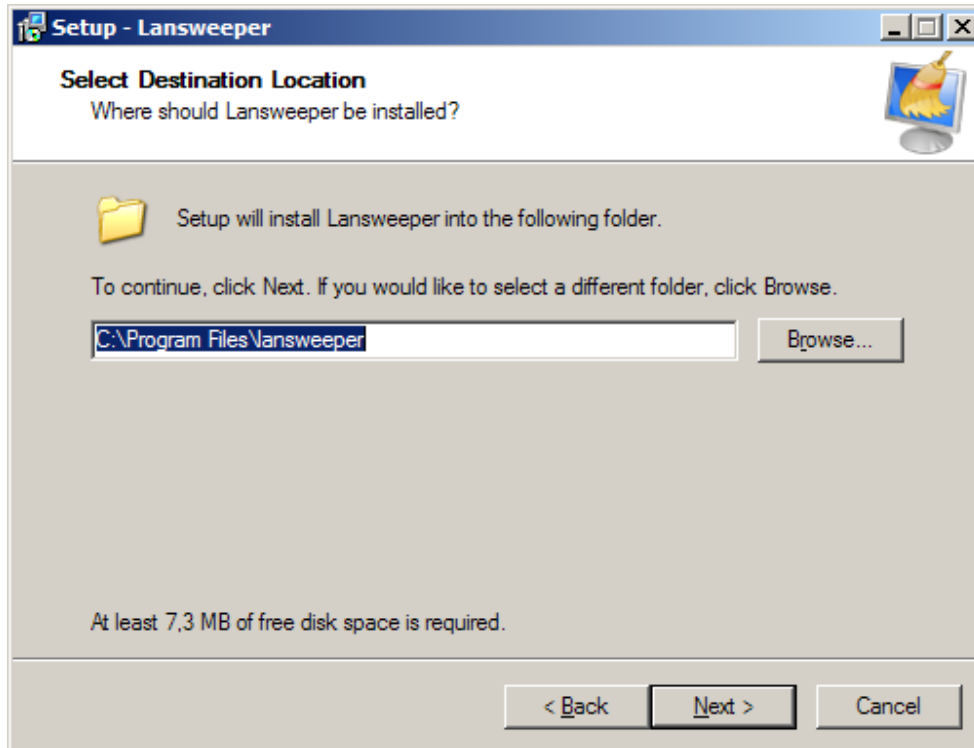


Choose a name for the Virtual Directory (recommended) or install lansweeper as the default website.

Accepting the license agreement



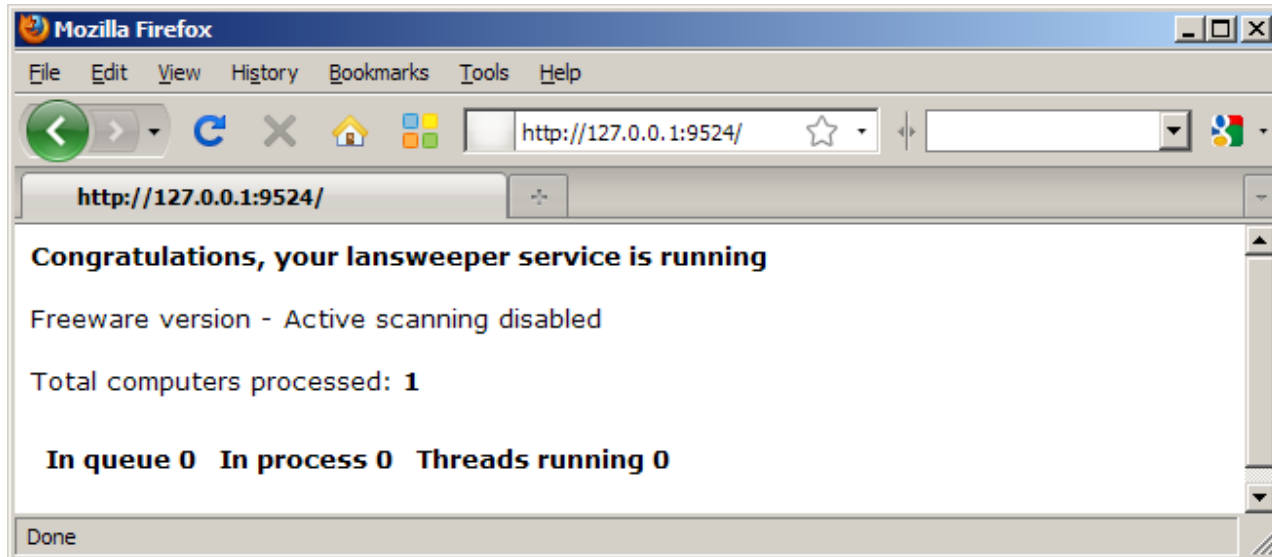
Choose a folder for the installation



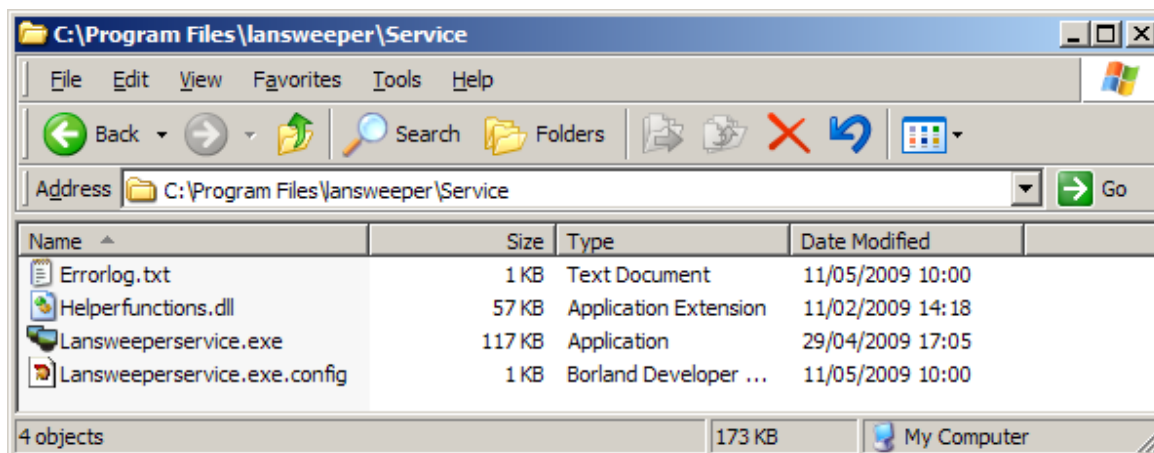
Everything should be installed now.

Checking if the service is running

Surf to your server where the Lansweeper service is running (not the website) <http://servername:9524>



If there are any errors, the errorlog.txt is in your service folder:



If for some reason you cannot connect to your sql server:

Sqlcmd: Error: Microsoft SQL Native Client: An error has occurred while establishing a connection to the server. When connecting to SQL Server 2005, this failure may be caused by the fact that under the default settings SQL Server does not allow remote connections.

See this knowledgebase article: <http://support.microsoft.com/kb/914277/en-us>

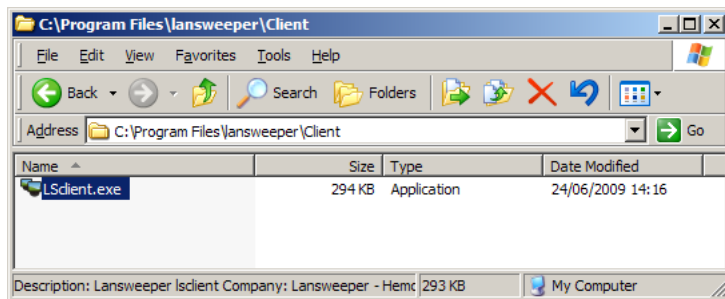
What is Lsclient.exe

Although the name would suggest otherwise Lsclient is no real client or agent. Basically it just sends a message to the server "hello, I'm here, scan me on this IP Address" and stops working. The service queue's this request and starts scanning the client when ready. All the scanning is done by the lansweeper service.

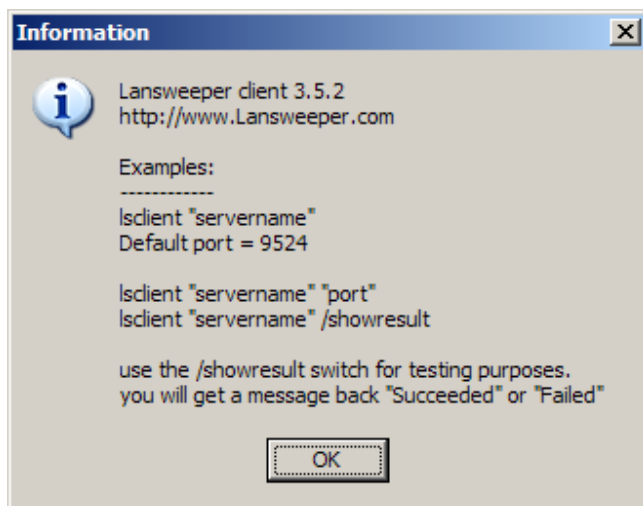


Lansweeper Premium doesn't require Lsclient and uses active directory to scan your computers.

Lsclient.exe is copied to your installation folder



Usage: Lsclient.exe "name of server where the service is installed"



As a test we try from the command prompt:

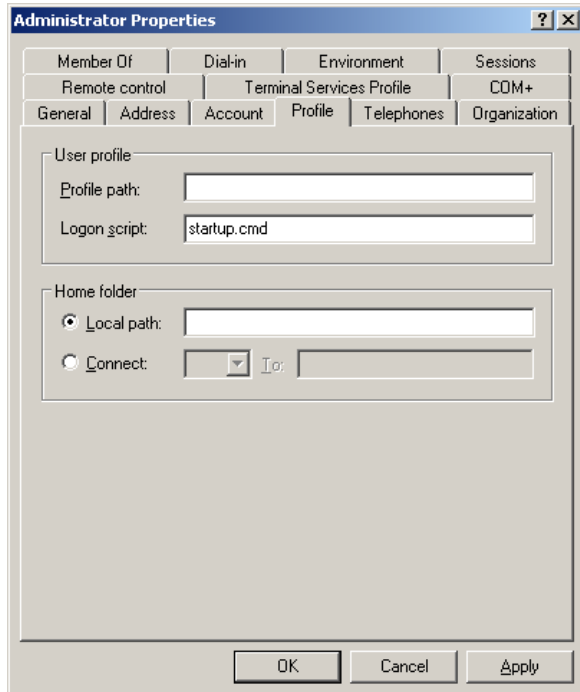
"C:\Program Files\Lansweeper\Client\Lsclient.exe" myserver

or

"C:\Program Files\Lansweeper\Client\Lsclient.exe" myserver /showresult

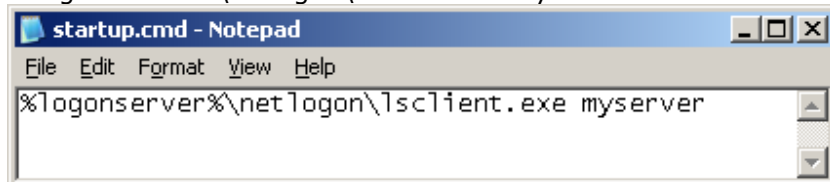
Using Isclient in a standard login script

In this example the startup script is called "startup.cmd"

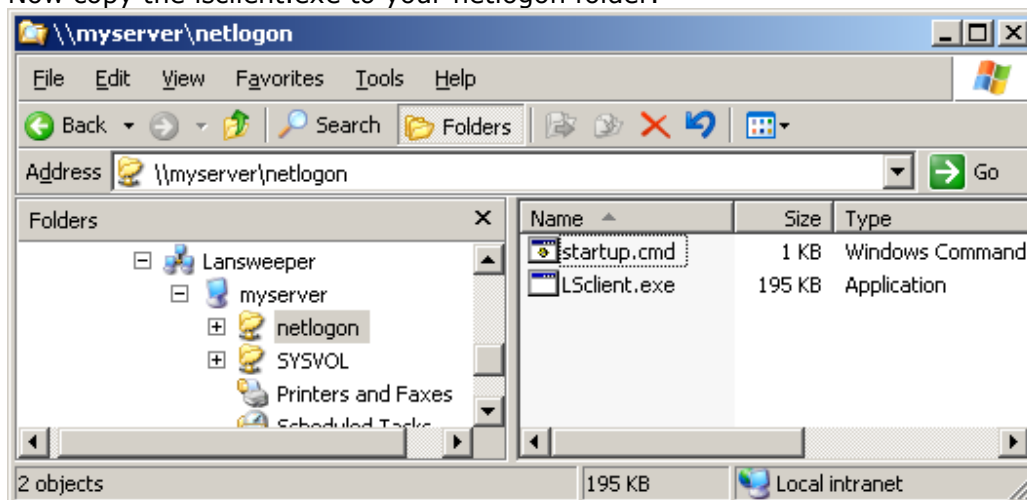


Contents of the startup.cmd

%logonserver%\netlogon\lsclient.exe myserver



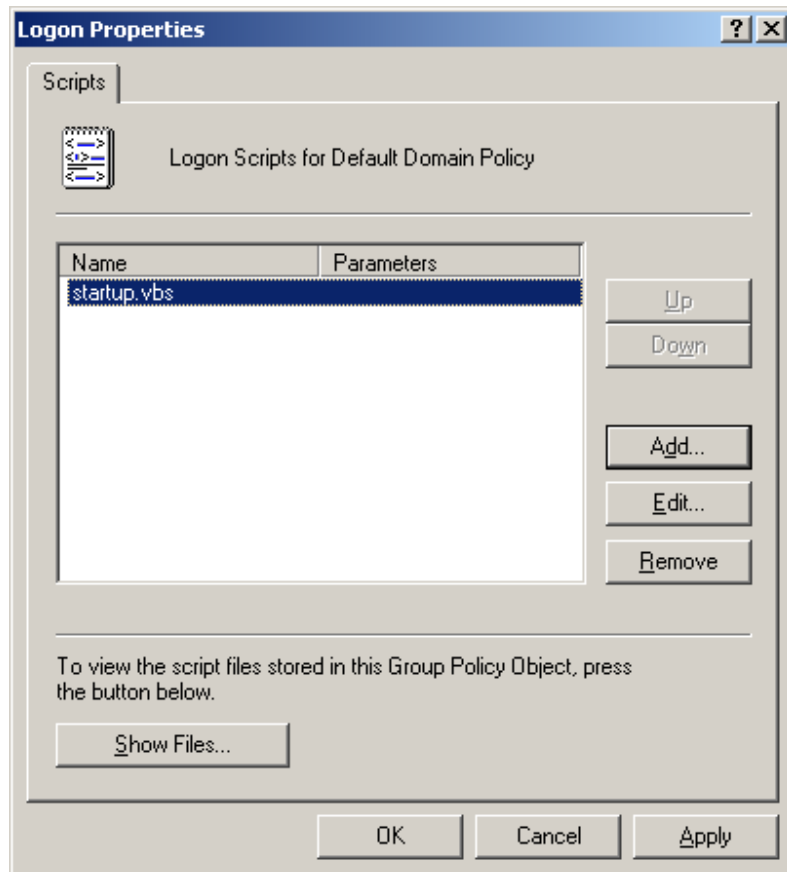
Now copy the Isclient.exe to your netlogon folder.



