True Last Logon 4

Thank you for using True Last Logon 4!

This document contains information to help you get the most out of True Last Logon. Look here first for answers and to get started.

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True Last Logon 3 by Dovestones Software Ltd

Quick Introduction

With True Last Logon you can clean up your Active Directory by easily identifying unused or obsolete user and computer accounts based on their true last logon time and account status. You can use the built-in scheduler to run scheduled reports, perform actions such as disabling accounts, removing the user from sensitive groups etc.

System Requirements

Microsoft .Net 4.0 Framework
Microsoft Windows XP, Vista, 7, 8, 8.1, 2003, 2008, 2008 R2, 2012 and 2012 R2

Main features

- Accurately locate the last time users and computers were used.
- Detailed account status
- Automate reports and bulk changes
- Built-in scheduler
- Powerful bulk administration tools
- Move, Delete or Disable redundant accounts
- Command line operation
- Email, print or export reports
- No server components or agents to install
- No changes to Active Directory required

Installing True Last Logon

Files installed by True Last Logon

Program executable: TrueLastLogon.exe

Name: True Last Logon

True Last Logon 3

Path: C:\Program Files (x86)\Dovestones Software\True Last Logon

MD5: 6ba4ebe968d7833e4b73f10a7dd731d3

Upon being installed, the software adds a Windows Service, which is designed to run continuously in the background. The primary executable is named TrueLastLogOn.exe

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Install True Last Logon

> **Note:** Ensure that you have necessary privileges to install and run the product

By default True Last Logon will be installed as an application, run the self-extracting EXE and follow the instructions.

- To continue with the Startup Wizard, click **_Next_**.
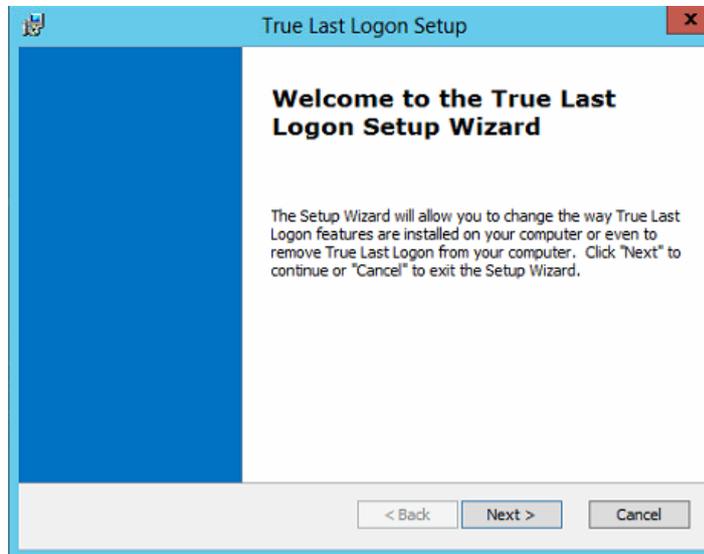
Follow the prompts. A progress bar shows you how long it will take to install True Last Logon.

Remove True Last Logon

You can uninstall True Last Logon from your computer by using the Add/Remove Program feature in the Windows Control Panel.

- On the Start menu (for Windows Server 2012, right-click the screen's button-left corner), click Control Panel.

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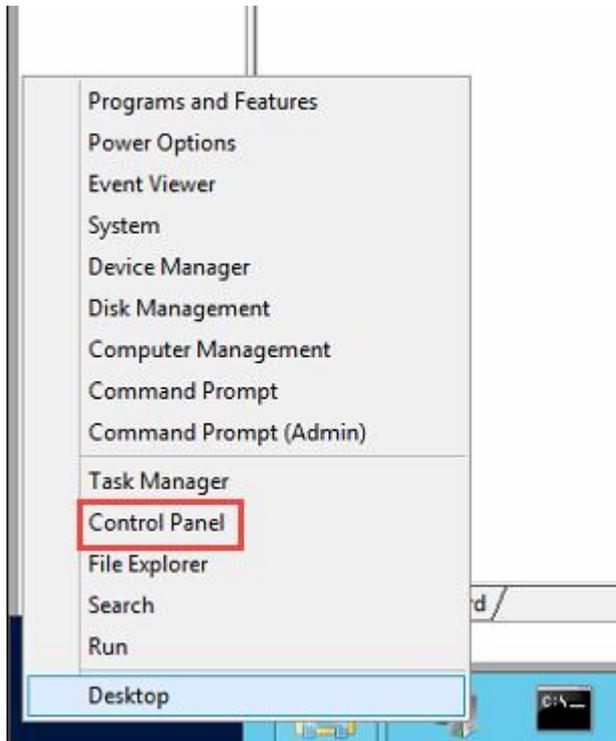
- and then, under Programs, Click Uninstall a Program:

- When you find the program True Last Logon, click it, and then Click Uninstall.
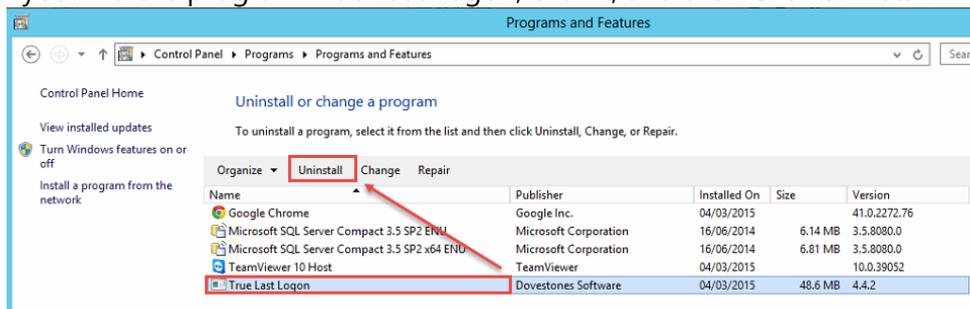
Follow the prompts. A progress bar shows you how long it will take to remove True Last Logon.

Getting Started

When running True Last Logon for the first time you will want to select your domain and choose which domain controllers to query.

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1. Click the Domain Query button in the ribbon and select a Domain you want to query. When you click the domain you will see a list of DCs discovered in your domain, by default allo domain controllers will be queried, this will get you the most recent logon time and makes sure you get the values that are not replicated to all DCs. However you may not want to query certain DCs (if they are across a slow link for example), in this case select the DCs you want to query and then click OK.
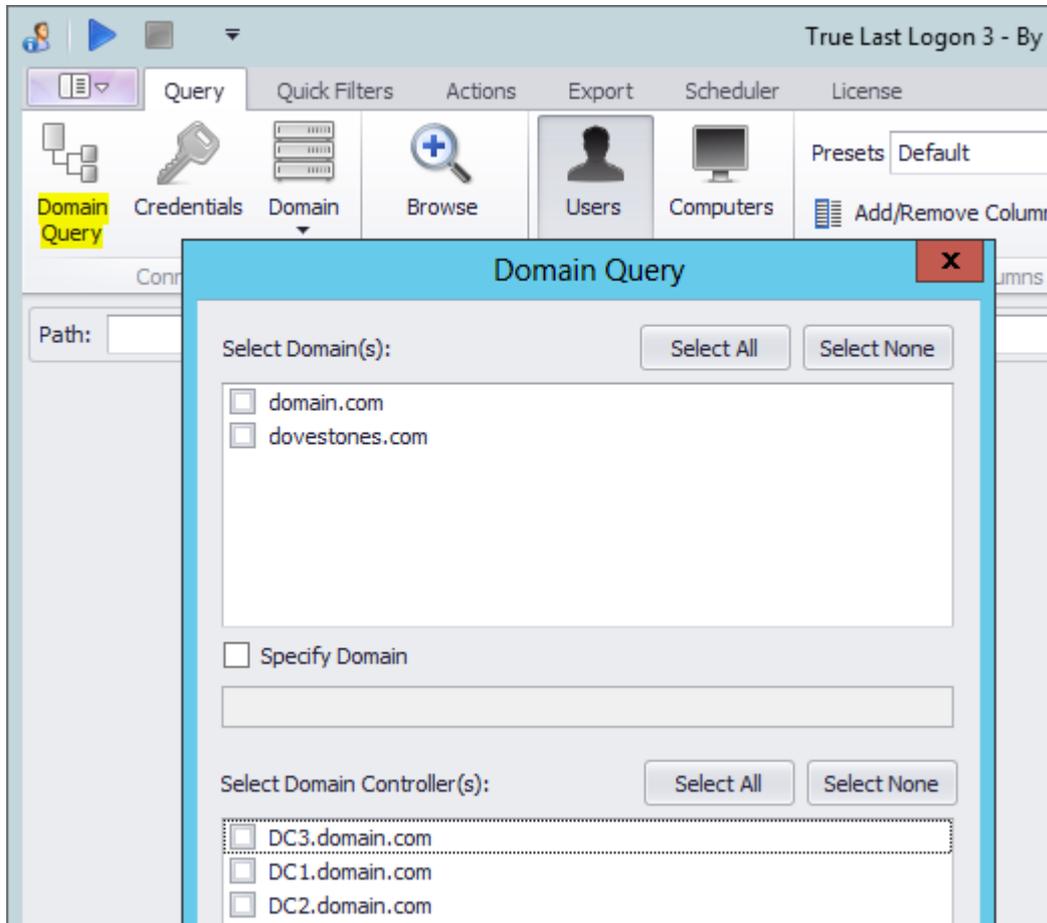
2. When you have selected the domain and DCs to query click the Credentials button to specify the credentials to use for the connection. Unless specified the connection is made using the credentials of the currently logged user.

