# **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.

# Table of contents

Quick Introduction	2
System Requirements	2
Main features	2
Getting Started	4
Installing True Last Logon	2
Files installed by True Last Logon	
Install True Last Logon	
Remove True Last Logon	
Domain settings	Error! Bookmark not defined.
Starting a query in True Last Logon	7
Custom Attributes	6
Filters	7
Edit Filter	
Add/Remove Columns	
Access toolbar command	
Actions Tab	
Export Tab	
Scheduler Tab	
Customize the Quick Access Toolbar	
Options button	
Command line operation	
True Last Logon Command Line Syntax	
General options:	
Query Options:	
Export options:	
Database export options:	
Action options:	
Notes:	
Example use:	

Introduction	
Copyright Notice	
Support	

# **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

cal) Services (Local)					
True Last Logon Scheduler	Name	Description	Status	Startup Type	Log On As
and a second	Shell Hardware Detection	Provides notifications for AutoPlay hardware events.	Running	Automatic	Local Syste
Stop the service	Smart Card Removal Policy	Allows the system to be configured to lock the user desktop upon smart card removal.		Manual	Local Syste
Restart the service	Special Administration Con	Allows administrators to remotely access a command prompt using Emergency Management Services.		Manual	Local Syste
	Spot Verifier	Verifies potential file system corruptions.		Manual (Trigger Start)	Local System
Description:	Superfetch	Maintains and improves system performance over time.		Manual	Local System
True Last Logon Scheduler	System Event Notification S	Monitors system events and notifies subscribers to COM+ Event System of these events.	Running	Automatic	Local Syste
	🔅 Task Scheduler	Enables a user to configure and schedule automated tasks on this computer. The service also hosts mul	Running	Automatic	Local System
	CamViewer 10	TeamViewer Remote Software	Running	Automatic	Local System
	Chemes .	Provides user experience theme management.	Running	Automatic	Local System
	端 True Last Logon Scheduler	True Last Logon Scheduler	Running	Automatic	Local System
	Service User Access Logging Service	This service logs unique client access requests, in the form of IP addresses and user names, of installed	Running	Automatic (Delayed Start)	Local System
	端 User Profile Service	This service is responsible for loading and unloading user profiles. If this service is stopped or disabled,	Running	Automatic	Local System
	🖏 Virtual Disk	Provides management services for disks, volumes, file systems, and storage arrays.	Running	Manual	Local System
	🖏 Volume Shadow Copy	Manages and implements Volume Shadow Copies used for backup and other purposes. If this service is		Manual	Local System
1		Loss B A M B - Loss C B - AL - C - L		March 177 (20-4)	1

#### 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.

Programs and Features	
Power Options	
Event Viewer	
System	
Device Manager	
Disk Management	
Computer Management	
Command Prompt	
Command Prompt (Admin)	
Task Manager	8
Control Panel	
File Explorer	
Search	d/
Run	

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



• When you find the program True Last Logon, click it, and then Click Uninstall.

		Programs and Features									
۲	🕞 💿 👻 🕆 🕅 🕨 Control Panel 🕨 Programs » Programs and Features 🔹 🗸 🖒										
	Control Panel Home	Uninstall or change a program									
	View installed updates To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.										
6	Turn Windows features on or										
	off	Organize 🔻 Uninstall Change Repair									
	Install a program from the network	Name •	Publisher	Installed On	Size	Version					
		💿 Google Chrome	Google Inc.	04/03/2015		41.0.2272.76					
		C Microsoft SQL Server Compact 3.5 SP2 ENV	Microsoft Corporation	16/06/2014	6.14 MB	3.5.8080.0					
		C Microsoft SQL Server Compact 3.5 SP2 x64 ENU	Microsoft Corporation	16/06/2014	6.81 MB	3.5.8080.0					
		😋 TeamViewer 10 Host	TeamViewer	04/03/2015		10.0.39052					
		True Last Logon	Dovestones Software	04/03/2015	48.6 MB	4.4.2					

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.

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.