Deploying Isclient by using a GPO

More technical info on: <http://support.microsoft.com/kb/322241/en-us>

Make sure that you use a logon script instead of a startup script because this is running in the context of the user.

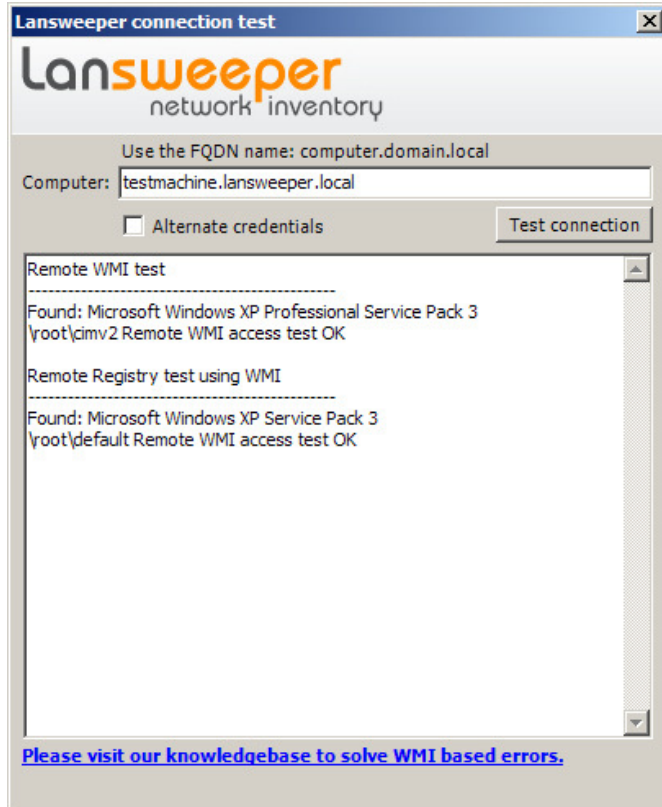


A sample vbs script that runs the Isclient hidden could look like this:

```
Set WshShell = CreateObject("WScript.Shell")
WshShell.run "%logonserver%\netlogon\Isclient.exe myserver",0
```

Troubleshooting connection problems.

You can connect from the server to one of the clients to check if the WMI settings and access permissions are ok.



The test checks if WMI access and registry access using WMI is possible.

If you find error errors please visit our [knowledgebase](http://www.lansweeper.com/knowledgebase)

Errors are almost always caused by these problems:

- Windows firewall or other firewall blocking access.
- WMI and Dcom is not enabled on the client.
(in a default windows installation this is enabled)
- Access denied: the server user does not have administrative permissions on the client.

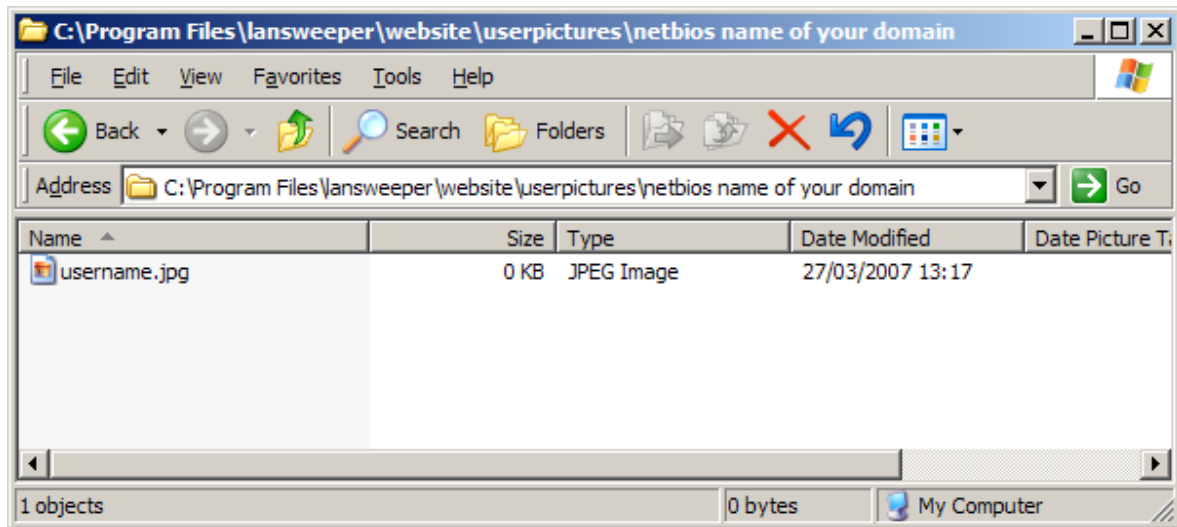
If you have checked our knowledgebase and didn't find an answer, please visit our support forum
<http://www.lansweeper.com/forum>

Adding user pictures to the web interface

If you want to add pictures for your users you can add them in the pictures folder of your web server:

Folder = NetBIOS name of your domain (change this to reflect the name of your domains)

Picture = username.jpg (SamAccountname)



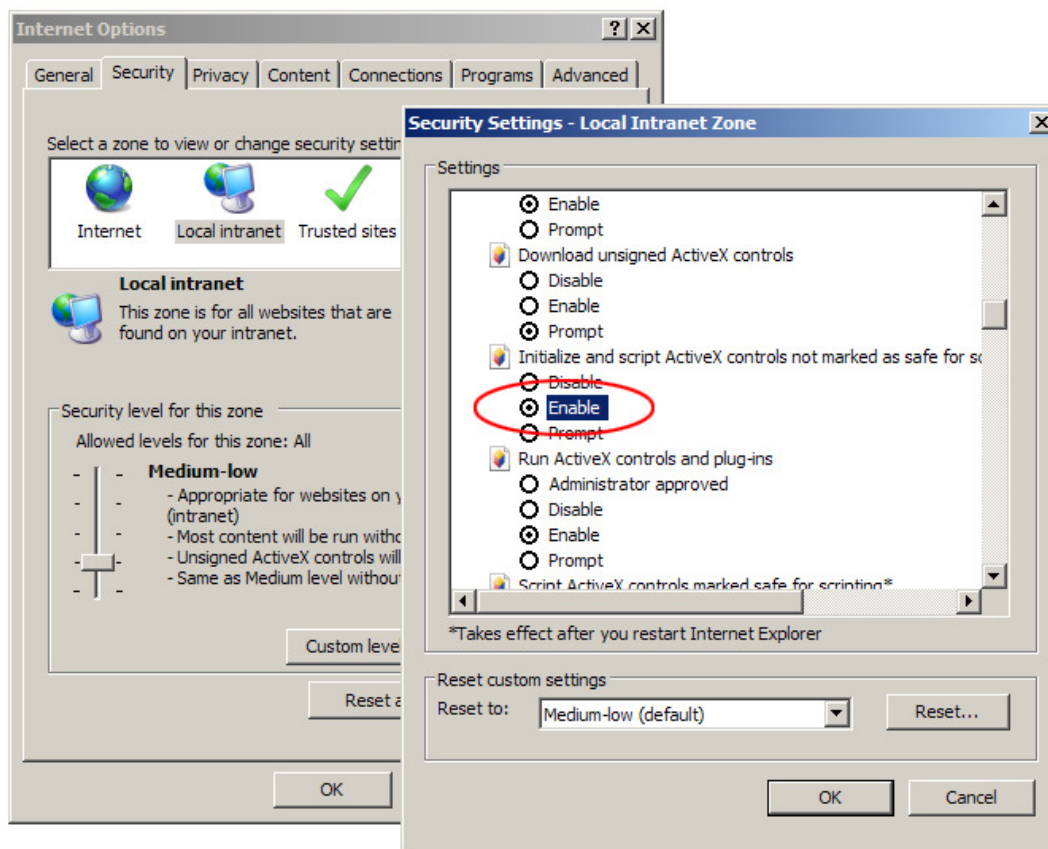
Configuring Internet explorer to allow custom actions

Make sure that the activeX controls are enabled.

You can add your website to the trusted sites for security reasons.

Go into Security Settings - Local Intranet Zone (or trusted sites).

Change the following setting to "Prompt" or "Enable"
[Initialize and script ActiveX control not marked as safe.]



Configuring Firefox to allow custom actions

First download the plugin from <http://www.lansweeper.com/firefoxplugin.zip>

The zip file contains 2 files:

Name	Size	Type
nplansweepershellexec.dll	120 KB	Application Extension
nsIScriptablePluginShellExec.xpt	1 KB	XPT File

nsIScriptablePluginShellExec.xpt should be placed in your Firefox Components folder

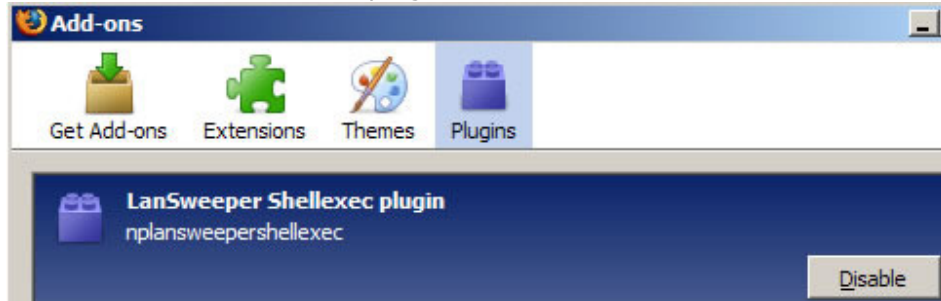
Address	C:\Program Files\Mozilla Firefox\components	
Name	Size	Type
nsIScriptablePluginShellExec.xpt	1 KB	XPT File

nplansweepershellexec.dll should be placed in your Firefox Plugins folder

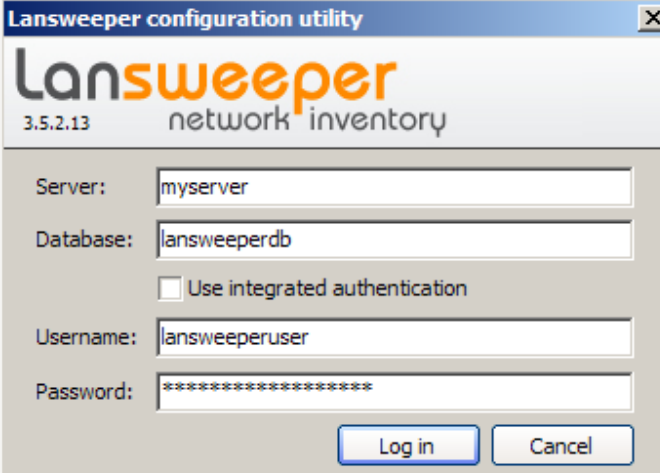
Address	C:\Program Files\Mozilla Firefox\plugins	
Name	Size	Type
nplansweepershellexec.dll	120 KB	Application Extension

Afterwards restart Firefox if it was running.

You can disable/enable the plugin afterwards from the firefox menu/tools/add-ons.



Logging on to the Configuration Console.



The screenshot shows a Windows-style dialog box titled "Lansweeper configuration utility". Inside the dialog, the "Lansweeper network inventory" logo and version "3.5.2.13" are displayed. Below this, there are input fields for "Server:" (containing "myserver"), "Database:" (containing "lansweeperdb"), "Username:" (containing "lansweeperuser"), and "Password:" (containing masked characters). There is an unchecked checkbox labeled "Use integrated authentication". At the bottom right, there are "Log in" and "Cancel" buttons.

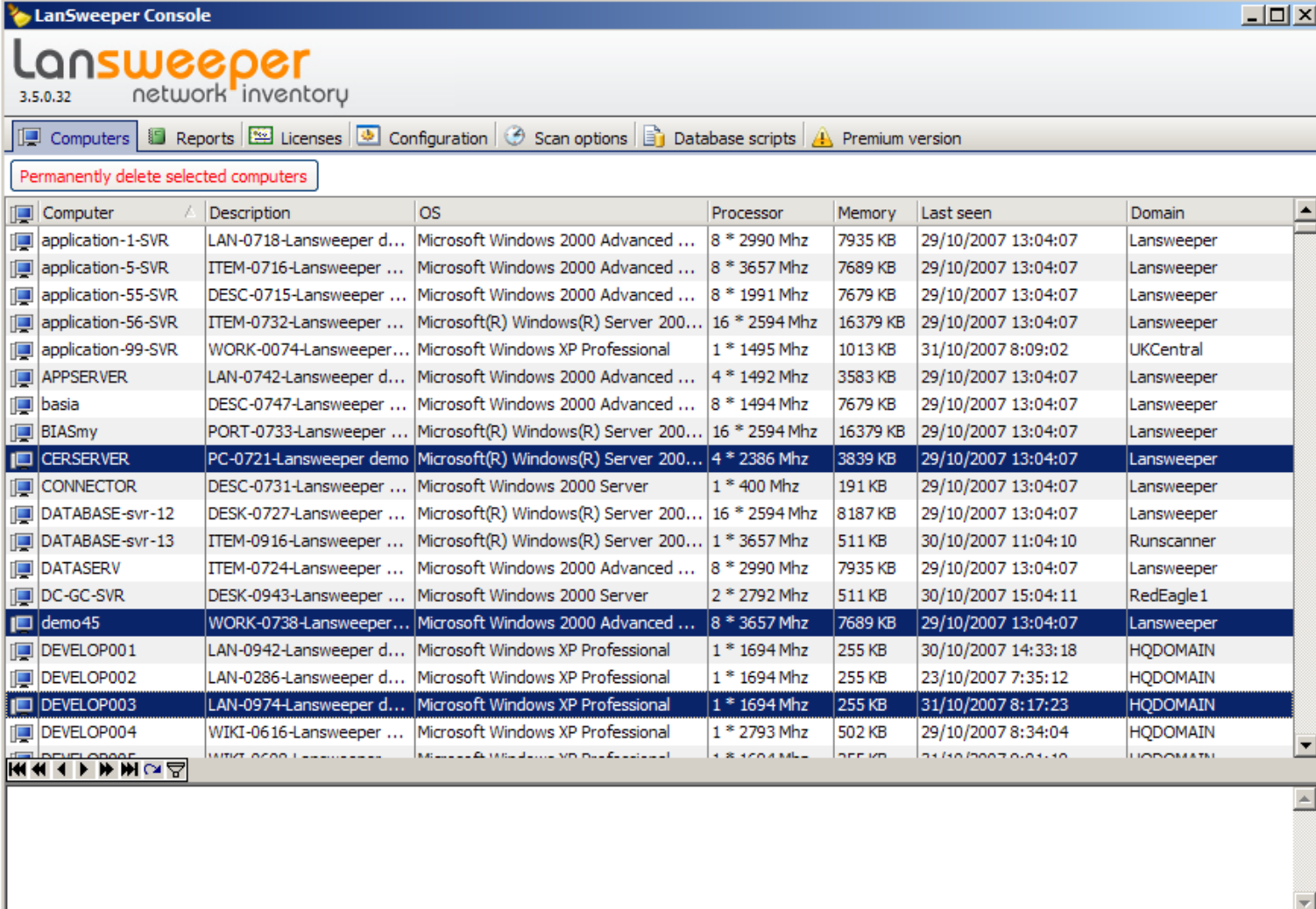
Server: your SQL-Server
Database: lansweeperdb

You can use integrated authentication or if you want to use sql authentication:

Logon: lansweeperuser
Default password: mysecretpassword0*

You can change the default password of the SQL user later if you want.