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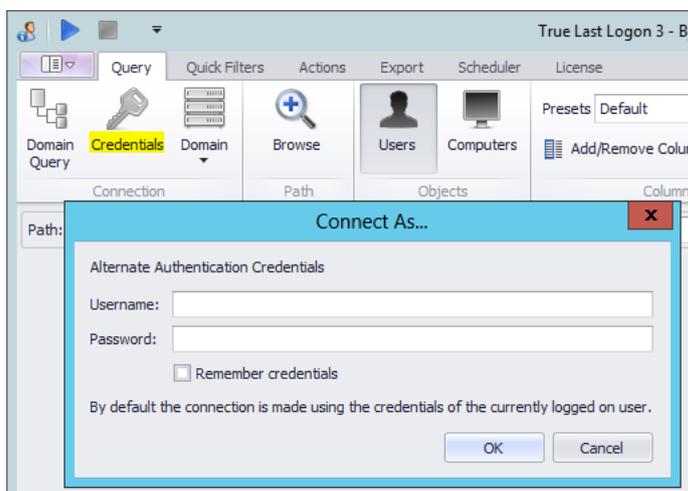
3. Click the Domain button in the ribbon to switch between domains.
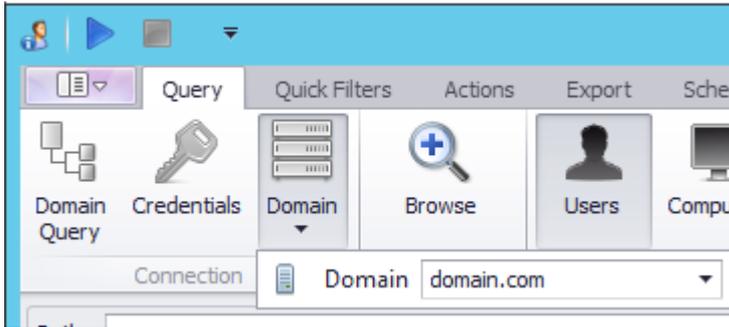
4. Click the Browse button in the ribbon to see your domain tree, check Organizational Units (OUs) or Groups to query and then OK. Paths to query will be listed below the tree. Details of the users or computers found in the selected OUs or Groups will be displayed in the main grid after we click the Start button.
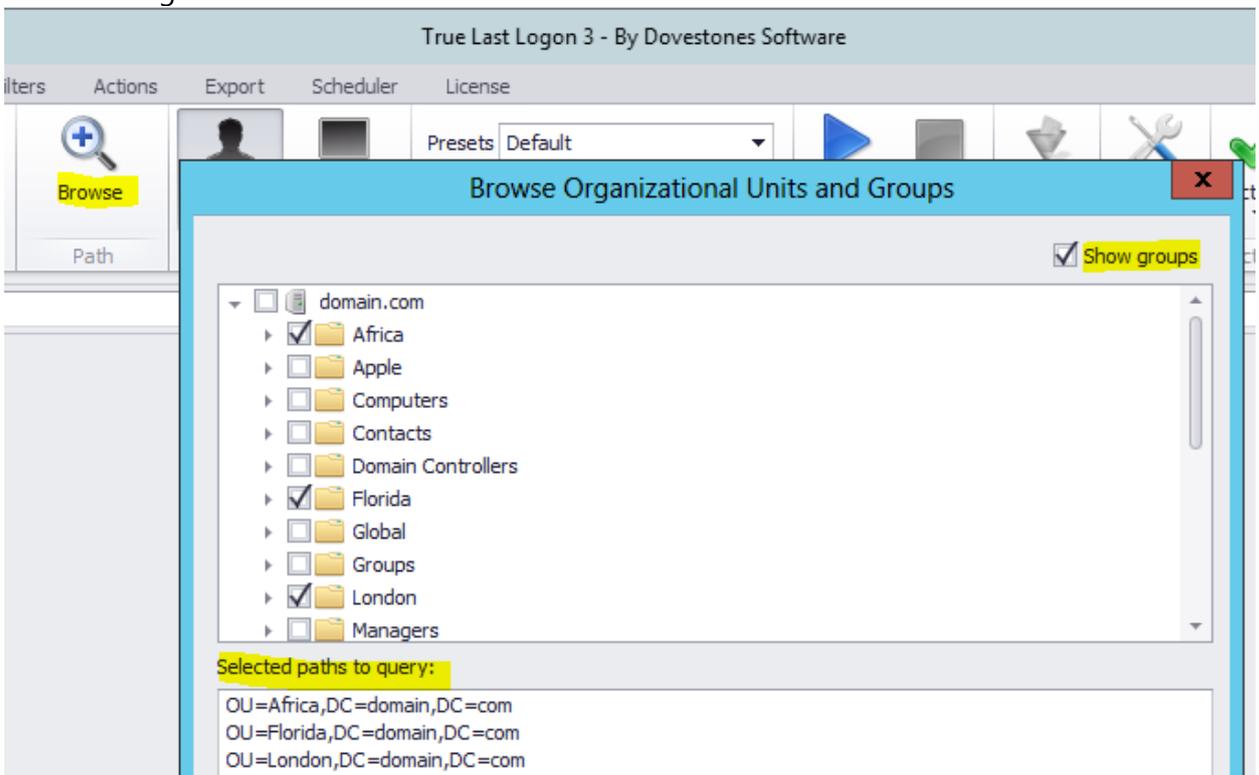
Columns and Attributes

By default the values of certain attributes are retrieved such as sAMAccountName (username), lastLogon, accountExpires etc. You can add additional attributes/columns that you want to display by clicking the Add/Remove Columns button. You can create your own preset groups to help with different reports. These presets can be used in the Scheduler.
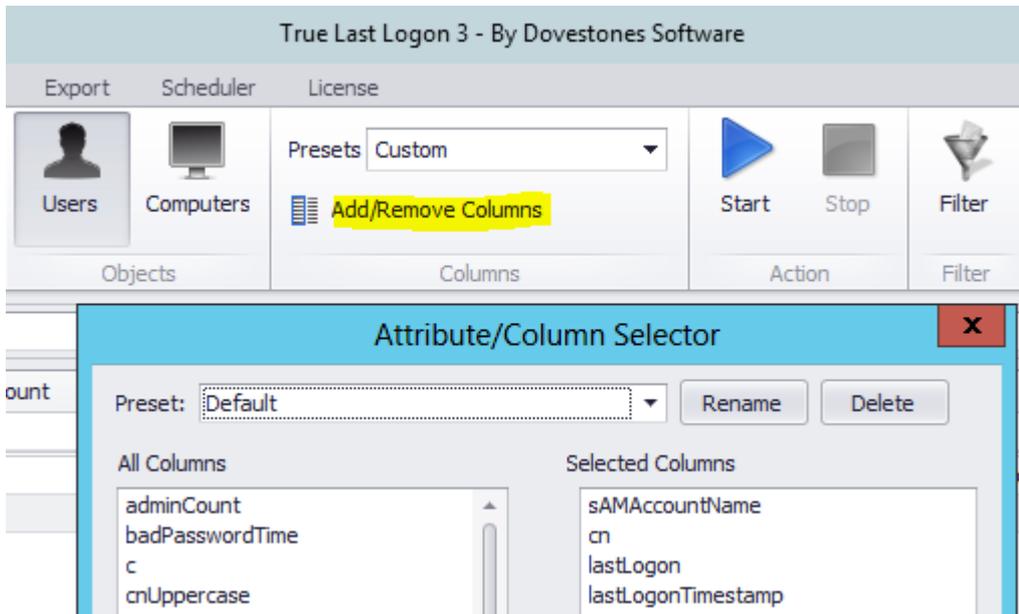
Starting a query in True Last Logon

When you have selected the domain(s) that you wish to target and chosen the OUs/Groups to query you can run the query by clicking the **Start** button.
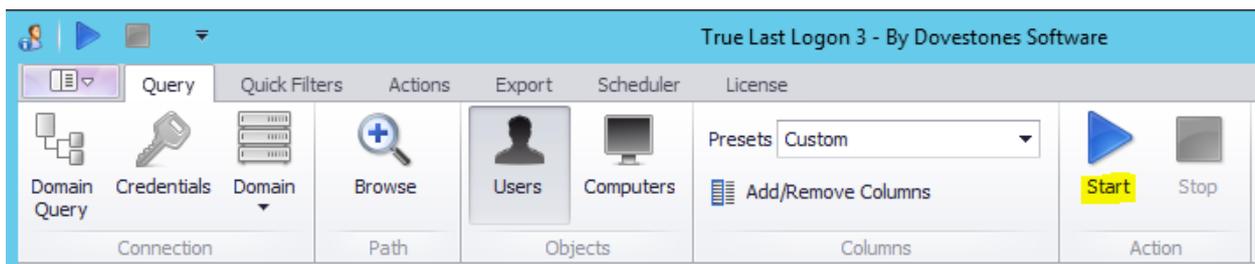
Filters