8 🕨	-	<del>,</del>				True Last Logo	n 3 - By
	Query	Quick Fil	ters Actions	Export	Scheduler	License	
		1 11111 1 11111	Ð,	1	Ē	Presets Defaul	t
Domain Ouerv	Credentia	s Domain	Browse	Users	Computers	Add/Remov	e Colum
	Conr		Do	main Qu	ery	x	Jimns
Path:	s	elect Domain	(s):	(	Select All	Select None	
		<ul> <li>domain.c</li> <li>dovestor</li> </ul>	om ies.com				
	[	Specify Do	omain				
	Query Query Query Query Conr Path: Select G Select Select Conr Conr Conr Conr Conr Conr Conr Conr		Controller(s):		Select All	Select None	
		DC3.dom DC1.dom DC2.dom	ain.com ain.com ain.com				

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.

8	▼					True Last Logon 3 - B
	Query	Quick Filte	rs Actions	Export	Scheduler	License
	P		Ð	1	_	Presets Default
Domain Query	Credentials	Domain T	Browse	Users	Computers	Add/Remove Colur
	Connection		Path	Ob	jects	Column
Path:			Conr	nect As		×
	Alternate Au	uthentication	Credentials			
	Username:					
	Password:					
		Rememb	er credentials			
	By default t	he connection	n is made using t	ne credentia	ls of the currer	ntly logged on user.
					ОК	Cancel

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.

			True Last Logon 3 - B	y Dovestones Sof	tware					
Exp	ort	Scheduler	License							
1			Presets Custom	•			Y			
User	rs	Computers	Add/Remove Colu	mns	Start	Stop	Filter			
	Obj	iects	Column	Action Filter						
			Attribute/	Column Select	tor		x			
ount	Pr	eset: Defaul	t	•	Rename	Delete				
	All Columns			Selected Columns						
badPasswordTime			me î	CN	ountName					
		: nUppercase		lastLogon lastLogon	lastLogon lastLogonTimestamp					

# 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.

	Query	Quick Filters	s Actions	Export	Scheduler	License			
	P		<del>.</del>	1		Presets Custom 💌			
Domain Query	Credentials	Domain T	Browse	Users	Computers	Add/Remove Columns	Start Stop		
	Connection		Path	Ob	jects	Columns	Action		

### Filters

Quick filters allow you to further filter the objects appeared in the True Last Logon board.

8 🕨 🔳 🔻	True Last Logon 3 by Dovestones Software	X
Query Quick Filters	Actions Export Scheduler	~
Quick Filter: None	999 Days Apply Clear	
	Filters	

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)

7

True Last Logon 3 by Dovestones Software Ltd

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

You can set also the days **P99 Cays** 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 " $\Box$ " (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**>**cvalue**>

#### 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

Filter: Custom
And O
( And
Or Or
O Not And
O Not Or
🖣 Add Condition
🚽 Add Group

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

By default, True Last Logon displays 12 columns of attributes data for objects, as the **saMAccountName** and **cn** attributes.

8 🕨	<b>– –</b>	True Last Logon 3 by Dovestones Software										_ □	x
	Query	Quick Filters	Actions	Export	Scheduler								$\sim$
Domain	Credentials	Domain	Browse	L Users	Computers	Presets Custom	Start Stop	Filter	Settings	Actions	,a, Export		
Query	Connection		Path	Obj	jects	Columns	Action	Filter	Settings	Actions	Export		
Path: DC=domain,DC=com													
sAMAcco	untName	cn			lastLogon	<ul> <li>lastLogonTimestamp</li> </ul>	Last Authenticated DC	accoun	tExpires	badP\	vdCount	PasswordNeverEx	xpires
													*

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.

Attribut	te/Column Selector
Preset: Custom All Columns adminCount badPasswordTime c c cnUppercase co company createTimestamp description destinationOU directReports Disabled displayName distinguishedName employeeNumber extensionAttribute1 extensionAttribute3 extensionAttribute3 extensionAttribute4	Rename Delete      Selected Columns      SAMAccountName     on     lastLogonTimestamp     Last Authenticated DC     accountExpires     badPwdCount     PasswordNeverExpires     logonCount     Enabled     Lockout     mail
Add Column Import Columns	Save Preset OK Cancel

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

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.