Permanently deleting computers using the GUI console



The screenshot shows the Lansweeper Console window. The title bar reads "Lansweeper Console". The main header area displays the "Lansweeper network inventory" logo and version "3.5.0.32". Below this is a navigation bar with tabs: "Computers", "Reports", "Licenses", "Configuration", "Scan options", "Database scripts", and "Premium version". A red button labeled "Permanently delete selected computers" is visible. The main area contains a table of computer inventory data.

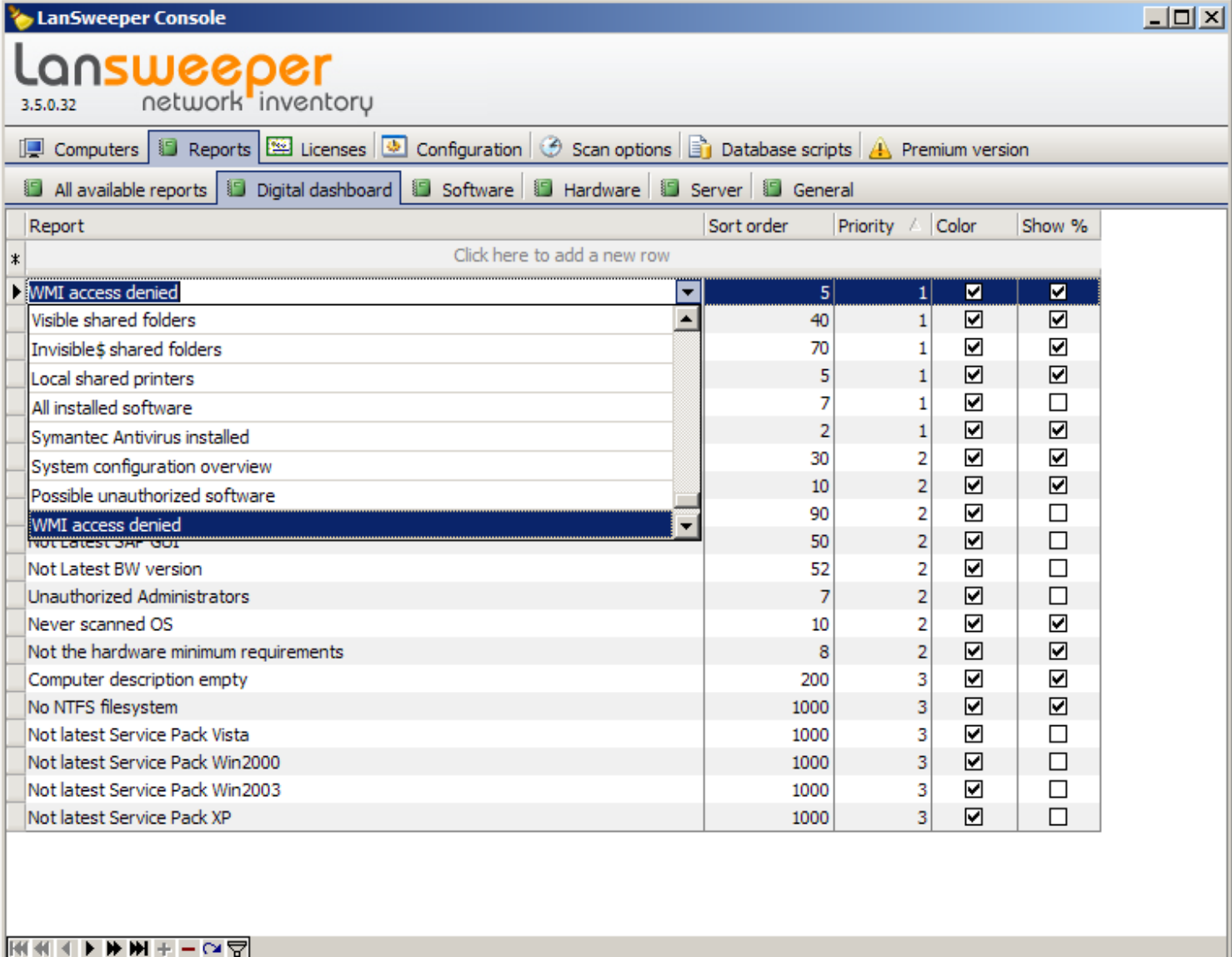
Computer	Description	OS	Processor	Memory	Last seen	Domain
application-1-SVR	LAN-0718-Lansweeper d...	Microsoft Windows 2000 Advanced ...	8 * 2990 Mhz	7935 KB	29/10/2007 13:04:07	Lansweeper
application-5-SVR	ITEM-0716-Lansweeper ...	Microsoft Windows 2000 Advanced ...	8 * 3657 Mhz	7689 KB	29/10/2007 13:04:07	Lansweeper
application-55-SVR	DESC-0715-Lansweeper ...	Microsoft Windows 2000 Advanced ...	8 * 1991 Mhz	7679 KB	29/10/2007 13:04:07	Lansweeper
application-56-SVR	ITEM-0732-Lansweeper ...	Microsoft(R) Windows(R) Server 200...	16 * 2594 Mhz	16379 KB	29/10/2007 13:04:07	Lansweeper
application-99-SVR	WORK-0074-Lansweeper...	Microsoft Windows XP Professional	1 * 1495 Mhz	1013 KB	31/10/2007 8:09:02	UKCentral
APPSERVER	LAN-0742-Lansweeper d...	Microsoft Windows 2000 Advanced ...	4 * 1492 Mhz	3583 KB	29/10/2007 13:04:07	Lansweeper
basia	DESC-0747-Lansweeper ...	Microsoft Windows 2000 Advanced ...	8 * 1494 Mhz	7679 KB	29/10/2007 13:04:07	Lansweeper
BIASmy	PORT-0733-Lansweeper ...	Microsoft(R) Windows(R) Server 200...	16 * 2594 Mhz	16379 KB	29/10/2007 13:04:07	Lansweeper
CERESERVER	PC-0721-Lansweeper demo	Microsoft(R) Windows(R) Server 200...	4 * 2386 Mhz	3839 KB	29/10/2007 13:04:07	Lansweeper
CONNECTOR	DESC-0731-Lansweeper ...	Microsoft Windows 2000 Server	1 * 400 Mhz	191 KB	29/10/2007 13:04:07	Lansweeper
DATABASE-svr-12	DESK-0727-Lansweeper ...	Microsoft(R) Windows(R) Server 200...	16 * 2594 Mhz	8187 KB	29/10/2007 13:04:07	Lansweeper
DATABASE-svr-13	ITEM-0916-Lansweeper ...	Microsoft(R) Windows(R) Server 200...	1 * 3657 Mhz	511 KB	30/10/2007 11:04:10	Runscanner
DATASERV	ITEM-0724-Lansweeper ...	Microsoft Windows 2000 Advanced ...	8 * 2990 Mhz	7935 KB	29/10/2007 13:04:07	Lansweeper
DC-GC-SVR	DESK-0943-Lansweeper ...	Microsoft Windows 2000 Server	2 * 2792 Mhz	511 KB	30/10/2007 15:04:11	RedEagle1
demo45	WORK-0738-Lansweeper...	Microsoft Windows 2000 Advanced ...	8 * 3657 Mhz	7689 KB	29/10/2007 13:04:07	Lansweeper
DEVELOP001	LAN-0942-Lansweeper d...	Microsoft Windows XP Professional	1 * 1694 Mhz	255 KB	30/10/2007 14:33:18	HQDOMAIN
DEVELOP002	LAN-0286-Lansweeper d...	Microsoft Windows XP Professional	1 * 1694 Mhz	255 KB	23/10/2007 7:35:12	HQDOMAIN
DEVELOP003	LAN-0974-Lansweeper d...	Microsoft Windows XP Professional	1 * 1694 Mhz	255 KB	31/10/2007 8:17:23	HQDOMAIN
DEVELOP004	WIKI-0616-Lansweeper ...	Microsoft Windows XP Professional	1 * 2793 Mhz	502 KB	29/10/2007 8:34:04	HQDOMAIN

Select all the computers in the grid (ctrl & shift) for multiple selections.

Click the "permanently delete selected computers" button.

This will delete the computer details and all related information from your database.

Administering report settings



Report	Sort order	Priority	Color	Show %
* Click here to add a new row				
WMI access denied	5	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Visible shared folders	40	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Invisible\$ shared folders	70	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Local shared printers	5	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
All installed software	7	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Symantec Antivirus installed	2	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
System configuration overview	30	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Possible unauthorized software	10	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WMI access denied	90	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Not latest SP	50	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Not Latest BW version	52	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unauthorized Administrators	7	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Never scanned OS	10	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Not the hardware minimum requirements	8	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Computer description empty	200	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
No NTFS filesystem	1000	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Not latest Service Pack Vista	1000	3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Not latest Service Pack Win2000	1000	3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Not latest Service Pack Win2003	1000	3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Not latest Service Pack XP	1000	3	<input checked="" type="checkbox"/>	<input type="checkbox"/>

With the dropdown box you can select from all the available reports in the database.

Sort order = the lower the number, the higher the report will be displayed in the interface

Priority 1 : High priority

Priority 2 : Important

Priority 3 : Informational

Color = show in red in the report contains items

Show % = shows the percentage of computers contained in this report



If you want to create new reports: the premium version includes a report builder.

Configuring software license usage

The screenshot shows the LanSweeper Console interface. The top menu bar includes 'Computers', 'Reports', 'Licenses', 'Configuration', 'Scan options', 'Database scripts', and 'Premium version'. The 'Licenses' tab is active, showing two sub-tabs: 'Software licenses' and 'Operating system licenses'. The main window is divided into two panes. The left pane, titled 'Software found in your network:', displays a table of software found on the network. The right pane, titled 'Software for which you want to keep track of the licenses:', displays a table of software selected for license tracking. An 'add >>' button is located between the two panes.

Software	Version	Total
Microsoft .NET Framework 2.0	2.0	880
SAP Front End	6.40	842
Microsoft Visual J# 2.0 Redistributable Package	2.0	832
Microsoft Visual J# .NET Redistributable Package 1.1	1.1	816
Microsoft .NET Framework 1.1		797
MSXML 4.0 SP2 (KB927978)	4.20	794
MSXML 4.0 SP2 (KB936181)	4.20	792
Microsoft Office XP Professional	10.0	751
Microsoft .NET Framework 1.1 Hotfix (KB928366)		677
MSXML 4.0 SP2 (KB925672)	4.20	657
MSXML 6.0 Parser (KB933579)	6.10	653
HighMAT Extension to Microsoft Windows XP CD Writi...	1.1	641
Windows Media Format 11 runtime		637
Windows Media Player 11		636
F-Secure Anti-Virus for Workstations - Virus & Spy Pro...		619
Microsoft Outlook 2002	10.0	618
Microsoft Compression Client Pack 1.0 for Windows XP	1	593
Microsoft User-Mode Driver Framework Feature Pack ...		586
Intel(R) PRO Network Adapters and Drivers		546
Windows XP Service Pack 2	2004...	399
F-Secure Management Agent		396
OMCI	7.1	392
Adobe Acrobat 5.0	5.0	385
Microsoft Data Access Components KB920650		370

Software	Version	# Purc...	# Price
F-Secure Anti-Virus for Workstations - Virus & Spy Protection		750	499,00 €
WinZip	8.1	300	10,00 €
Microsoft Office XP Professional	10.0	600	300,00 €
Reflection for UNIX and Digital 6.00		50	200,00 €
Microsoft SQL Server 2000	8.0	10	1.000,00 €
Microsoft Exchange 2000		15	1.000,00 €

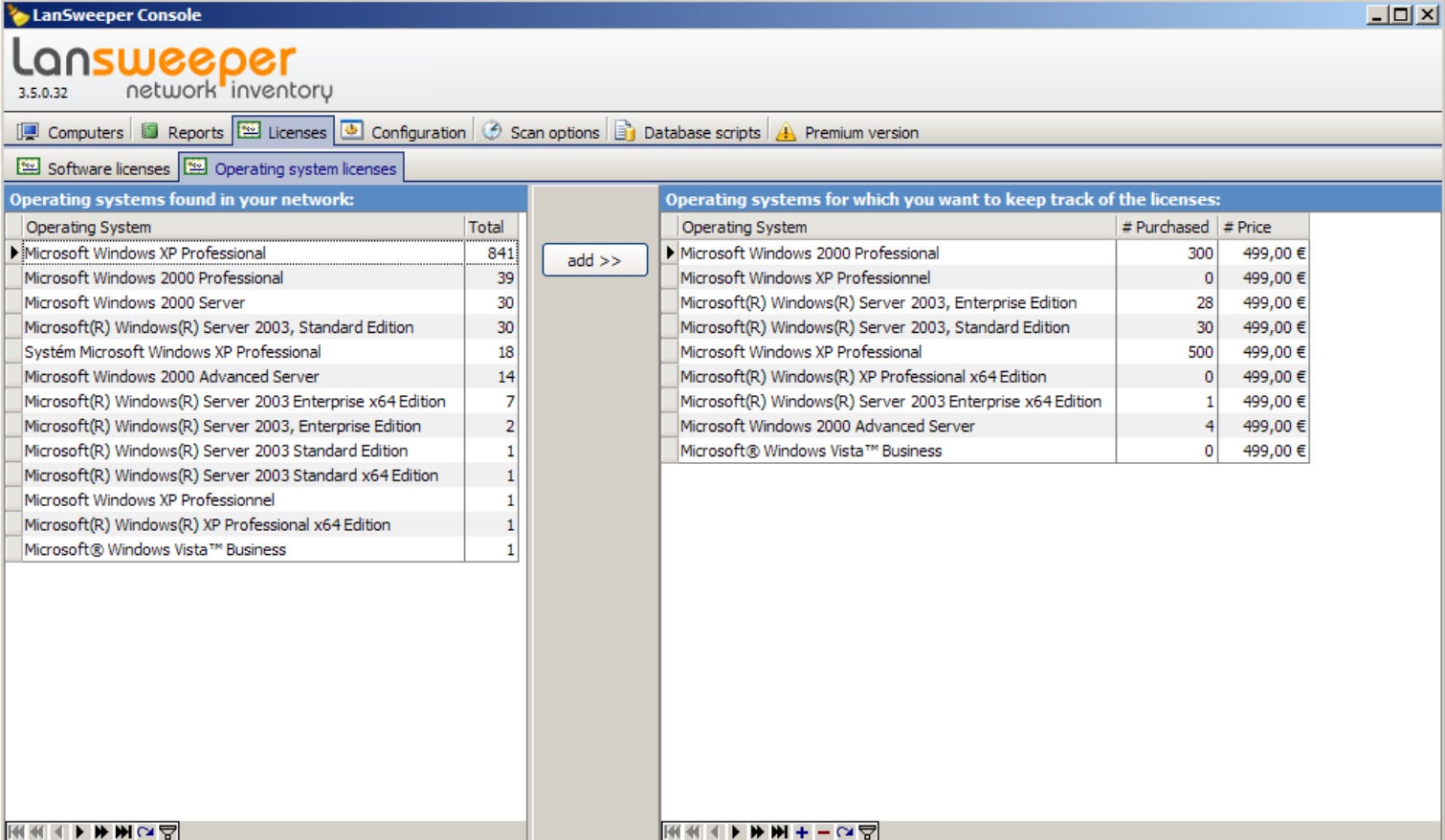
On the left you see all the software found in your network.