Quick filters allow you to further filter the objects appeared in the True Last Logon board.
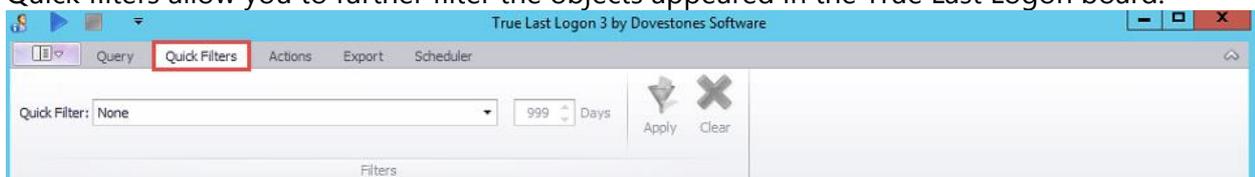
By default, True last logon contains thirteen Quick filters:

1. None
2. Account that have not logged on in the last (**Filter days**)
3. Accounts that have logged on in the last (**Filter days**)
4. Accounts that have never logged on
5. Account with password that expire in less than (**Filter days**)
6. Accounts with password that expire in more than (**Filter days**)
7. Accounts with non-expiring password
8. Accounts that expire in the next (**Filter days**)

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9. Accounts that have expired
10. Locked accounts
11. Unlocked accounts
12. Disable accounts
13. Enable account

You can set also the days [999 ▲▼ Days] for some filter, so you will be able to track:

- Accounts that have not logged or that have logged for a certain period of time.
- Accounts with password that expire in less or more than days.
- Accounts that are set to expire in the next days.

Edit Filter

Each query has a list of parameters that determine which objects that query will find. Each parameter consists of the following: An attribute, an operator, and a value. An example of a parameter for a User query could be: "Disabled accounts" and this would obviously only return Users accounts that are disabled. In this example, the attribute is the "Enable" attribute, the operator is the "Equals" and the value is "☐" (check/uncheck the box for enable/disabled accounts).
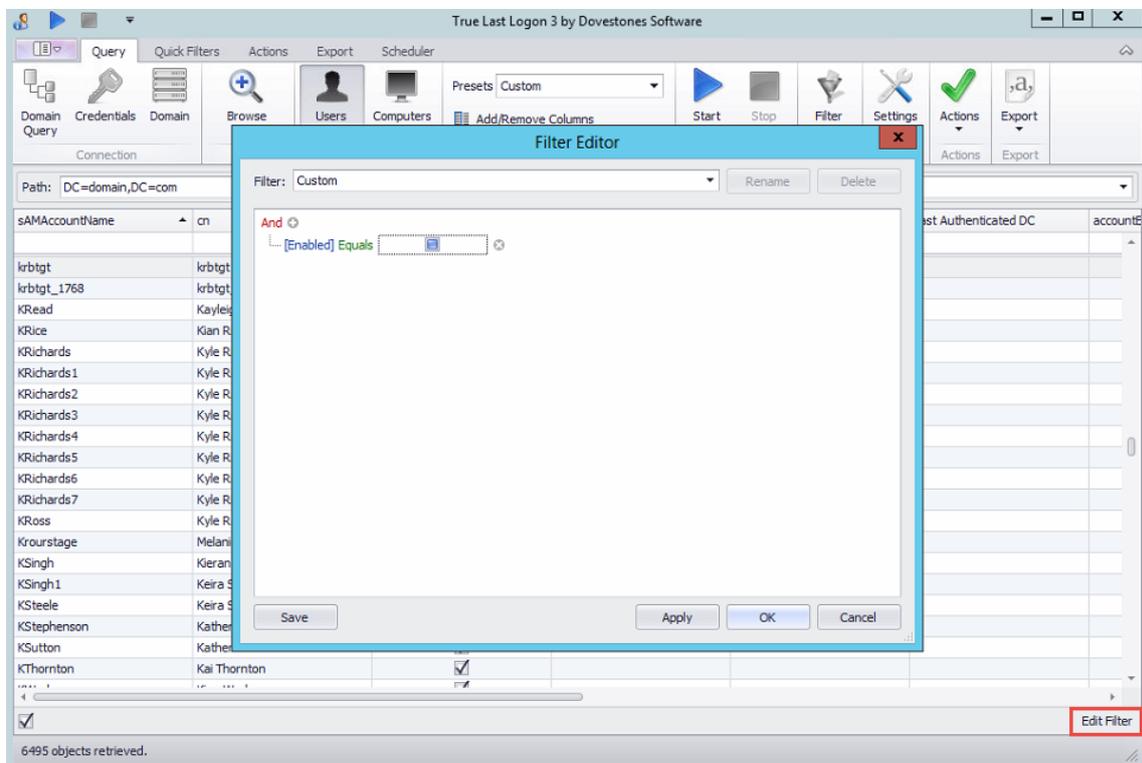
Filter editor can be customized to meet specific conditions that results from a query. A conditions has one more clauses, each enclosed in parentheses. Each clause evaluates to either True or False. A syntax filter clause is in the following form: **<AD Attribute><comparison operator><value>**

Logical operators

Logical operators are used to create logical combinations of other filter operators. They may be nested to any depth. The following logical operators are available:

- <And>
- <Or>
- <Not And>
- <Not or>
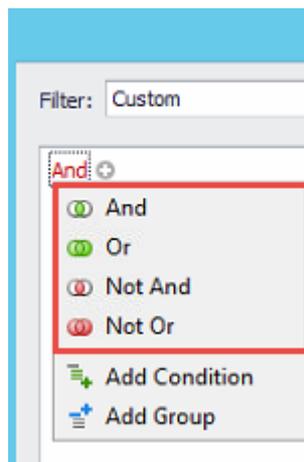
The content for <And> and <Or> is two filter operator elements. The content for <Not> is a single filter operator element.

Condition

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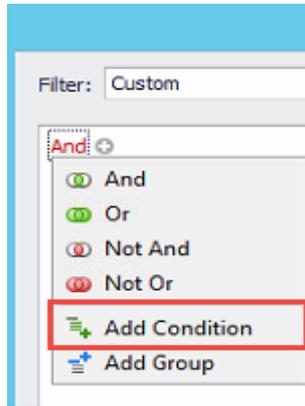
You can combine two or more conditions to build complex queries. You can use the AND and OR operators into a compound condition. AND, OR and NOT, are logical operators. When you use multiple logical operators in a compound condition, NOT is evaluated first, then AND, and finally OR. Operator's important characteristics are:

- AND connects two conditions and returns true only if both conditions are true
- OR connects two conditions and returns true if either condition is true or if both conditions are true
- Unlike AND and OR, NOT does not connect two conditions. Instead, it negates (reverse) a single condition.

Group

By grouping query clauses, you specify that those clauses should be evaluate as a single unit within the rest of the query, similar to putting parentheses around an expression in a mathematical equation or logical statement.
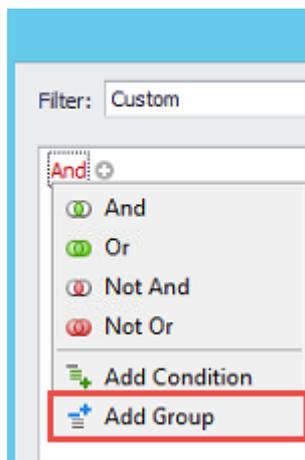
Add/Remove Columns

True Last Logon 3 by Dovestones Software Ltd
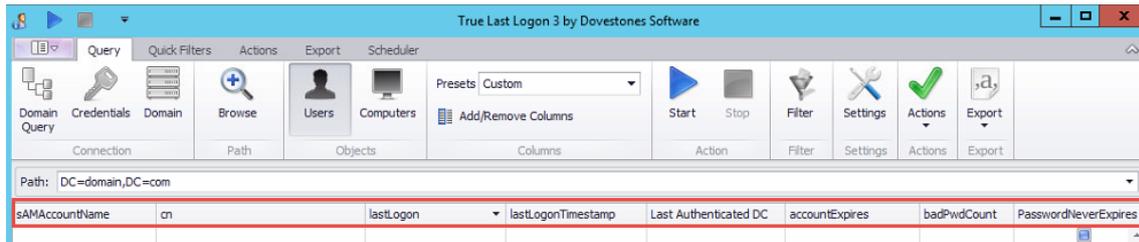
To change the display, selects add/Remove Columns. In the Add/Remove Columns dialog box, there is a list of columns to choose from to display in the result pane.
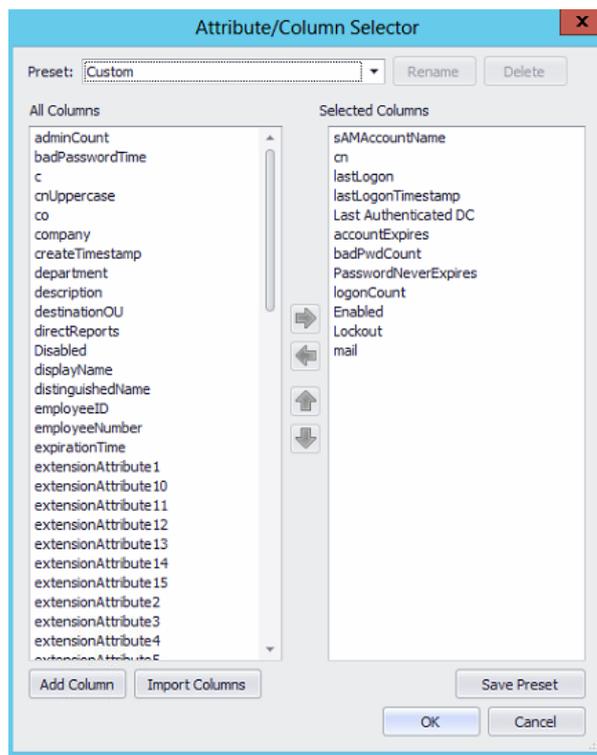
Add Column: Can be configured to display operational attributes that are not shown by default.