		8 🕨 🛙						True Last Lo	gon 3 by Dovestones S	Software						-	
			Query	Quick Filters	Actions	Export	Scheduler										$\sim$
Browse     Add/Remove Columns	Ctrl+B Ctrl+D	Q <sub>c</sub> a	P		€,	1		Presets Users	•			Ŷ	×	$\checkmark$	,a,		
> Start	F5	Query	edentials	Domain	Browse	Users	Computers	Add/Remove	Columns	Start	Stop	Filter	Settings	Actions	Expor		
Stop	F6	Co	onnection		Path	Ob	jects	C	olumns	Ac	tion 区	Disable			e) C	SV	Ctrl+V ►
a Print	Ctrl+P		Query	Quick Filters	Actions	Export	Scheduler				2	Enable			🗇 Б	cel (XLS)	Ctrl+E
Export	•		-						- 🕈 🗙		2	Move			б Б	cel (XLSX)	Ctrl+X
Open Scheduler		Quick Filter:	None					▼ 100 💭 Da	Apply Clear		2	Add to (	Group		A P	DF	Ctrl+F
× Settings											3	Remove	from Grou	р	E D	atabase	Ctrl+D
Command Line	F7		Ouerv	Ouick Filters	Actions	Export	Scheduler			_	3	Remove	from All G	roups	à P	rint	Ctrl+P
Help	F1	1		0	3	33	33	planta			15	Set Expi	ry Date				
Exit		<b>V V</b>						15			×	Delete					
	~	Enable Disa	able De	slete Move	Add to Group	Remove from Group	All Groups	m Set Expiry Date									
					Actions												
			Query	Quick Filters	Actions	Export	Scheduler										$\diamond$
		,a, 🎴		L													
		CSV Exc V (XL	cel Exce .S) (XLS)	el PDF X)	Print D	atabase											
			Query	Quick Filters	Actions	Export	Scheduler										$\diamond$
		Onen Sehed	dan .														
		openscriedu															
		Scheduler															

#### **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.

8 🕨	-	;					True Last Lo	gon 3 by Dovestones	Software					_ 0	x
	Query	Quick F	ilters	Actions	Export	Scheduler									$\sim$
Enable	Disable	X Delete	Move	Add to Group	Remove from Group	Remove from All Groups	n Set Expiry Date								
8 🕨		÷					True Last Lo	gon 3 by Dovestones	Software						×
	Query	Quick F	Filters	Actions	Export	Scheduler									$\sim$
Domain Query	Credentia	bomain	Brow	wse	L Users	Computers	Presets Users	▪ • Columns	Start	Stop	<b>Filter</b>	X Settings	Action	,a, ns Export	
	Connectio	n	Pa	ath	Obj	ects	C	olumns	A	ction	Filter	Settings	0	Disable	
Path:	)C=domain,	DC=com											2	Enable	•
sAMAcco	untName	*	cn			lastLogon		lastLogonTimestamp		logonCount		Ena	*	Move Add to Group	ged
Guest			Guest					2/23/2015 9:29:21 P	м			0	3	Remove from Group	9:1
Guie 1934	23		Annette P	Putnam								0	33	Remove from All Groups	8::
Guie 1935			Annette P	Putnam								0	15	Set Expiry Date	8:1
Guly 1959			Louise Ba	ker								0	~	Delete	8:39
Guly1960			Louise Ba	ker								0	~	Delete	10

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:

	đ	9 🕨 🔳 🔹	Ŧ					True Last Lo
		Query	Quick F	Filters	Actions	Export	Scheduler	
		Enable Disable	Delete	Move	Add to Group	Remove from Group	Remove from All Groups	152 Set Expiry Date
		Path: DC=domain	,DC=com					
		AMAccountName	• 7	cn			lastLogon	
	2	hristian 🔺 🔹	N.	Ø D √ Er	isable nable			
			1.1	X D	elete love			
				🄏 A	dd to Gro emove fro	up m Group		
				3 R	emove fro	m All Group	95	
				😼 Se	et Expiry D	ate		
•	To disable, clio	k Disable A	Accoun <sup>®</sup>	t. Clicl Coi	k yes t nfirma	o confii <mark>tion</mark>	m.	
		1 ob	oject(s) wi	ll be disa Yes	abled. Ar	e you sure No	you want con	itinue?
•	To enable, clic	k Enable Ac	count,	Click	Yes to	o Confir	m.	
				Cor	nfirma	tion		
		1 ob	oject(s) w	ll be ena Yes	abled. Ar	e you sure No	you want con	tinue?