If you want to track license usage of a software item, you can select it and add it to the list of tracked software.

Purchased : amount of licenses that you bought for this product.

Price : price for one license.

Configuring operating system license usage



LanSweeper Console
3.5.0.32 network inventory

Computers | Reports | **Licenses** | Configuration | Scan options | Database scripts | Premium version

Software licenses | **Operating system licenses**

Operating systems found in your network:

Operating System	Total
Microsoft Windows XP Professional	841
Microsoft Windows 2000 Professional	39
Microsoft Windows 2000 Server	30
Microsoft(R) Windows(R) Server 2003, Standard Edition	30
Système Microsoft Windows XP Professional	18
Microsoft Windows 2000 Advanced Server	14
Microsoft(R) Windows(R) Server 2003 Enterprise x64 Edition	7
Microsoft(R) Windows(R) Server 2003, Enterprise Edition	2
Microsoft(R) Windows(R) Server 2003 Standard Edition	1
Microsoft(R) Windows(R) Server 2003 Standard x64 Edition	1
Microsoft Windows XP Professionnel	1
Microsoft(R) Windows(R) XP Professional x64 Edition	1
Microsoft® Windows Vista™ Business	1

add >>

Operating systems for which you want to keep track of the licenses:

Operating System	# Purchased	# Price
Microsoft Windows 2000 Professional	300	499,00 €
Microsoft Windows XP Professionnel	0	499,00 €
Microsoft(R) Windows(R) Server 2003, Enterprise Edition	28	499,00 €
Microsoft(R) Windows(R) Server 2003, Standard Edition	30	499,00 €
Microsoft Windows XP Professional	500	499,00 €
Microsoft(R) Windows(R) XP Professional x64 Edition	0	499,00 €
Microsoft(R) Windows(R) Server 2003 Enterprise x64 Edition	1	499,00 €
Microsoft Windows 2000 Advanced Server	4	499,00 €
Microsoft® Windows Vista™ Business	0	499,00 €

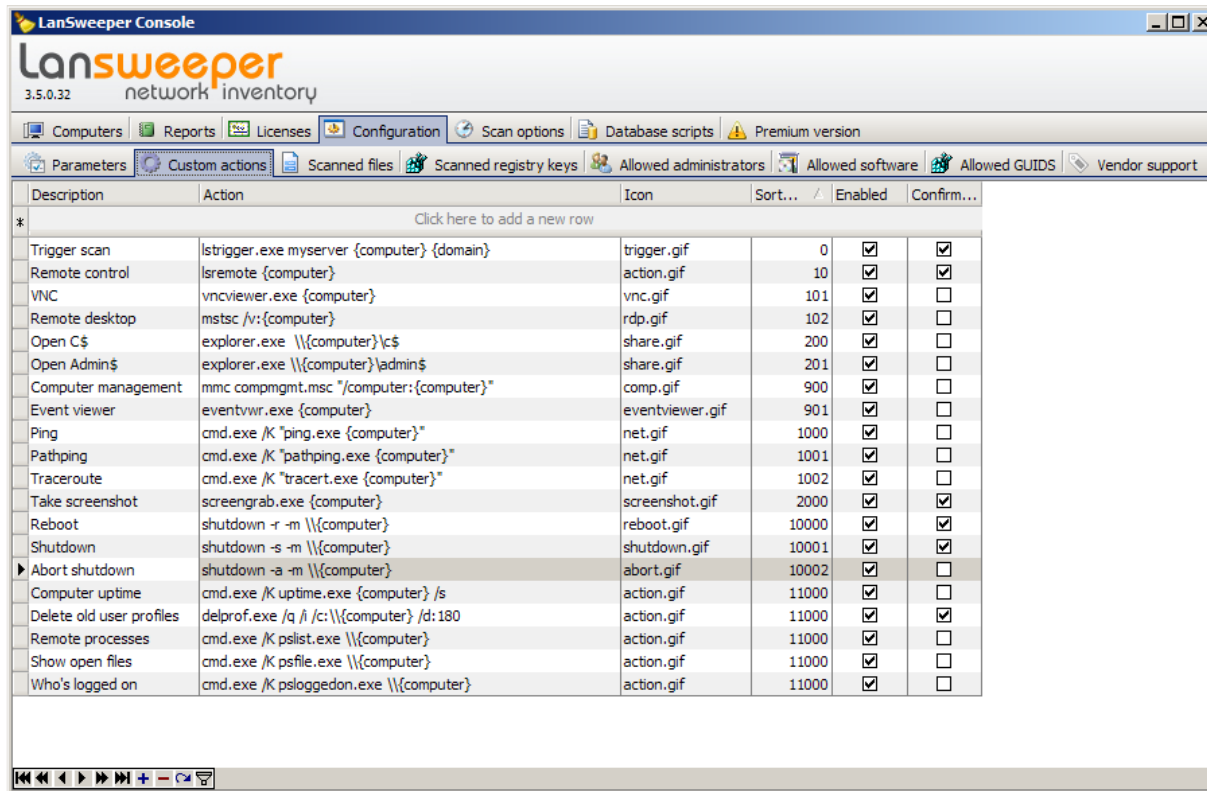
On the left you see all the windows operating systems found in your network.

If you want to track license usage of an operating system, you can select it and add it to the list of tracked Operating systems.

Purchased : amount of licenses that you bought for this product.

Price : price for one license.

Implementing custom actions



Description: what appears in the web interface

Action: the command to execute

Variables: {computer}, {domain}, {username}, {userdomain}, {tag},{ipaddress} can be used

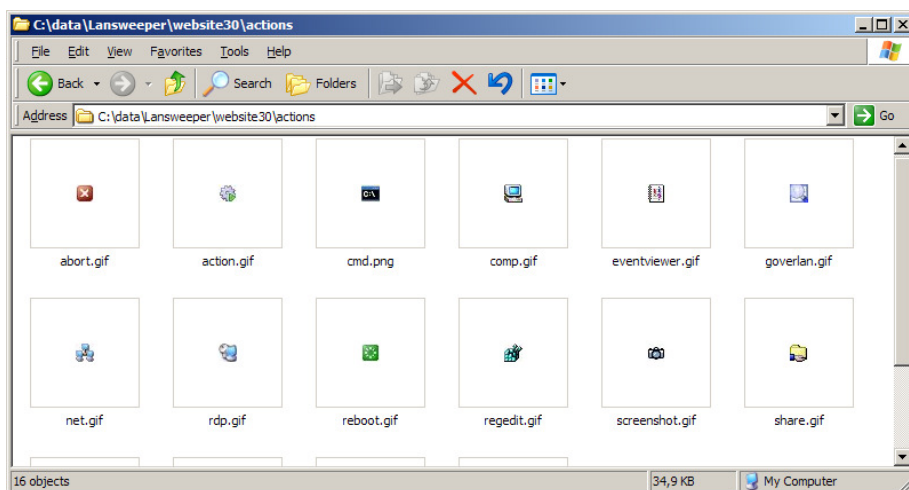
Icon: which icon to show in the interface.

Sort order: the lower the number, the higher the report will be displayed in the interface

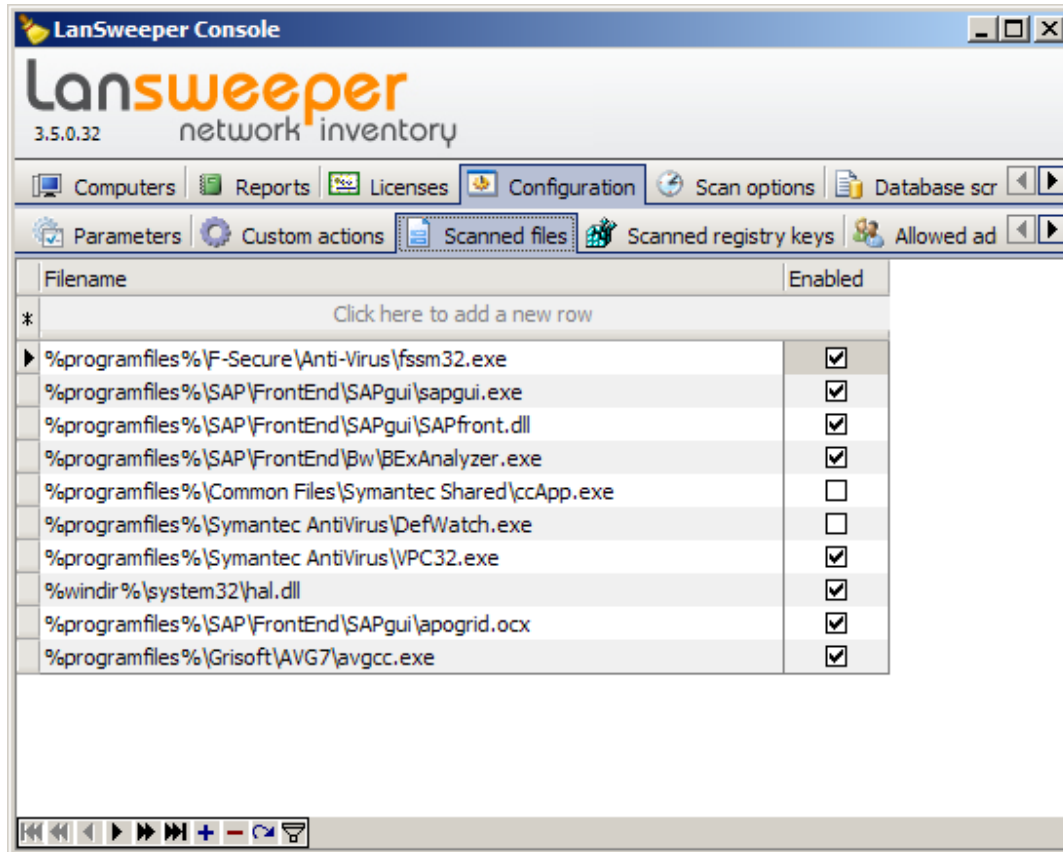
Enabled: show this action in the interface

Confirmation: ask for confirmation before executing this action.

You can add your own icons to the "actions" folder in the web folder.



Configuring extra scanned files



Filename : you can use 2 parameters : %programfiles% and %windir%

Enabled : scan for this file.

File size, company, version and other info is scanned for this file.

Results of these file scans can be used to create custom reports using the premium report builder.

Examples:

Who doesn't have the latest version of Firefox installed?

Who doesn't have the latest version of Antivirusscanner X?

Who misses the needed DLL for application X?

Configuring extra scanned registry keys

LanSweeper Console

Lansweeper 3.5.0.32 network inventory

Computers Reports Licenses Configuration Scan options Database scripts Premium version

Parameters Custom actions Scanned files Scanned registry keys Allowed administrators Allowed software All

Rootkey	RegPath	Regvalue	Enabled
* Click here to add a new row			
HKEY_LOCAL_MACHINE	SYSTEM\ControlSet001\Control\Class\{4D36E966-E325-11CE-BFC1-08002BE10318}...	InfSection	<input checked="" type="checkbox"/>
HKEY_LOCAL_MACHINE	SYSTEM\ControlSet001\Control\Class\{4D36E966-E325-11CE-BFC1-08002BE10318}...	DriverDesc	<input checked="" type="checkbox"/>
HKEY_LOCAL_MACHINE	SYSTEM\CurrentControlSet\Control\Session Manager\Memory Management	PagingFiles	<input checked="" type="checkbox"/>
HKEY_LOCAL_MACHINE	SYSTEM\CurrentControlSet\Services\Tcpip\Parameters	IPAutoconfigurati...	<input checked="" type="checkbox"/>
HKEY_LOCAL_MACHINE	SOFTWARE\Mozilla\Mozilla Firefox	CurrentVersion	<input checked="" type="checkbox"/>

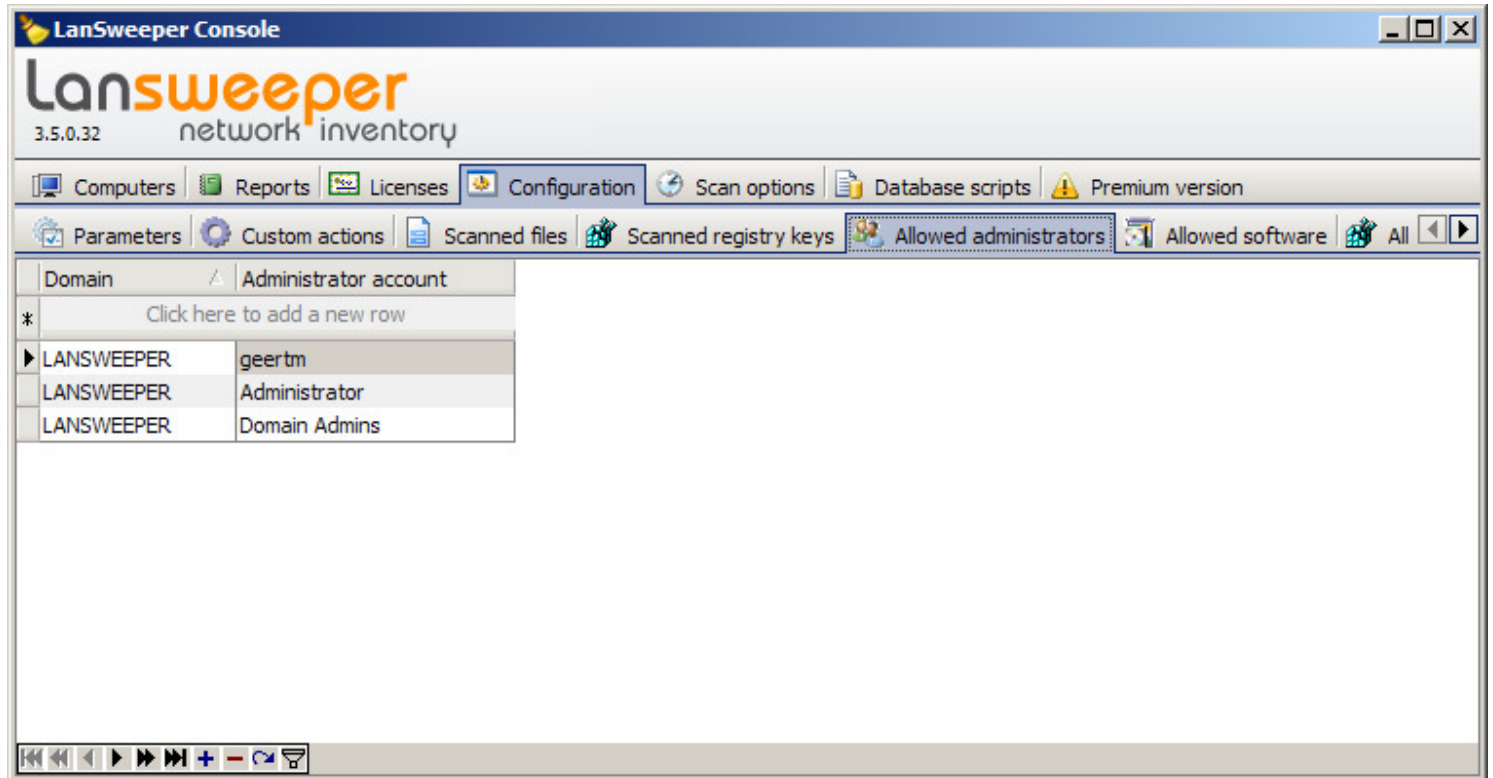
Rootkey: select the rootkey in the remote registry