Import Columns: Can be used to select properties to import from a domain controller

Save Preset: Save the current selected view giving ID and Name

Access toolbar command

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True last logon, is made by **one** options tab and **five** tabs. As we have already seen the **Query** tab and the **Quick Filters** tab in the previous steps, let us now review the **Actions** tab.
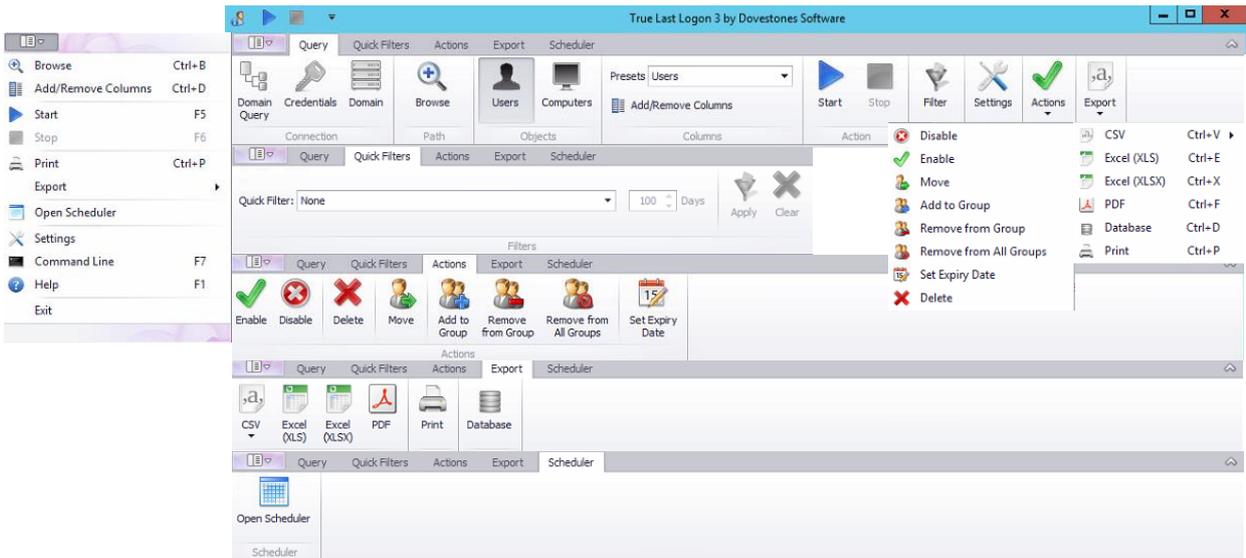
Actions Tab

The actions pane contains a set of commands for the most important use of True Last Logon. This panel can be quickly accessed by clicking the **Actions** tab in the grey bar panel or by clicking the icon located in the query tab section.
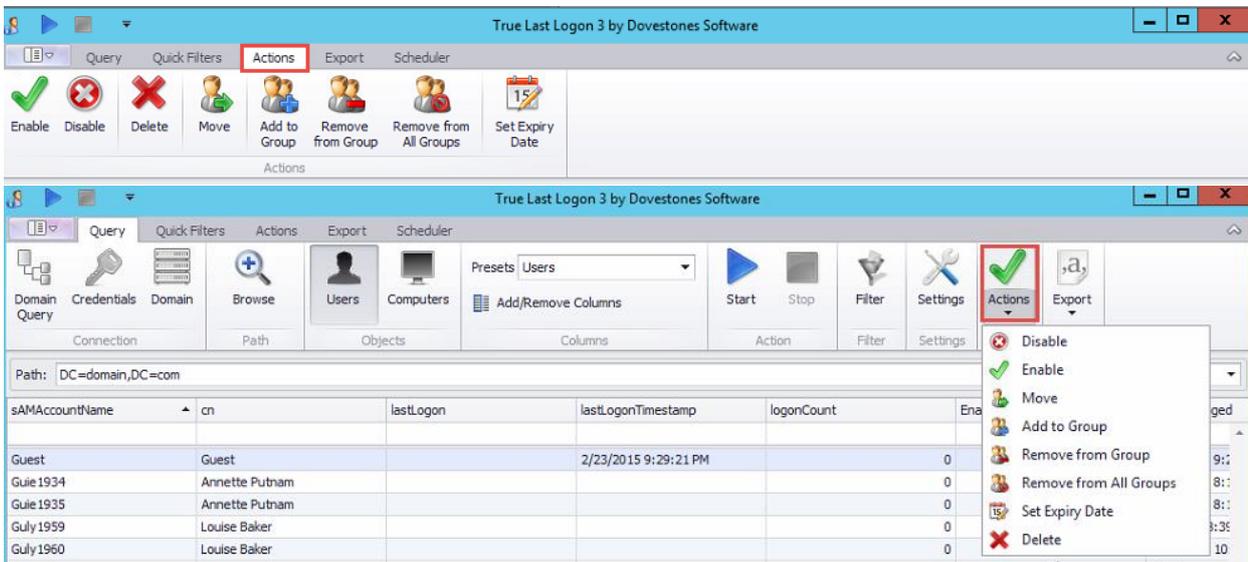
Eight actions can be performed in this tab, let us review section by section.

Enable/disable accounts

In the details pane, right-click the use or just Click Enable/disable from the toolbar **Actions** menu. Depending on the status of the account, do one of the following:

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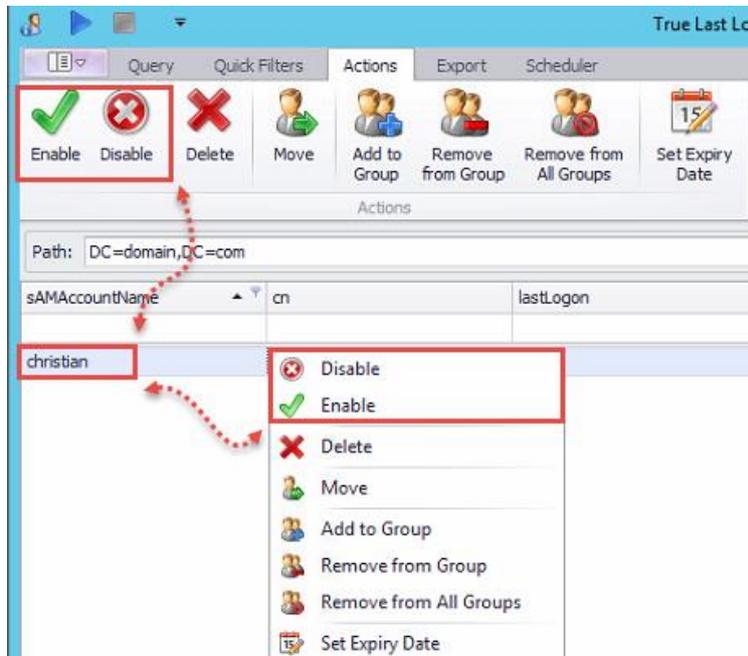
- To disable, click Disable Account. Click yes to confirm.
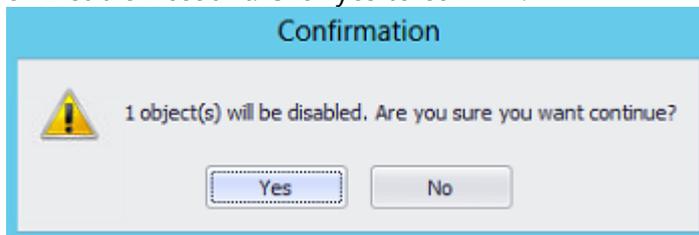
- To enable, click Enable Account, Click Yes to Confirm.
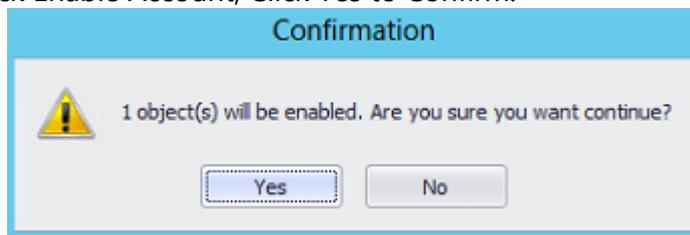
Delete

In the details pane, right-click the user account or just click **Delete** from the toolbar **Actions** menu, and then click **Delete**.

True Last Logon 3 by Dovestones Software Ltd
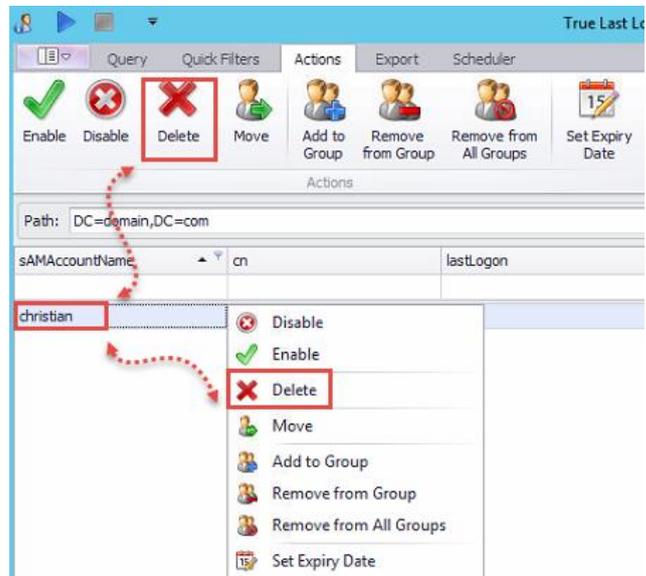
- Click yes to confirm.
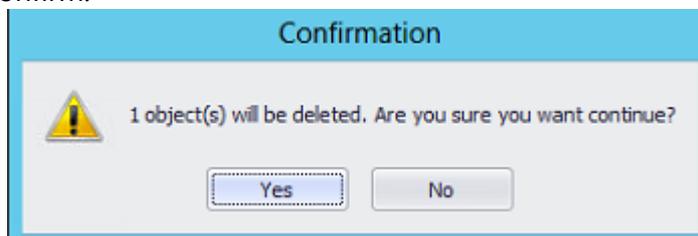
Move

In the details pane, right-click the user that you want to move, and then click **Move**. In the **Move** dialog box, click the folder to which you want to move the user account.
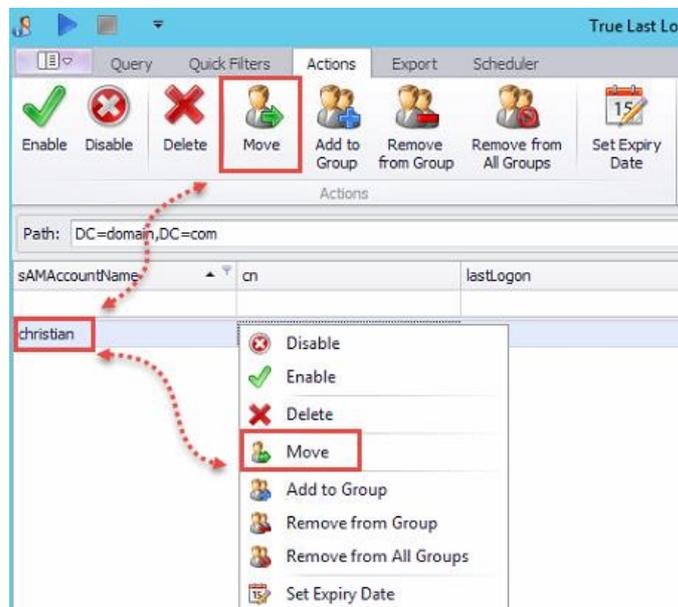
In the ***Move*** dialog box, click the folder to which you want to ***Move*** the user account.

True Last Logon 3 by Dovestones Software Ltd
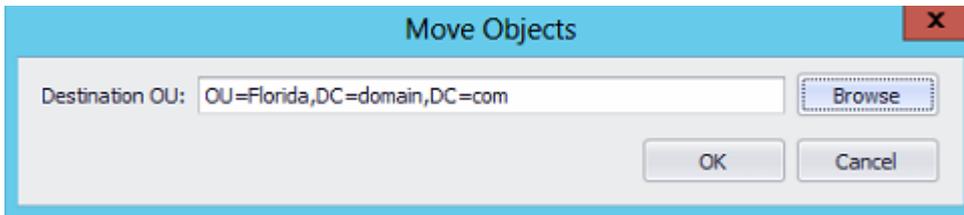
- Click **Yes** to **Move** the user to another folder.
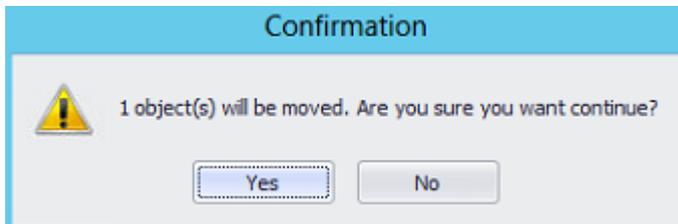
Note: To perform this procedure, you must be a member of the Account Operators group, Domain Admins group, or Enterprise Admins group in Active Directory Domain Services (AD DS), or you must have been delegated the appropriate authority. As a security best practice, consider using Run as to perform this procedure.

Add to Group, Remove from Group and Remove from All Groups

In the details pane, right-click the User you want to Add or just clicking the equivalent command from the toolbar actions menu. On the Members tab, click Add/Remove
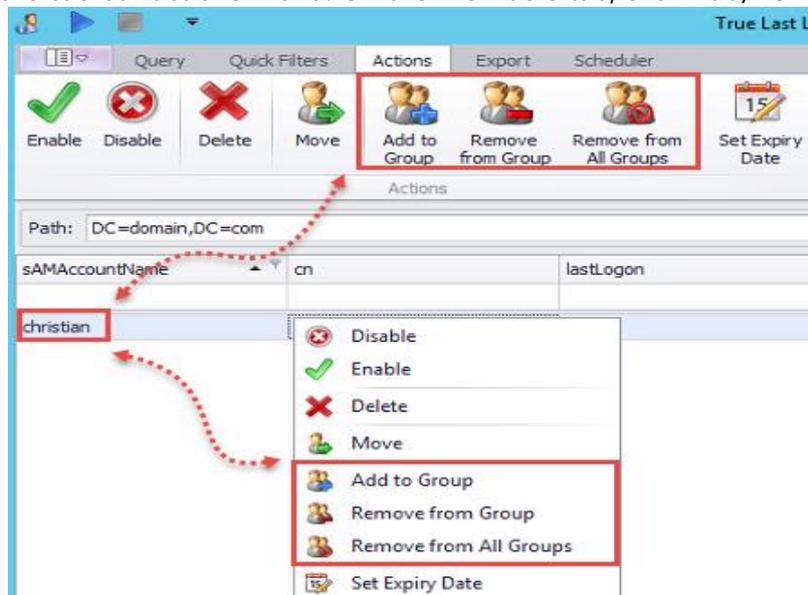
In enter the object names to select, type the name of the group, or computer that you want to add/Remove to the group, and then click OK.

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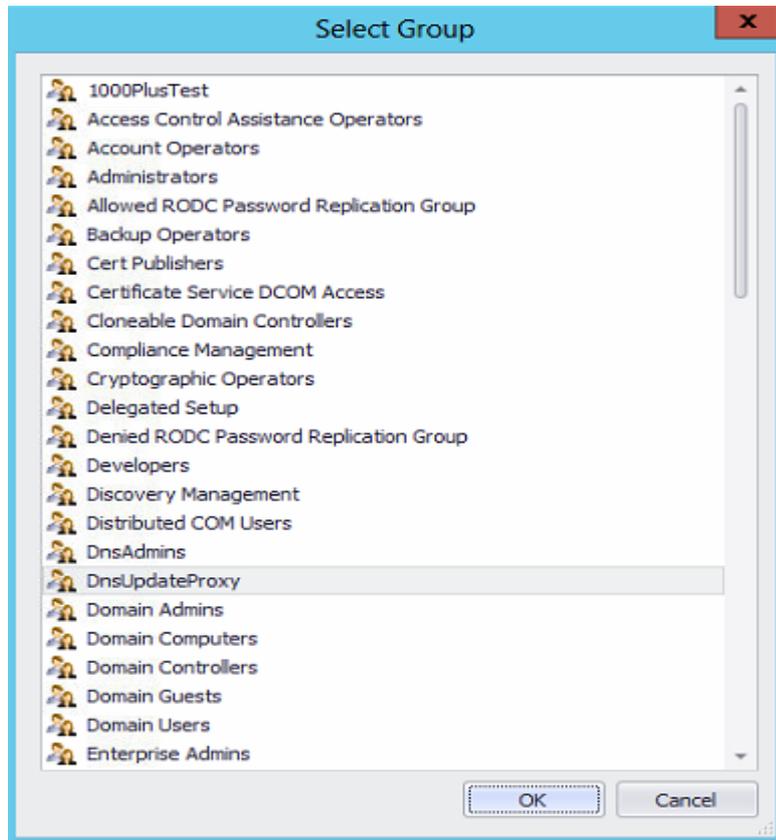
- Click yes to add the user to the group.
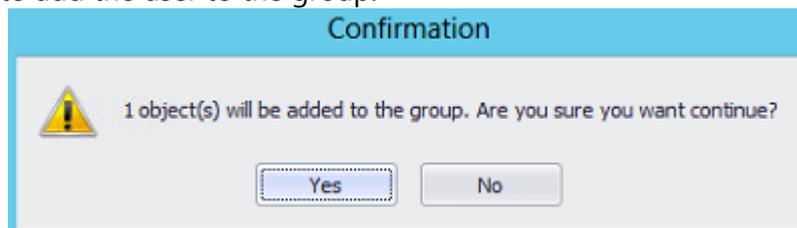
- Click yes to remove the user to the group.
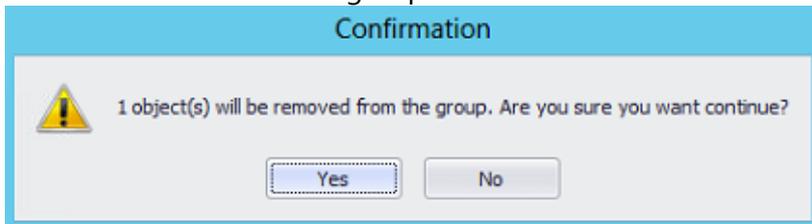
- Click yes to remove the user from all groups.
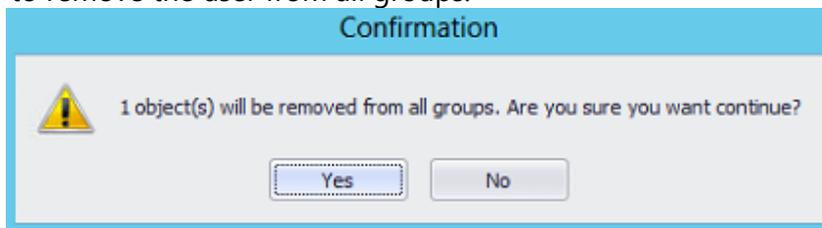
Note: To perform this procedure, you must be a member of the Account Operators group, Domain Admins group, or Enterprise Admins group in Active Directory Domain Services (AD DS), or you must have been delegated the appropriate authority. As a security best practice, consider using Run as to perform this procedure.