Regpath: select the path to scan

Revalue: select the value to scan

Enabled: enable scanning of this item

Configuring allowed local computer administrators



Add all users that are allowed to be local administrator on their computer to this list.
This will help you with the report : "Not allowed local administrators"

Configuring allowed (safe) software

The screenshot shows the 'Configuration' window in the Lansweeper Console. The 'Allowed software' tab is selected. The window is divided into two main panes. The left pane, titled 'Software found in your network:', contains a table with two columns: 'Software' and 'Total'. The right pane, titled 'Approved software:', contains a list of software items. An 'add >>' button is located between the two panes.

Software	Total
IrfanView (remove only)	95
CutePDF Writer 2.7	90
High Definition Audio Driver Package - KB835221	83
CA eTrust Antivirus	79
Adobe Reader 8	79
Adobe Reader 7.0 - Nederlands	76
Conexant D480 MDC V.9x Modem	72
LiveReg (Symantec Corporation)	68
Secure Application Manager	68
Total Commander (Remove or Repair)	68
Conexant D110 MDC V.9x Modem	64
Adobe Reader 8 - Deutsch	63
QuickTime	60
Reflection for UNIX and Digital 6.00	55
Volo View Express	53
Dell Resource CD	52
Adobe Download Manager 2.0 (Supprimer uniquement)	50
C-Major Audio	50

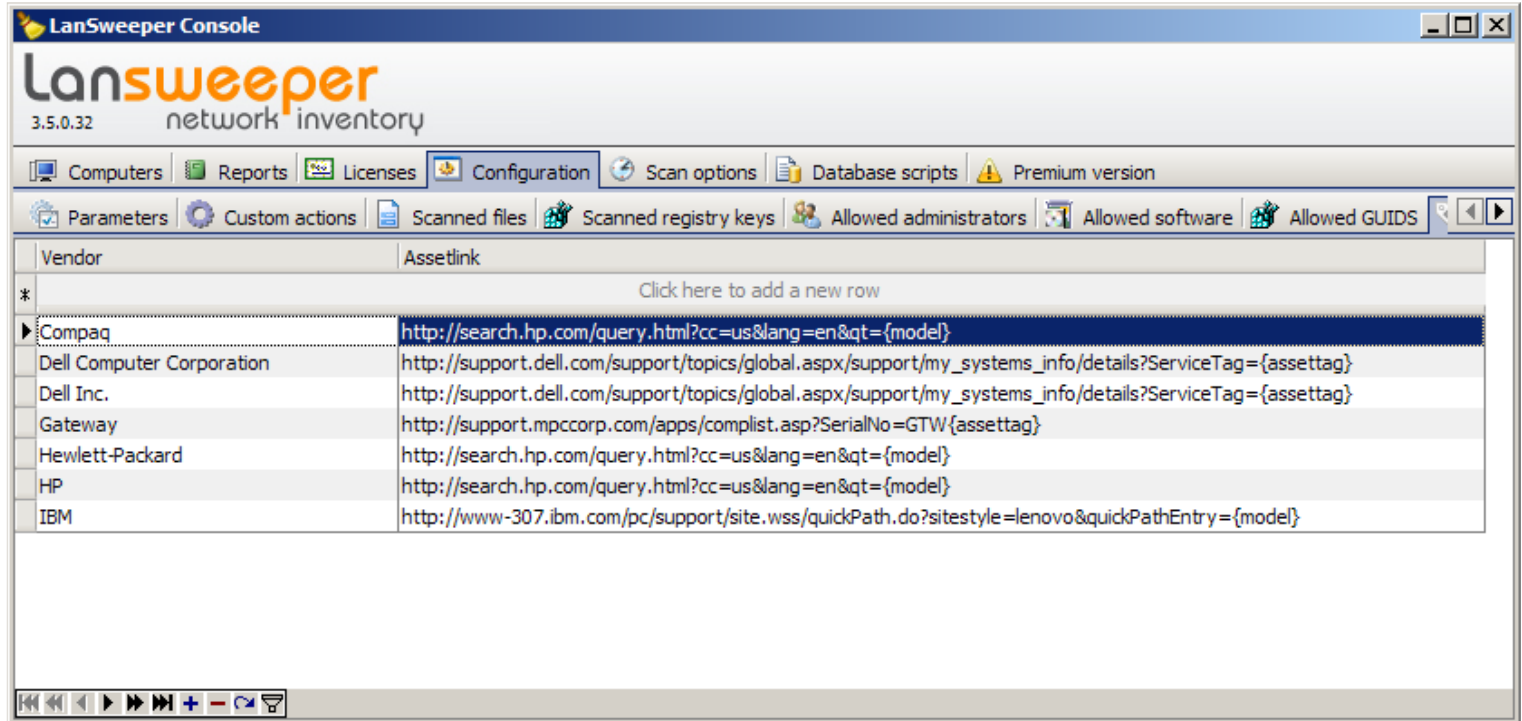
Approved software:

- Adobe Acrobat 5.0
- Adobe Download Manager 2.0 (Remove Only)
- Adobe Flash Player 9 ActiveX
- Adobe Reader 7.0.5
- ATI Display Driver
- Broadcom Gigabit Integrated Controller
- CCleaner (remove only)
- CutePDF Writer 2.2
- Dell OpenManage Client Instrumentation
- Dell ResourceCD
- F-Secure Anti-Virus Client Security - SNMP Support
- F-Secure Anti-Virus for Workstations - Virus & Spy Protection
- F-Secure Management Agent
- Grootwoordenboek hedendaags Nederlands en groot synoniemen woordenboek
- Grootwoordenboek Nederlands-Duits en Duits-Nederlands
- Grootwoordenboek Nederlands-Engels en Engels-Nederlands
- Grootwoordenboek Nederlands-Frans en Frans-Nederlands
- HighMAT Extension to Microsoft Windows XP CD Writing Wizard

Add all approved and safe software to the list.

This will help you to find "illegal" software usage.

Configuring Asset tag links

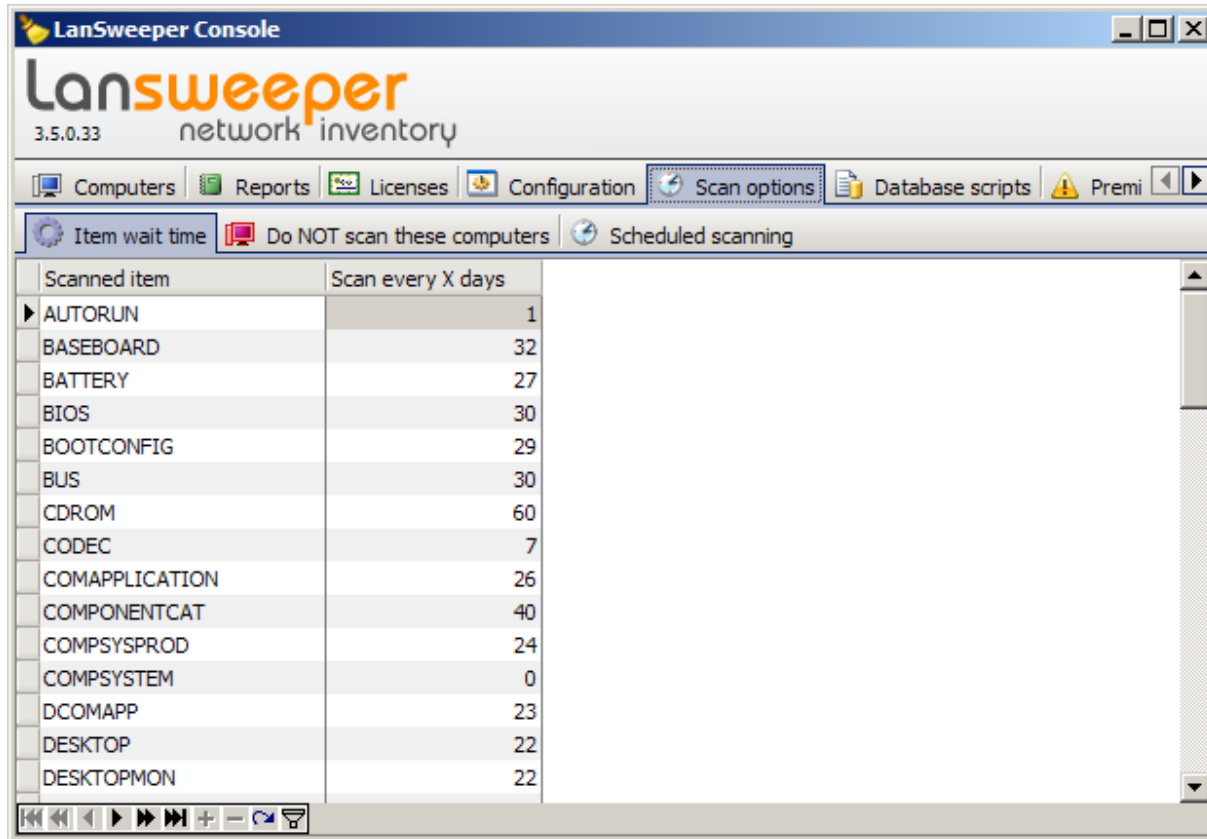


The screenshot shows the Lansweeper Console Configuration window. The 'Configuration' tab is selected, and the 'Assetlink' table is visible. The table has two columns: 'Vendor' and 'Assetlink'. The table contains several rows for different vendors, each with a corresponding URL template. The 'Assetlink' column uses placeholders like {assettag} and {model} to link to vendor support pages.

Vendor	Assetlink
*	Click here to add a new row
Compaq	http://search.hp.com/query.html?cc=us&lang=en&q={model}
Dell Computer Corporation	http://support.dell.com/support/topics/global.aspx/support/my_systems_info/details?ServiceTag={assettag}
Dell Inc.	http://support.dell.com/support/topics/global.aspx/support/my_systems_info/details?ServiceTag={assettag}
Gateway	http://support.mpcorp.com/apps/complist.asp?SerialNo=GTW{assettag}
Hewlett-Packard	http://search.hp.com/query.html?cc=us&lang=en&q={model}
HP	http://search.hp.com/query.html?cc=us&lang=en&q={model}
IBM	http://www-307.ibm.com/pc/support/site.wss/quickPath.do?sitestyle=lenovo&quickPathEntry={model}

You can use the {assettag} and {model} parameter to link to computer vendors support pages.

Configuring scanning options



This table defines when each item is scanned.

0 = always

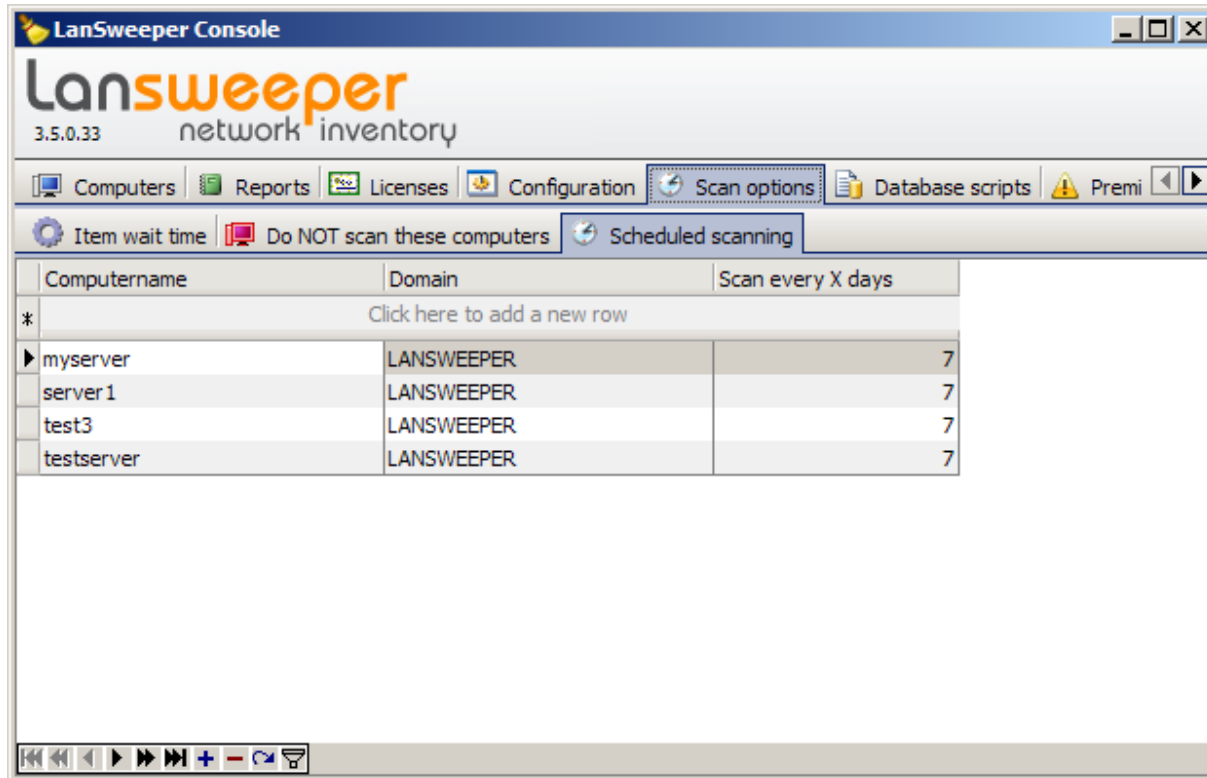
X = every x days.