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Set Expire Date

In the details pane, right-click the User you want to set the expiration time or just Click Set Expiry Date from the toolbar **Actions** menu. To specify an exact time, just specify the period from the current time.
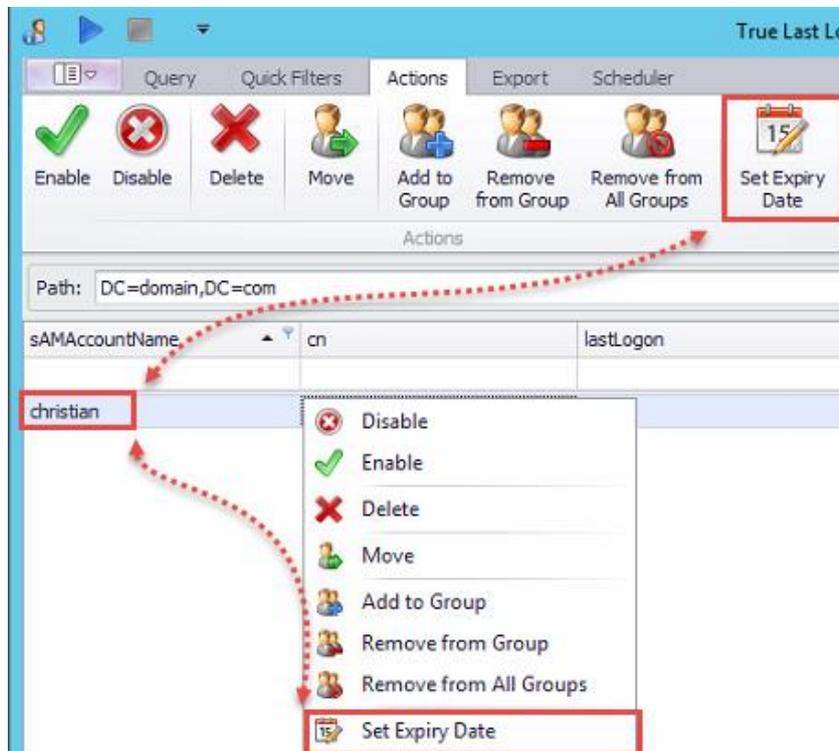
- Sets the expiration date for an Active Directory account.
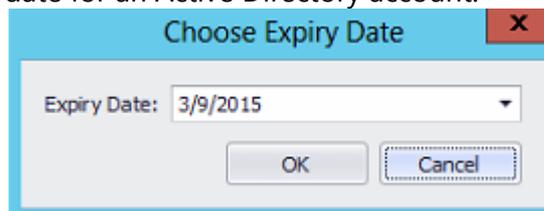
- Click Yes to confirm the account expire at the end of a specific day.

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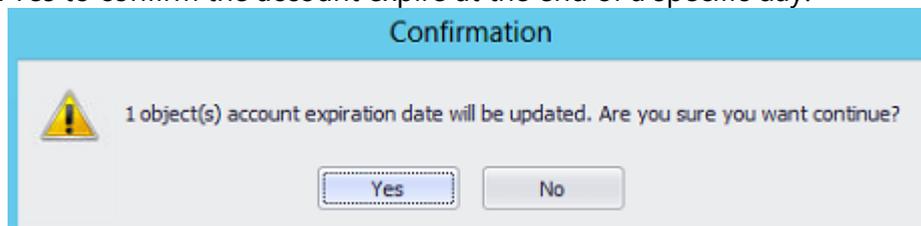
Export Tab

True Last Logon reads the Users/Computers from Active Directory, then you can export these objects to a data source such as a CSV file, Excel (XLS and XLSX), PDF, database (SQL Server and Microsoft ODBC for Oracle) or print.
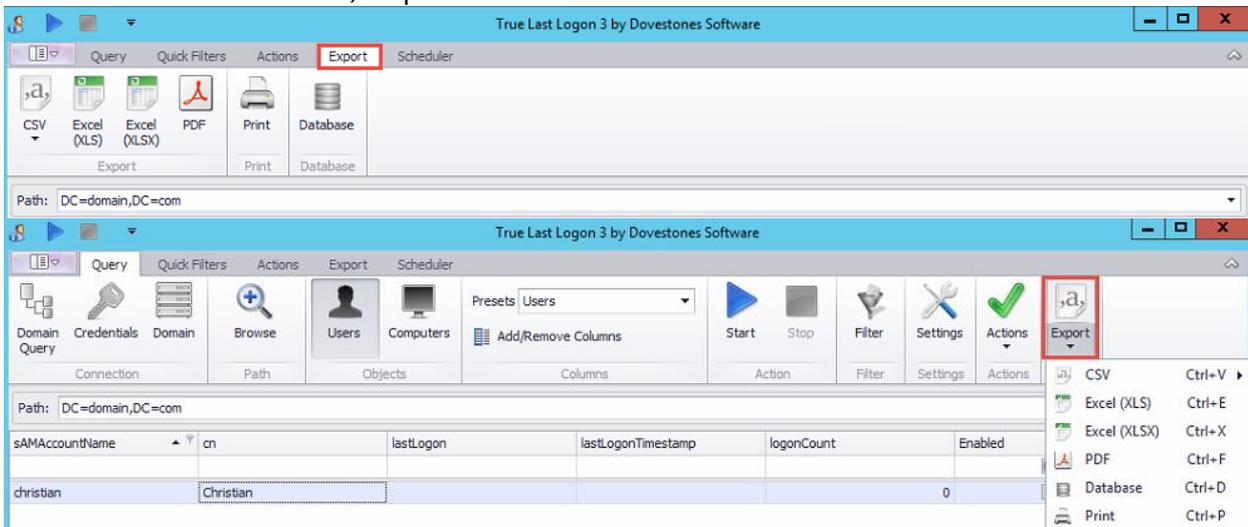
Scheduler Tab

Using the Scheduler feature of True Last Logon you can schedule various Actions to run automatically at predefined intervals. Scheduler are often used to automatically add or remove AD objects from groups, send e-mail notifications, clean inactive user and computer accounts from Active Directory, move objects between OUs based on certain policies, etc.
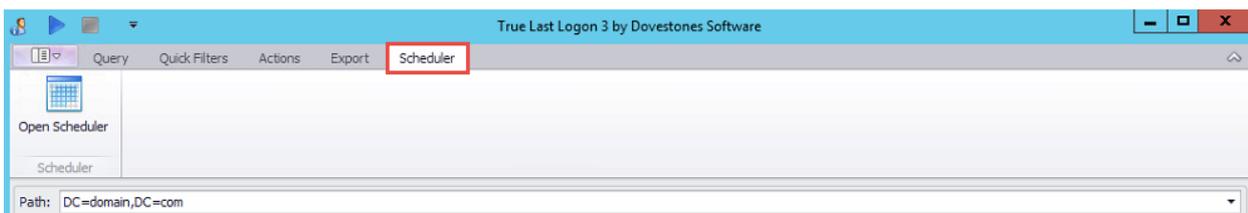
Configuring a Scheduled Task item

When setting up a task, first decide what will trigger that task to start. A trigger is a set of criteria that, when met, starts the execution of a task. You can use a time-based trigger or an event-based trigger to start a task. Each task can contain one or more triggers, allowing the task

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to be started in many ways. If a task has multiple triggers, the task will start when any of the triggers occur. Click the New Schedule tab, and start the wizard for the task.
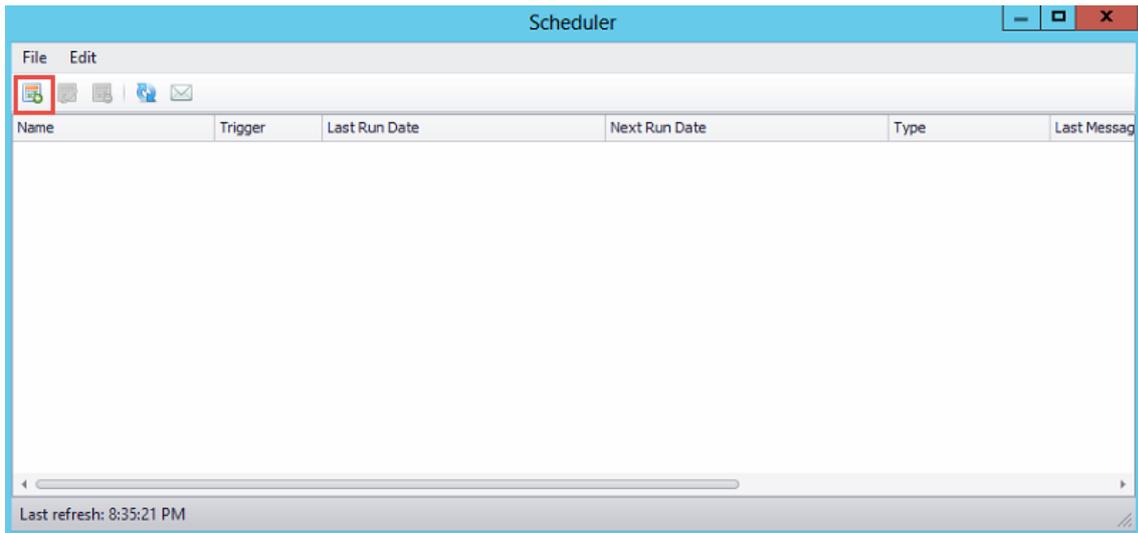
- Enter the name for the new Scheduled Task, and click **Next**.