For example:

Cdrom = 60

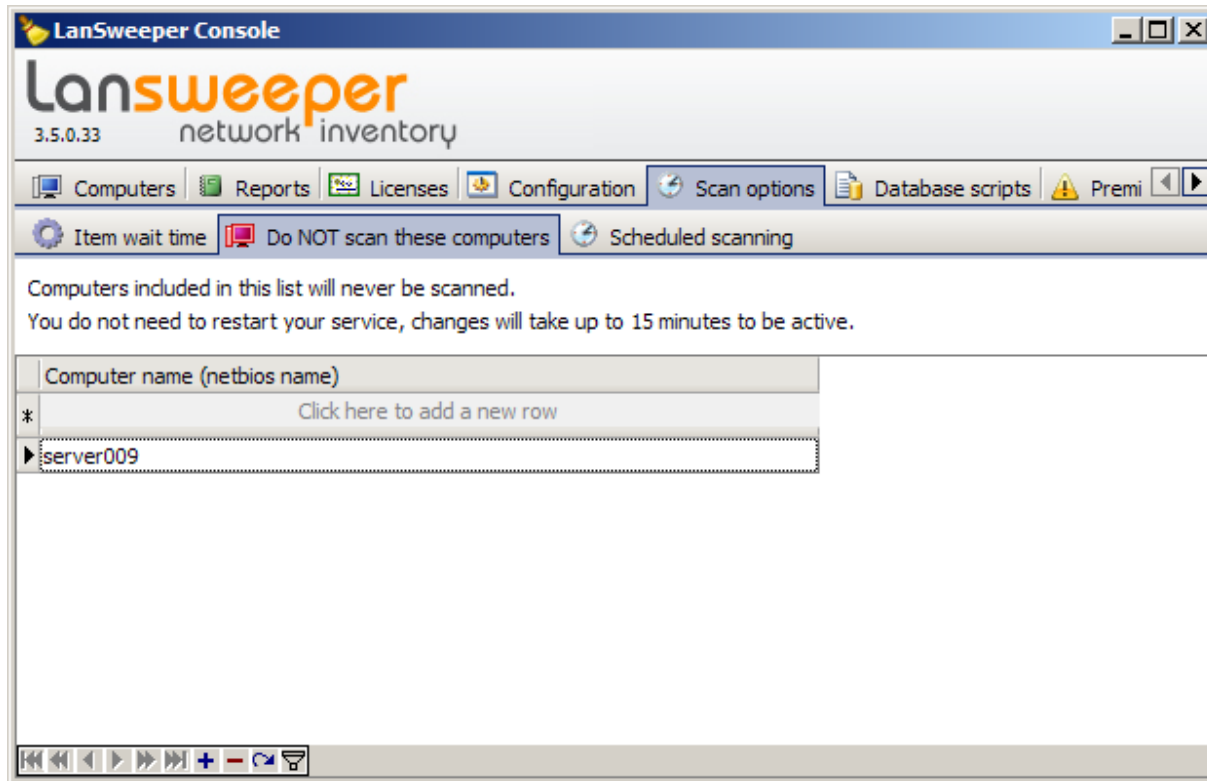
Information about cdroms is only scanned every 60 days.

Configuring scheduled scanning



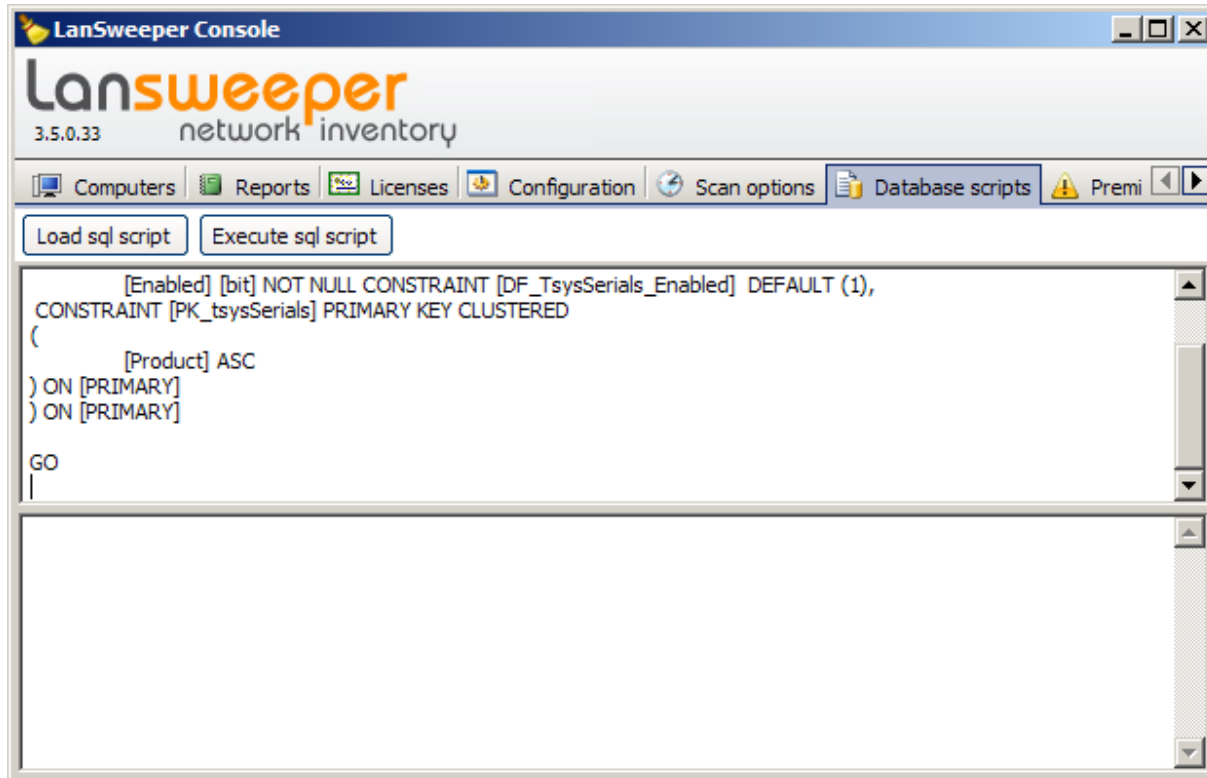
If you want to use scheduled scanning (optional) you can add the computers + domains to this list.

Configuring scanning exclusion



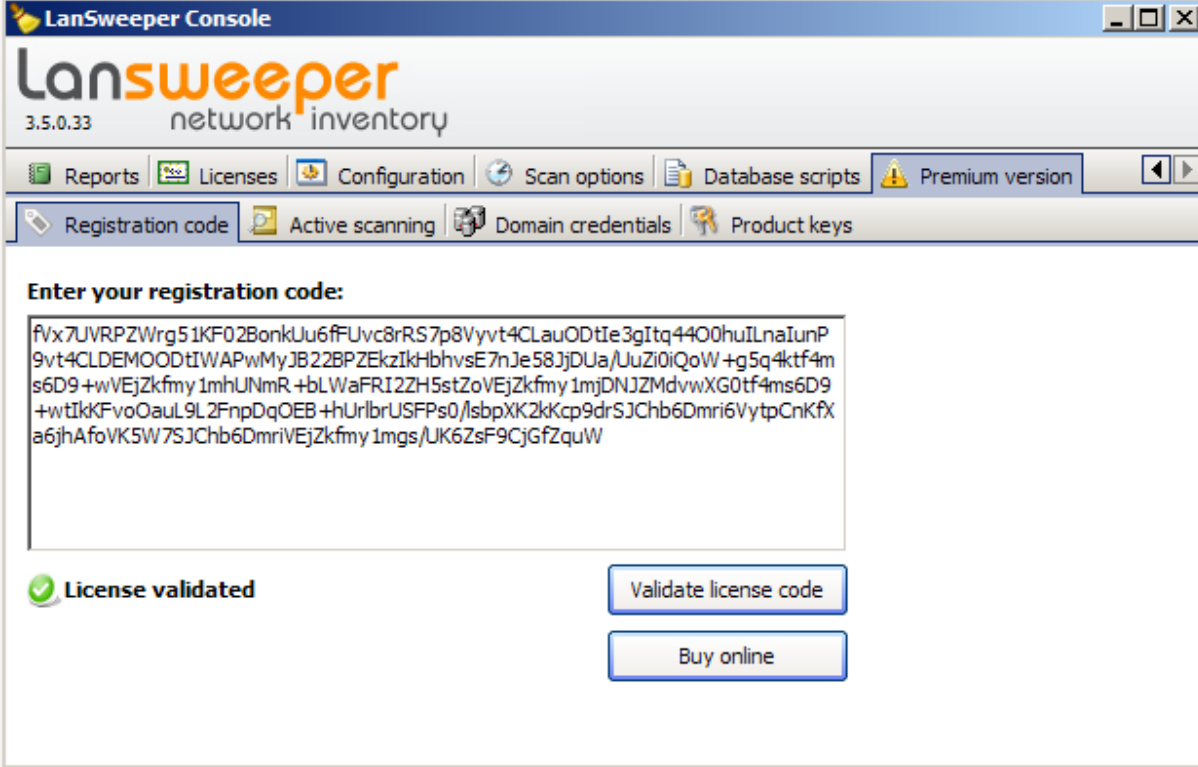
If you wish to exclude some computers from scanning you can add them to this list.

Running predefined database scripts



On the lansweeper forum you will be able to download new reports, action scripts, ... created by other users. You can install them using this interface.

Upgrading to the premium version



The screenshot shows the 'Lansweeper Console' window. The title bar says 'Lansweeper Console'. The main header area displays the 'Lansweeper network inventory' logo and version '3.5.0.33'. Below the header is a navigation bar with tabs: 'Reports', 'Licenses', 'Configuration', 'Scan options', 'Database scripts', and 'Premium version' (which is highlighted). Below the navigation bar is a sub-navigation bar with icons and labels: 'Registration code', 'Active scanning', 'Domain credentials', and 'Product keys'. The main content area is titled 'Enter your registration code:' and contains a large text input field with a long alphanumeric string: 'fVx7UVRPZWrg51KF02BonkUu6fUvc8rRS7p8Vvyt4CLauODtIe3gItq4400huILnaIunP9vt4CLDEMOODtIWAPwMyJB22BPZEKzIkHbhvsE7nJe58JjDUa/UuZi0iQoW +g5q4ktf4ms6D9 +wVEjZkfmy 1mhUNmR +bLWaFRI2ZH5stZoVEjZkfmy 1mjDNJZMdvwXG0tf4ms6D9 +wtIkKFvoOauL9L2FnpDqOEB +hUrlbrUSFPs0 /sbpXK2kKcp9drSJChb6Dmri6VypCnKfXa6jhAfoVK5W7SJChb6DmriVEjZkfmy 1mgs/UK6ZsF9CjGFZquW'. Below the input field, there is a green checkmark icon followed by the text 'License validated'. To the right of this, there are two buttons: 'Validate license code' and 'Buy online'.

After purchase you will receive a license key which you can copy/paste into this screen.

If you can't find your license key, please contact us at lansweeper@hemoco.com and provide your orderID.

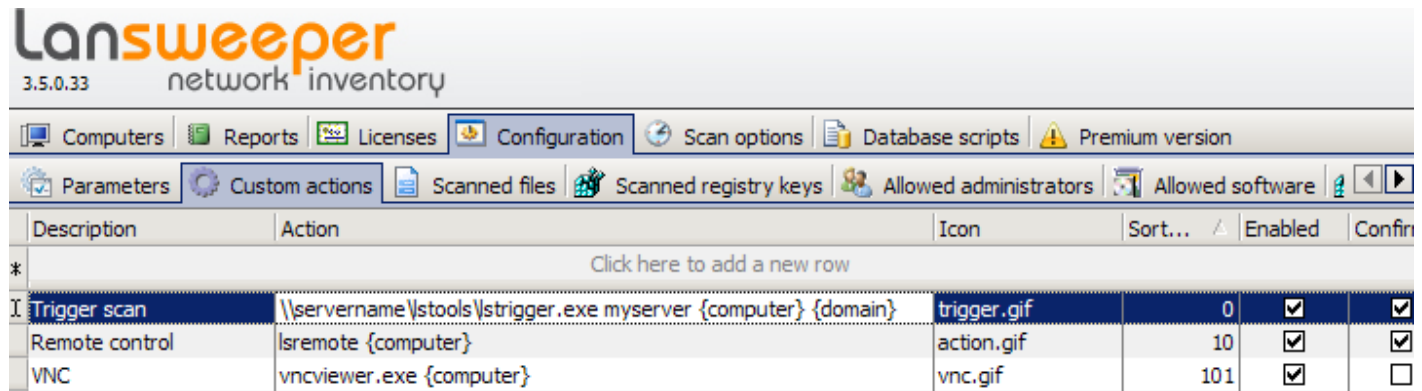
How to install the premium and other custom tools

All the premium tools are standalone executable and don't require any special installation, you can place them wherever you like.

In this example we are going to place them on a shared folder so all administrators can use them from the action screen.

1. Create a new share on the server, (LSTools in this example)
2. Set up security on the share
3. Unzip the tools to this share

Open management console and go to the custom actions.