- On the **Trigger Type** and **Once Trigger** page, you need to define the time or time interval at which the task must be run. Select the desired time or time interval and click **Next**.

- Select your Schedule Type.

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- On the query Information page, you need to select the OUs and choose the type of Active Directory objects, on which the new Scheduled Task will be executed. The Scheduled Task will be executed on all objects of the chosen type included in the activity scope of the task. If you want the Scheduled Task to be performed on user objects, leave **Users** in the **Objects** type, and click **Next**.

- At the next step, you need to specify which actions the task will perform when it is executed. To add an action: Click the Add Action button. Select the action you need in the list.

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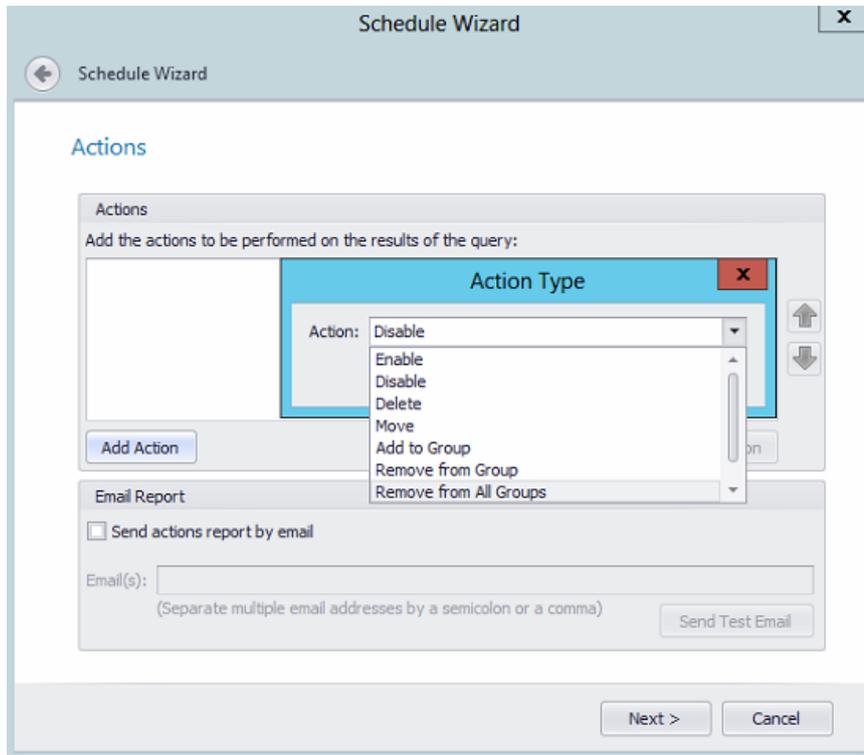
- When finished, Click OK. To add other actions, Click Add Action in the context menu. Actions are executed sequentially according to their order in the set. Click ⬆Move Up and ⬇Move Down buttons to move the selected action up or down in the chain of execution.

You can also automatically send actions report by email. Email report allow you to select specific reports to be send to you at regular intervals.

- If you want to send an **Email report** select **Send Actions Report by Email.**
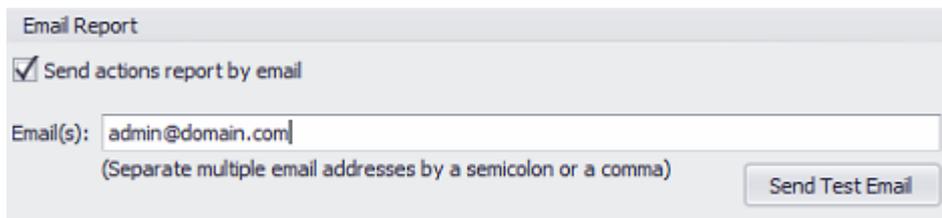
After you have completed your **Scheduled** Task review your Summary.
- Click **Finish** to complete the task.

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Customize the Quick Access Toolbar

The True Last Logon Quick Access Toolbar is a customizable toolbar that contains a set of commands that are independent of the tab that is currently displayed. You can move the Quick Access Toolbar from one of the two possible locations, and you can add buttons that represent commands to the Quick Access Toolbar. By default, we have only two standards actions: START and STOP.

Getting to the commands you use the most does not need to be difficult.
- When you find a favourite command, right-click and then add to Quick access toolbar.
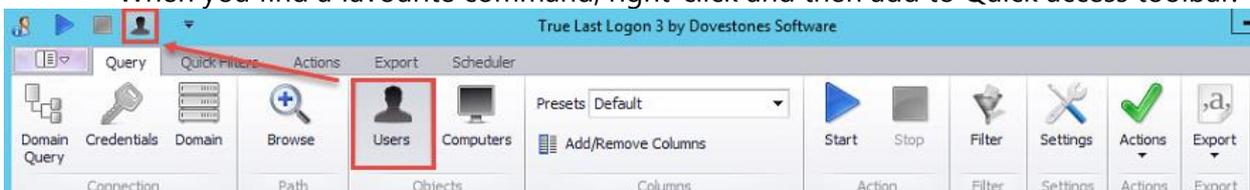
- You can add and customize your Quick Access Toolbar with all you favourite commands.

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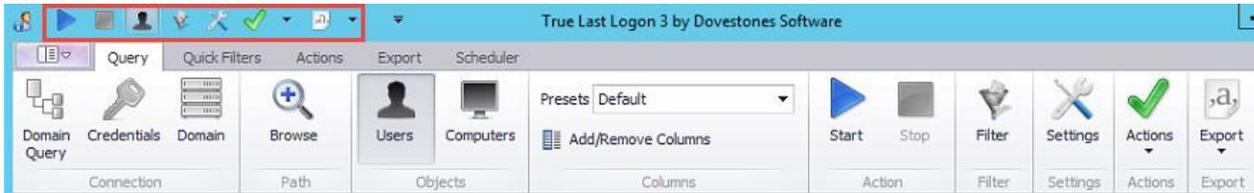
Options button

The options tab includes the most important True Last Logon commands. Let us review just a few of the most important options that we have not yet reported.
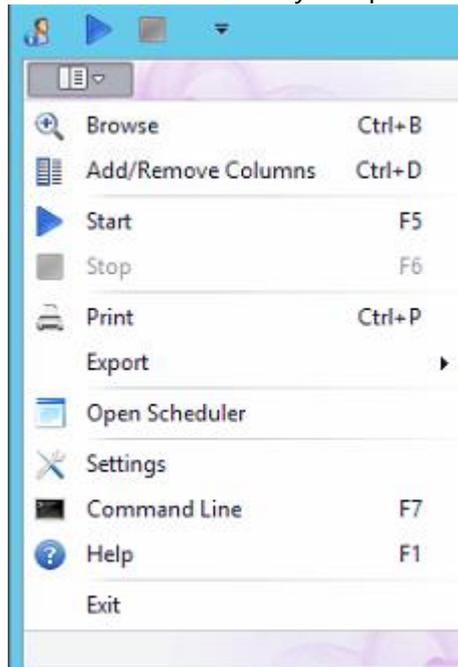
The option **Settings** provide an additional window to change the default language, enable logging, Clear the History, set the client timeout and to see the True Last Logon version.