Now change the Trigger scan action to point to the share we just created:

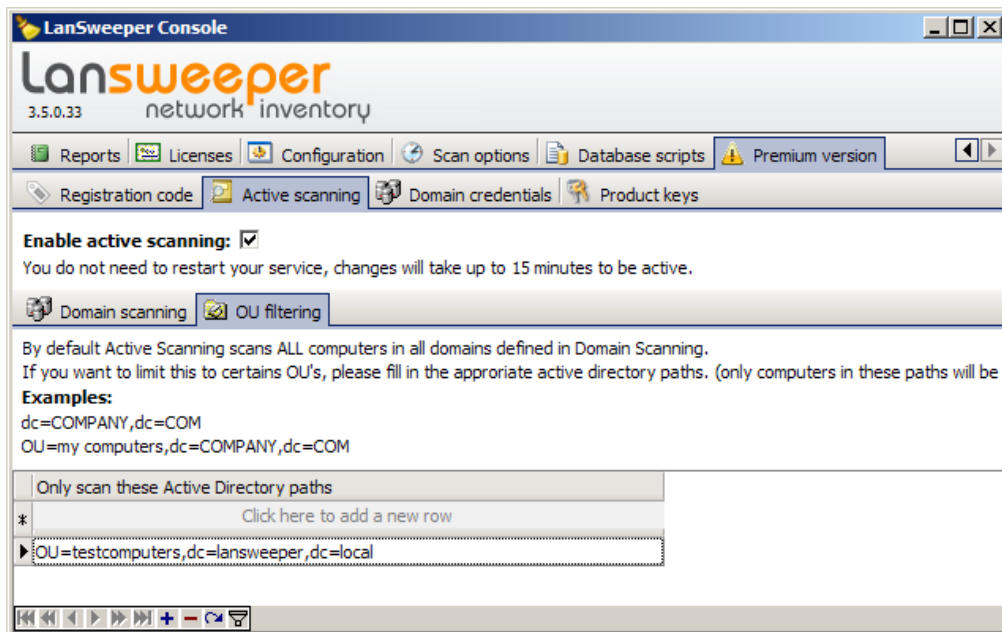
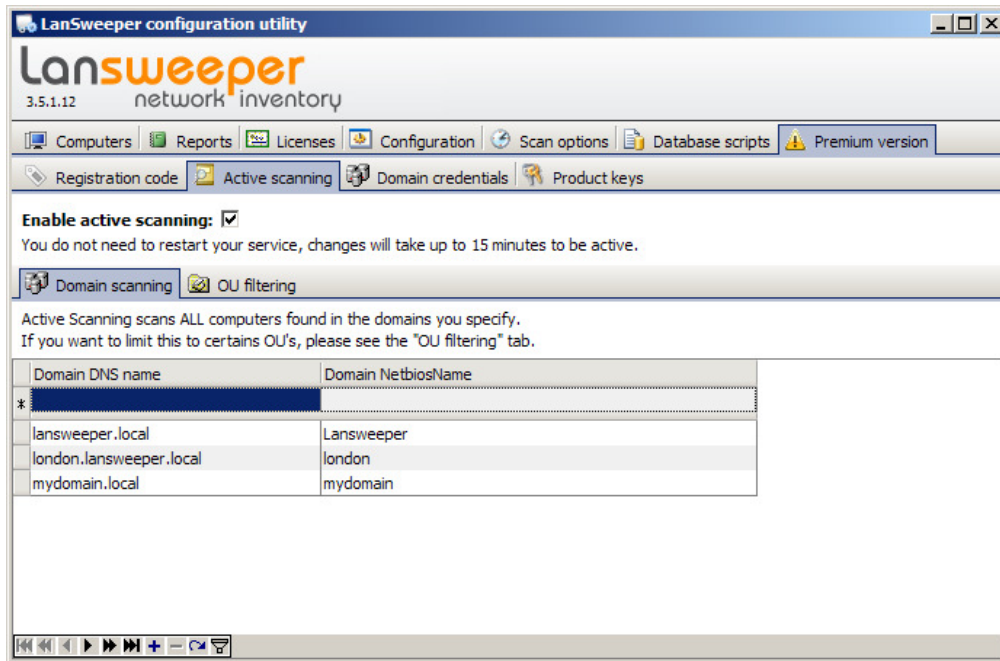
\\servername\LStools\lstrigger.exe myserver {computer} {domain}

Change **myserver** to the server where your lansweeper service is running.

Premium only: Active scanning



Active scanning allows you to scan multiple domain and selected OU's **without the need to use lsclient.exe in a login script.**



Premium only: Alternate credentials

LanSweeper Console

Lansweeper
3.5.0.33 network inventory

Reports | Licenses | Configuration | Scan options | Database scripts | Premium version

Registration code | Active scanning | **Domain credentials** | Product keys

Alternate domain credentials:
By default lansweeper uses the credentials of the service account, if you want to scan domains with different credentials please fill in the table below. Note that your password will be stored using reversible encryption.

Domain (netbiosname)	Username (domain\username)	Password
* ...		

<No data to display>

On this page you can specify alternate credentials to scan other domains and forests.

Enter password

Domain for which you want to use alternate credentials

Domain: lansweeper

User to scan the domain (domain\username)

User: lansweeper\administrator

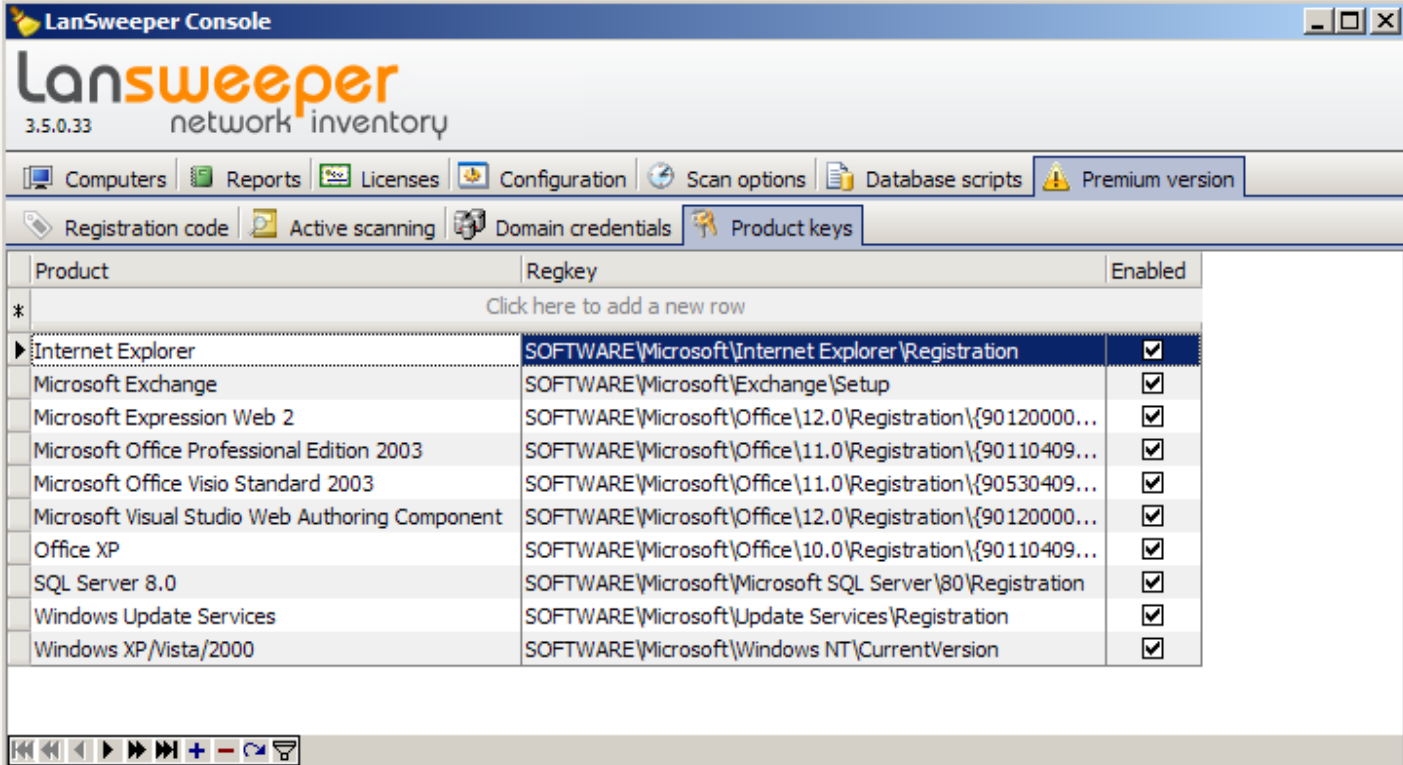
Password: *****

☐ Don't try to authenticate username\password

OK Cancel

If you want to use credentials from a computer that can not be verified (example: a dmz standalone computer) you can check the box "Don't try to authenticate username\password"

Premium only: Recover Microsoft product keys



LanSweeper Console
3.5.0.33 network inventory

Computers Reports Licenses Configuration Scan options Database scripts Premium version

Registration code Active scanning Domain credentials Product keys

Product	Regkey	Enabled
* Click here to add a new row		
Internet Explorer	SOFTWARE\Microsoft\Internet Explorer\Registration	<input checked="" type="checkbox"/>
Microsoft Exchange	SOFTWARE\Microsoft\Exchange\Setup	<input checked="" type="checkbox"/>
Microsoft Expression Web 2	SOFTWARE\Microsoft\Office\12.0\Registration\{90120000...	<input checked="" type="checkbox"/>
Microsoft Office Professional Edition 2003	SOFTWARE\Microsoft\Office\11.0\Registration\{90110409...	<input checked="" type="checkbox"/>
Microsoft Office Visio Standard 2003	SOFTWARE\Microsoft\Office\11.0\Registration\{90530409...	<input checked="" type="checkbox"/>
Microsoft Visual Studio Web Authoring Component	SOFTWARE\Microsoft\Office\12.0\Registration\{90120000...	<input checked="" type="checkbox"/>
Office XP	SOFTWARE\Microsoft\Office\10.0\Registration\{90110409...	<input checked="" type="checkbox"/>
SQL Server 8.0	SOFTWARE\Microsoft\Microsoft SQL Server\80\Registration	<input checked="" type="checkbox"/>
Windows Update Services	SOFTWARE\Microsoft\Update Services\Registration	<input checked="" type="checkbox"/>
Windows XP/Vista/2000	SOFTWARE\Microsoft\Windows NT\CurrentVersion	<input checked="" type="checkbox"/>

You can enable/disable Microsoft product keys you want scanned.
This list is extendable to add future product keys.

Premium only: Lstrigger - triggered scanning of computers.

```
C:\WINDOWS\system32\cmd.exe - lstrigger myserver lansweeper-001 lan

C:\>lstrigger

Lansweeper trigger client - http://www.Lansweeper.com
-----

Examples:
-----
lstrigger "servername" "computer" "domain"
Default port = 9524

lstrigger "servername" "computer" "domain" "port"

C:\>lstrigger myserver lansweeper-001 lansweeper
Lansweeper trigger client
-----
Connecting...
```

Use this tool to force/trigger remote scanning of a workstation from the command line.

Example:

```
lstrigger "servername" "computer" "domain"
Default port = 9524
```

```
lstrigger "servername" "computer" "domain" "port"
```

```
C:\>lstrigger myserver lansweeper-001 lansweeper
```

Change "servername" to the name of the server running your lansweeper service.

When you trigger a scan all information for this computer is rescanned regardless of the waittime set.

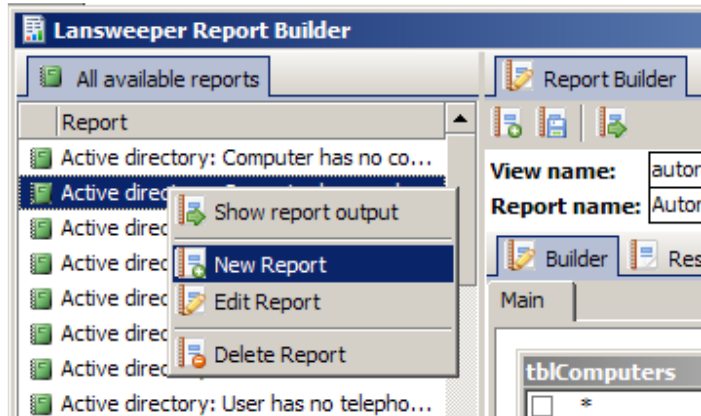
Lstrigger only works on computers that are already in the database.

Premium only: Using the report builder.

In this example we will create a sample report.

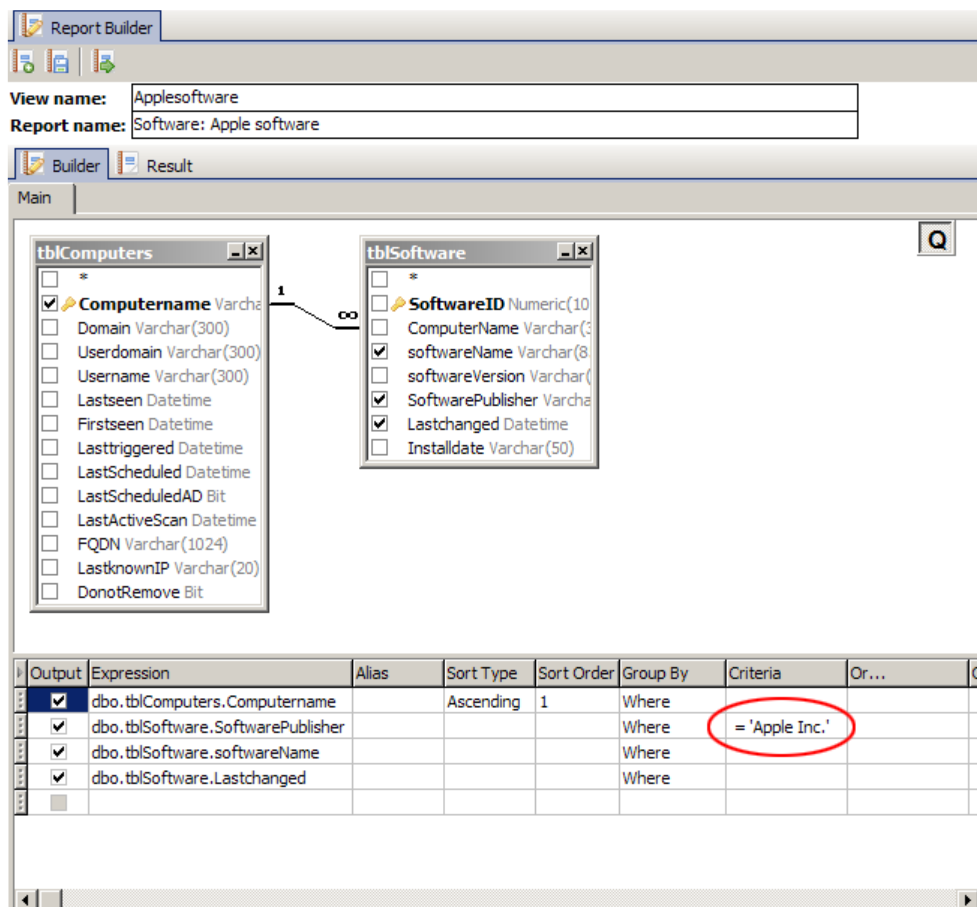
We want to display all software found in our network from the publisher "Apple Inc."

To create a new report right click on the report list and click "New Report"



Drag the 2 needed table "tblcomputer" and "tblsoftware" to the query builder and select the needed fields.

Let's filter out software only from "Apple Inc."



If you want to sort your report you will need to add the "TOP 100 percent" clause.

Output	Expression	Alias	Sort Type	Sort Order
<input checked="" type="checkbox"/>	dbo.tblComputers.Computername		Ascending	1
<input checked="" type="checkbox"/>	dbo.tblSoftware.SoftwarePublisher			
<input checked="" type="checkbox"/>	dbo.tblSoftware.softwareName			
<input checked="" type="checkbox"/>	dbo.tblSoftware.Lastchanged			
<input type="checkbox"/>				


```

Select Top 100 Percent dbo.tblComputers.Computernam
dbo.tblSoftware.softwareName, dbo.tblSoftware.Lastc
dbo.tblComputers.Computername = dbo.tblSoftware.Com
Inc.' Order By dbo.tblComputers.Computername
    
```

You can do this by right clicking en selecting "Properties"

Query Properties

SELECT

☒ Default
 ☐ DISTINCT
 ☐ ALL

☒ TOP

☒ PERCENT
 ☐ WITH TIES

☐ INTO

GROUP BY

☐ ALL

OK

Cancel

Let's save our report and give it a name:

View name:

Applesoftware

Report name:

All software from Apple

Our report is now available and can be exported to excel, XML, ...