True Last Logon 3 by Dovestones Software Ltd
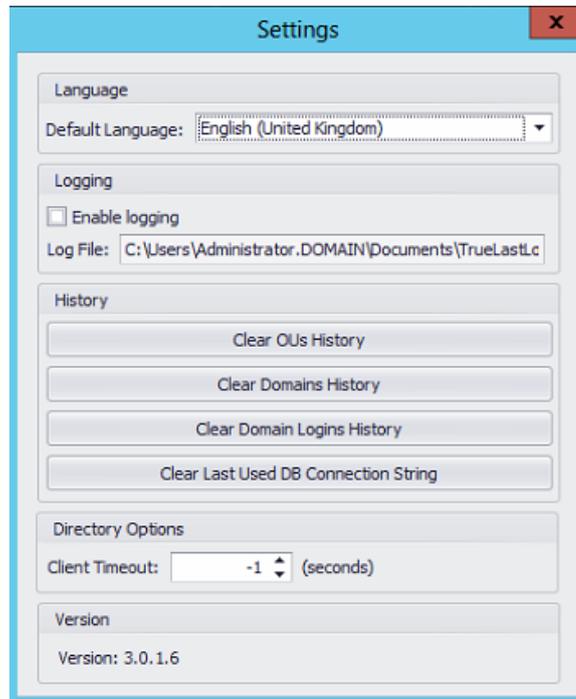
You can also find the True Last Logon **Command line**. For info about this feature go to the command line operation content.
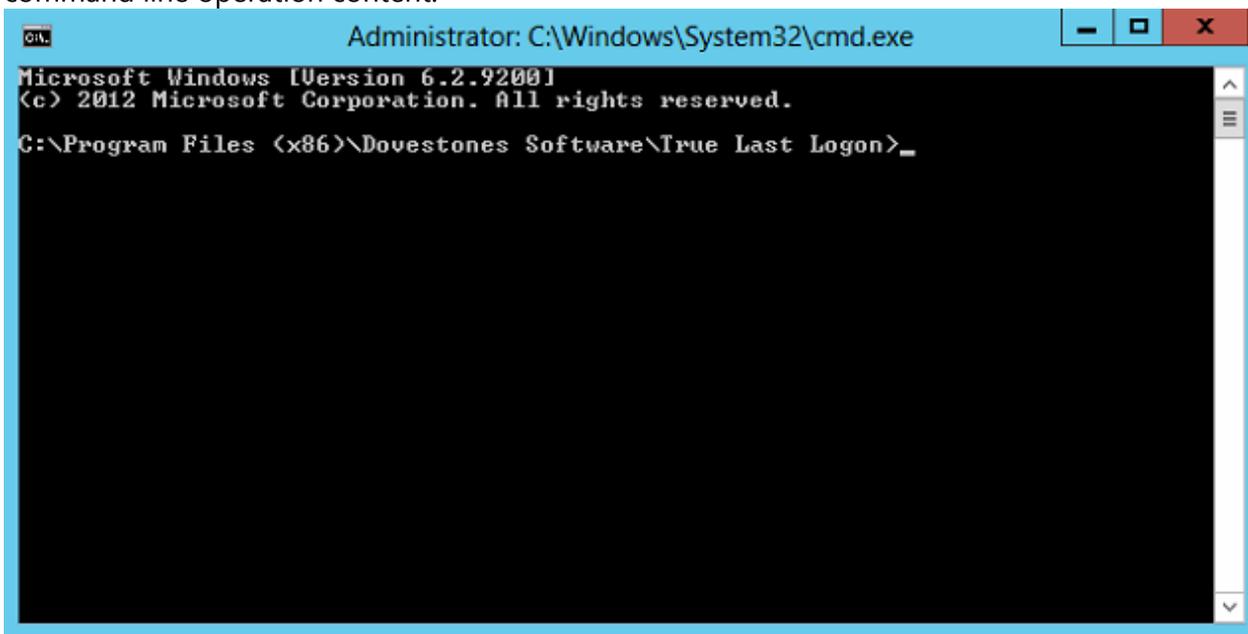
Command line operation

The scheduler built-in to True Last Logon contains a wizard that will help you automate True Last Logon, however if you do need to use a command line you can use ADBulkUsersCLI.exe. You can find the syntax and command line examples for TrueLastLogonCLI.exe below.

True Last Logon Command Line Syntax

TRUELASTLOGONCLI [/?]
          [/HELP]

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[/LANG:{language}]
[/LOG]
[/DOMAIN:{domain}]
[/DC:{dc}]
[/TIMEOUT:{timeout}]
[/USERNAME:{username}]
[/PASSWORD:{password}]
[/OU:{ou}]
[/OBJECTS:{USERS|COMPUTERS}]
[/COLUMNS:{columns} | /PRESET:{preset}]
[/FILTER:{filter}]

[/QUICKFILTER:{NotLoggedOnInXDays|LoggedOnInXDays|NeverLoggedOn|PasswordExpiresInLessThanXDays|PasswordExpiresInMoreThanXDays|AccountExpiresInTheNextXDays|AccountExpired|LockedAccount|UnlockedAccount|DisabledAccount|EnabledAccount|NonExpiringPassword}]
[/QUICKFILTERPARAMS:{params}]
[/SORT:{sort}]
[/FORMAT:{CSV|XLS|XLSX|PDF|DB}]
[/FILE:{file}]
[/ENCODING:{ASCII|UNICODE|UTF8}]
[/CONNECTIONSTRING:{connectionstring}]
[/TABLENAME:{tablename}]
[/TABLEACTION:{NONE|CREATE|TRUNCATE|DROP}]

[/ACTION:{ENABLE|DISABLE|DELETE|MOVE|ADDTOGROUP|REMOVEFROMGROUP|REMOVEFROMALLGROUPS|SETEXPIRYDATE}]
[/ACTIONPARAM:{param}]

General options:
/? /HELP   Displays command-line help
/LANG   Changes the application language (e.g. /lang:de)
/LOG   Enables application logging

Query Options:
/DOMAIN   The domain name (e.g. mydomain.com)
/DC   The list of domain controllers to query
                  Multiple DCs should be separated by a comma
                  If none are specified, all DCs will be queried
/TIMEOUT   The amount of time in seconds to wait for the DC to respond
/USERNAME   The username to authenticate to Active Directory
/PASSWORD   The password to authenticate to Active Directory
/OU   The list of OUs or groups to include in the query
                  Multiple OUs should be separated by a semicolon
/OBJECTS   The object classes to be retrieved
                  Parameter values: USERS or COMPUTERS

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Multiple object classes can be separated by a comma

If not passed, the default object class will be USERS

/COLUMNS   The list of column IDs to be included in the query

Multiple column IDs should be separated by a comma

/PRESET   The preset columns list ID

/FILTER   The filter expression applied to the retrieved data

e.g.: /filter:"cn LIKE '%myname%'"

/QUICKFILTER Use one of the following:

NotLoggedOnInXDays

LoggedOnInXDays

NeverLoggedOn

PasswordExpiresInLessThanXDays

PasswordExpiresInMoreThanXDays

AccountExpiresInTheNextXDays

AccountExpired

LockedAccount

UnlockedAccount

DisabledAccount

EnabledAccount

NonExpiringPassword

/QUICKFILTERPARAMS Use to specify the days param to the quick filter

Use with quick filters that need a parameter

e.g.: /QUICKFILTERPARAMS:7

/SORT   The sort expression applied to the retrieved data

e.g. /sort:"cn ASC"

Export options:

/FORMAT   The export format (Parameter value: CSV,XLS,XLSX,PDF or DB)

File export Options:

/FILE   The full path of the destination file

Required for CSV, XLS, XLSX and PDF export formats

/ENCODING   The encoding of the file when the export format is CSV

Parameter value: ASCII, UNICODE or UTF8

If not passed, the default encoding will be ASCII

Database export options:

/CONNECTIONSTRINGThe database ODBC connection string

/TABLENAME   The destination table name

/TABLEACTION   The action to perform on the table before inserting the data

Parameter value: NONE, CREATE, TRUNCATE or DROP

NONE: Does not modify the table

CREATE: Creates the table

TRUNCATE: Truncates the table
DROP: Drops and recreates the table
If this argument is not passed, the default action will be DROP

Action options:

/ACTION   Defines the action to execute on the results.
            Use on of the following:
            ENABLE
            DISABLE
            DELETE
            MOVE
            ADDTOGROUP
            REMOVEFROMGROUP
            REMOVEFROMALLGROUPS
            SETEXPIRYDATE

/ACTIONPARAM   The parameter to pass to the action if it requires it.
            For MOVE action, the parameter should be the DN of the destination OU
            For ADDTOGROUP and REMOVEFROMGROUP actions, it should be the group's
DN
            For SETEXPIRYDATE action, it should be expiry date in system format

Notes:
- The command-line arguments and their values are case insensitive
- When an argument value contains spaces, surround it by double quotes

Example use:

Export the default columns present for users in TestOU1 and TestOU2 organizational units to a CSV file

*TRUELASTLOGONCLI /domain:mydomain.com
/ou:"OU=TestOU1,DC=mydomain,DC=com;OU=TestOU2,DC=mydomain,DC=com"
/preset:default /format:csv /file:"c:\testfile.csv"*

Export "cn" and "displayName" attributes for users in the "TestOU" organizational unit to a database table named "TestTable" located in a a SQL Server database

*TRUELASTLOGONCLI /domain:mydomain.com /ou:"OU=TestOU,DC=mydomain,DC=com"
/objects:users /columns:cn,displayName /format:db /connectionstring:"Driver={SQL
Server};server=MyServer;database=TestDB;trusted_connection=no;uid=sa;pwd=sa"
/tablename:TestTable*

True Last Logon 3 by Dovestones Software Ltd

Introduction

Microsoft .Net 4.0 Framework
Microsoft Windows 2000, 2003, 2008, 2008 R2, 2012 and 2012 R2

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Support

If you require help with True Last Logon or simply need to ask a question please you can contact us via our support form at http://www.dovestones.com/supportform.asp or send an e-mail to support@dovestones.com.
See also the Frequently Asked Questions at http://www.dovestones.com/support.asp.

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