All available reports

Report

- Active directory: User has no office file...
- Active directory: User has no telephon...
- Active directory: User has no title filled in
- All backup domain controllers
- All member servers
- All primary domain controllers
- All servers
- All workstations
- Software: Apple software**
- IPAutoconfiguration enabled (Clients)
- Services: Automatic update service not...
- Autorun: Acrobat reader
- Autorun: Bluetooth software
- Autorun: Ctfmon.exe
- Autorun: Google Desktop
- Autorun: iTunes

Report output

Software: Apple software

Export to Excel
Export to html
Export to XML
Export to text

Computername	SoftwarePublisher	softwareName
Indy074	Apple Inc.	Safari
Lsweeper020	Apple Inc.	QuickTime
Lsweeper020	Apple Inc.	Apple Mobile Device Support
Lsweeper076	Apple Inc.	Apple Software Update
Lsweeper076	Apple Inc.	QuickTime
Lsweeper076	Apple Inc.	Apple Mobile Device Support
Lsweeper076	Apple Inc.	iTunes
Marketing-199	Apple Inc.	Apple Software Update
Marketing-199	Apple Inc.	QuickTime
Sweeper-141	Apple Inc.	iTunes

You can also add the report to the web interface.
You need the management console to configure this.

All available reports
Digital dashboard
Software
Hardware
Server
General

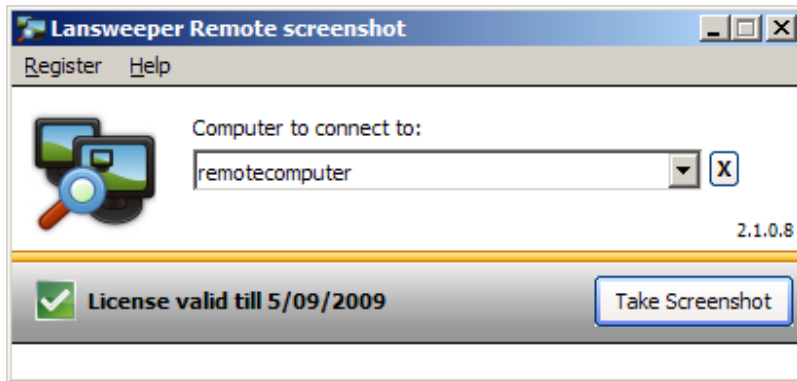
Report	Sort order	Priority	Color	Show %
* All software from Apple	1000	3		
All software from Apple	20	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
IPAutoconfiguration enabled (Clients)	30	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AVG antivirus installed	35	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Computer description empty	36	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Blank administrator password	37	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Color Depth < 16bits	38	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Computer model by vendor	2	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Non-default tcp/ip databasepath	47	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Not latest Service Pack YP	48	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>



Informational

<input checked="" type="checkbox"/> All installed software	3204	
<input checked="" type="checkbox"/> AVG antivirus installed	1	0,10%
<input checked="" type="checkbox"/> Symantec Antivirus installed	1	0,10%
<input checked="" type="checkbox"/> All Microsoft software	442	
<input checked="" type="checkbox"/> All software from Apple	10	

Premium only: Remote screenshot - see what's on a remote computer screen.



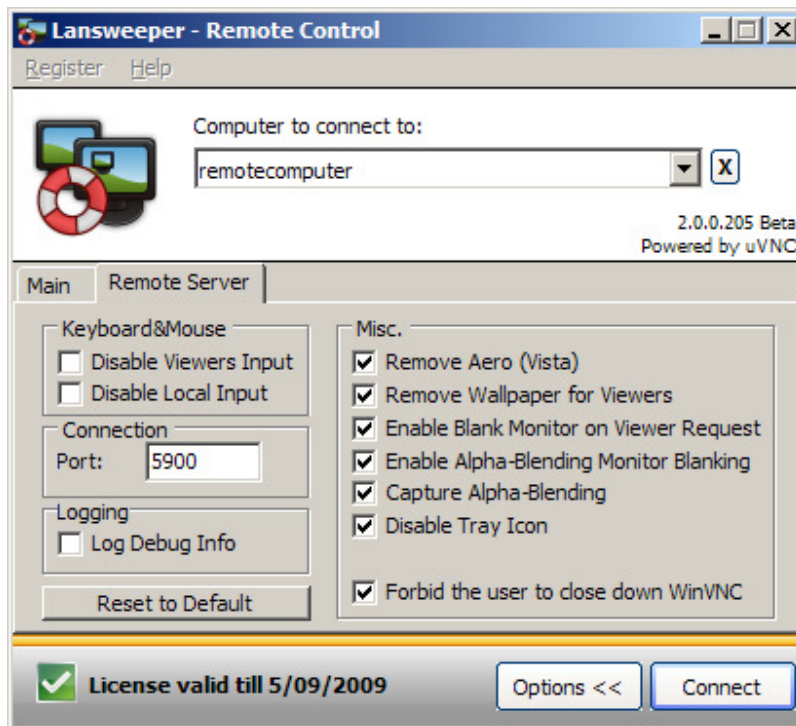
- Client requirements : Windows 2000 or higher
- **No need to install software on the client.**
- Both machines should be in trusted domains.
- The user should have administrative privileges on the client.
- TCP ports 139, 445 should be open on the server from the client.
- The "Server" service should be running on the target machine.
- The "Remote registry" service should be running on the target machine.
- The Default shares should be available on the client (C\$, admin\$)

You can also use this program from the command line or from the action screen.

Usage:

screengrab.exe {computer}

Premium only: Remote control - Take remote control of your workstations by pushing VNC.



Remote control the screen of your workstations to give them remote support.

The free VNC service is automatically pushed to the client on first use.

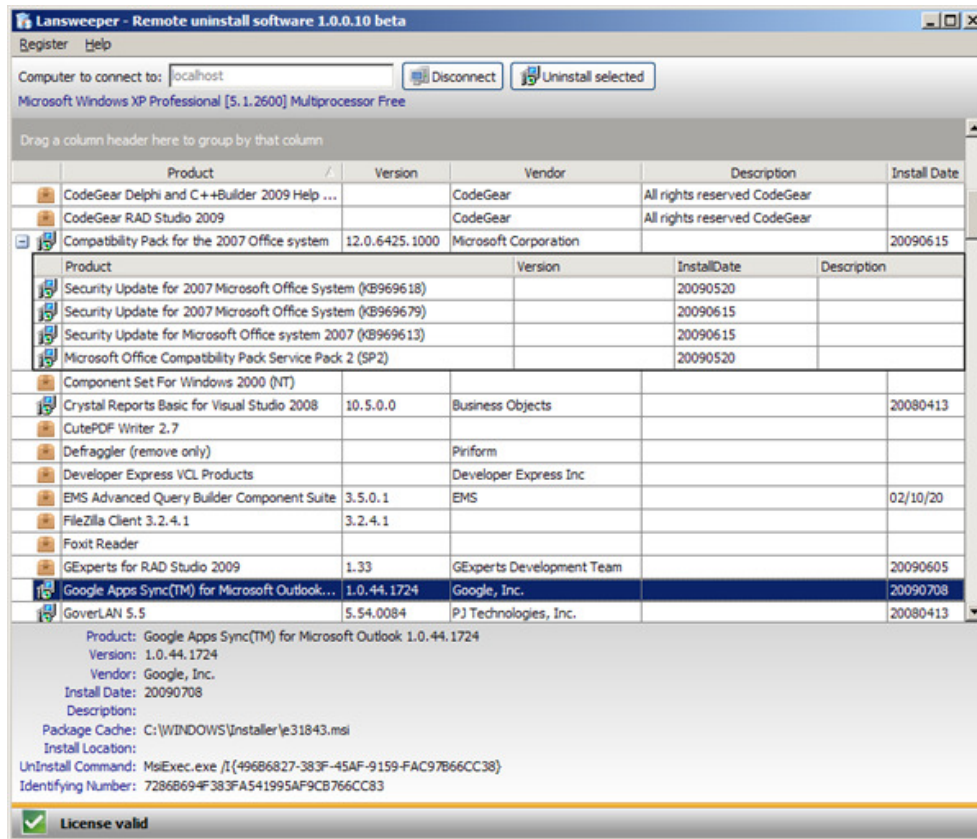
- Client requirements : Windows 2000 or higher
- **No need to install software on the client.**
- Both machines should be in trusted domains.
- The VNC service is pushed to the client and removed after the remote control session.
- The user should have administrative privileges on the client.
- TCP ports 139, 445 and 5900 should be open on the server from the client.
- The "Server" service should be running on the target machine.
- The "Remote registry" service should be running on the target machine.
- The default administrative shares should be available on the client (C\$, admin\$)

You can also use this program from the command line or from the action screen.

Usage:

lsremote.exe {computer}

Premium only: Remote software uninstall – list and uninstall software on remote computers.



You can also use this program from the command line or from the action screen.

Usage:

remoteuninst.exe {computer}

The only requirement is WMI and administrative rights on the remote computer.

There are 3 types of software:

MSI packages:

These are uninstalled by the MSIexec command.

Adding the /QN /NORESTART parameters makes the uninstall invisible to the remote users.

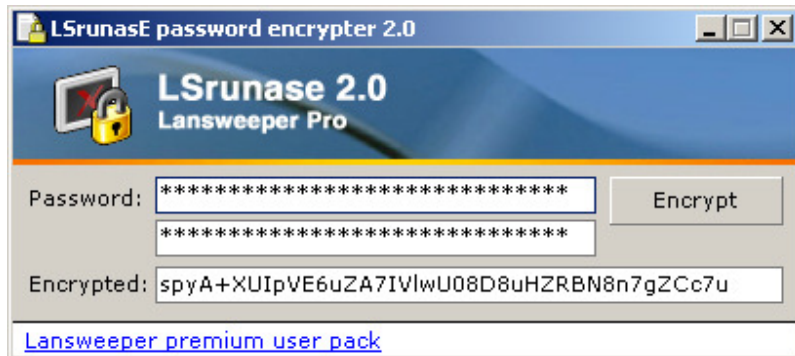
Other installers:

They might have optional parameters to run the uninstall hidden but this depends on the software and is not always available.

Not allowed to remove:

Some software is not allowed to be removed by the software vendor because it will most likely break windows functionality.

Premium only: Lsrunase : encrypted runas tool.



LSrunase 2.0 can be used to run a command using another user account and passing the password as a parameter.

Parameters:

- 1e parameter: specifies the username
- 2e parameter: specifies the domain
- 3e parameter: specifies the encrypted password
- 4e parameter: specifies the command
- 5e parameter: specifies the optional parameters

Examples:

lsrunase administrator Mydomain vA0j26NYqfc= notepad.exe

lsrunase administrator Mydomain vA0j26NYqfc= "C:\Program Files\Internet Explorer\iexplore.exe"

lsrunase administrator Mydomain vA0j26NYqfc= "C:\Program Files\Internet Explorer\iexplore.exe"
"http://www.google.be"

Premium only: Supercrypt : enhanced encrypted runas tool.



Supercrypter 2.0 makes encrypted .lsc files based on your input

In this example we make the notepad.lsc file to start notepad with administrator privileges.

You can then use these encrypted .lsc files with Supercrypt to run the chosen program using the chosen account.

The executable variable makes sure that only the intended program can be run as administrator. The technique for doing this is calculating the MD5 hash value of the executable (in this case notepad.exe).

Supercrypt makes sure that the user can only run the program it was intended to run!

Supercrypt has the following parameter:

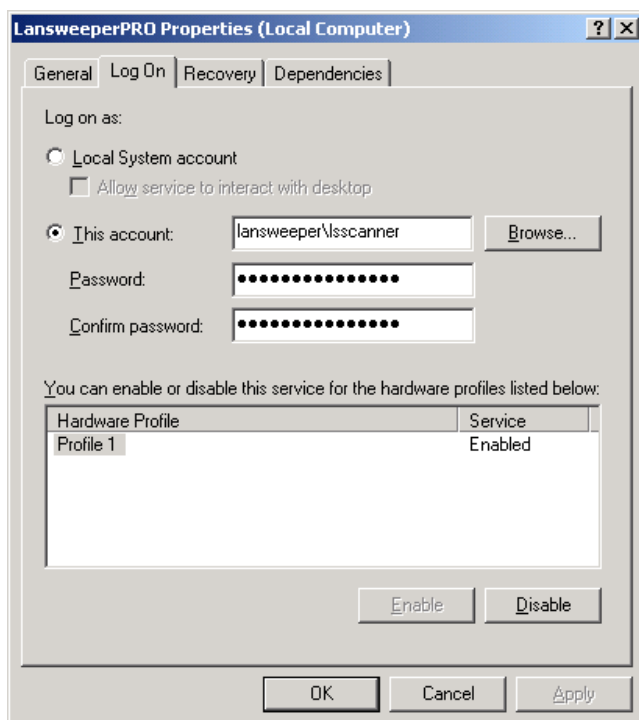
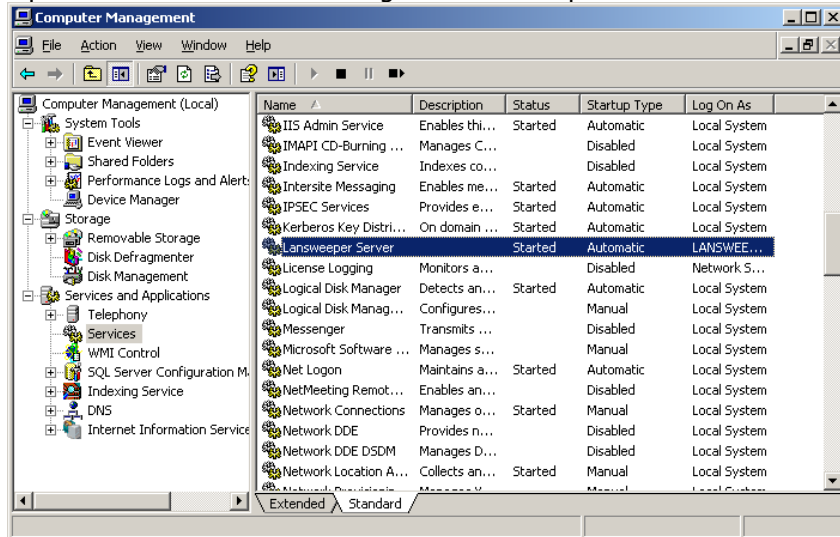
1e parameter : specifies the .lsc file (create the file with SupercryptER)

Example:

supercrypt "c:\notepad.lsc"

(optional) Changing the service account

Open the services MMC and go to Lansweeper Server service



Retype the password 2 times and click "Apply"