### Delete

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

u 🕨 🖉 🖇	Ŧ					True Last
Query	Quick	Filters	Actions	Export	Scheduler	
Enable Disable	X Delete	Ave Nove	Add to Group	Remove from Group	Remove from All Groups	152 Set Expiry Date
1			Actions			
Path: DC=domain	.DC=com					
					1	
sAMAccountName	•	cn			lastLogon	
christian						
			isable			
· · · · ·		≪ E	nable			
		×D	elete			
		10 N	love			
		3 A	dd to Gro	up		
		3 R	emove fro	m Group		
		3 R	emove fro	m All Group	s	
		S S	et Expiry D	ate		

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.

. 🕨 🔳 🔻					True Last Lo
🔲 🗢 Query Quir	ck Filters	Actions	Export	Scheduler	
Enable Disable Delete	2 Move	Add to Group	Remove from Group	Remove from All Groups	152 Set Expiry Date
		Actions	6		
Path: DC=domain,DC=com					
sAMAccountName	T cn		1	lastLogon	
#**					
christian	0	Disable			
	I 6	nable			
1	×	Delete			
N.	2	Move			
	3.	Add to Gro	up		
	33 F	Remove fro	om Group		
	35 F	Remove fro	om All Group	s	
	1	Set Expiry D	Date		

In the *Move* dialog box, click the folder to which you want to *Move* the user account.



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.



• Click yes to add the user to the group.



• Click yes to remove the user to the group.



**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.

#### **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.

.8 🕨 🔳 🔻					True Last Lo
Query Quick	Filters	Actions	Export	Scheduler	
Enable Disable Delete	Sector Move	Add to Group	Remove from Group	Remove from All Groups	152 Set Expiry Date
		Actions	1		
Path: DC=domain,DC=com					
sAMAccountName	r cn			lastLogon	
christian		Disable Enable Delete Move Add to Gro Remove fro Remove fro Set Expiry D	up om Group om All Group Date	15	

• Sets the expiration date for an Active Directory account.

(	Choose Expiry Da	ite ×
Expiry Date:	3/9/2015	-
	ОК	Cancel

• Click Yes to confirm the account expire at the end of a specific day.



True Last Logon 3 by Dovestones Software Ltd

### **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.

8 🕨		Ŧ					True Last Lo	gon 3 by Dovestones	Software						-	□ X
	Que	ry Q	uick Filters	s Action	ns Export	Scheduler										$\diamond$
,a, csv	Excel (XLS)	Excel (XLSX)	PDF	Print	Database											
	Exp	port		Print	Database											
Path: 0	DC=domi	in,DC=c	om													•
8 🕨		Ŧ					True Last Lo	gon 3 by Dovestones	Software						-	
	Que	ry Q	uick Filters	s Action	ns Export	Scheduler										۵
P <sub>c</sub>	S		04078 04078 04078	•	1		Presets Users	•		-	V	×	$\checkmark$	,a	2	
Domain Query	Creder	tials Do	main	Browse	Users	Computers	Add/Remove	Columns	Start	Stop	Filter	Settings	Actions	Expo	ort	
	Conne	tion		Path	Ob	ijects	C	olumns	A	ction	Filter	Settings	Actions	a,	CSV	Ctrl+V +
Path:	DC=dom	ain,DC=c	om											1	Excel (XLS)	Ctrl+E
sAMAcco	untName	8	<b>^</b> ♥ cn	1		lastLogon		lastLogonTimestamp		logonCount		En	abled		Excel (XLSX) PDF	Ctrl+X Ctrl+F
christian			Chr	istian		]						0		B	Database	Ctrl+D
														â	Print	Ctrl+P

### 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.

.8 🕨 🔳 📼	True Last Logon 3 by Dovestones Software	_ <b>D</b> X
Query Quick Filters Actions Export Schedule		$\diamond$
Open Scheduler		
Scheduler Path: DC=domain.DC=com		

### 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

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.

		Schedu	ler	_	
File Edit					
🖬 📑 🖩 🖓 🖂					
Name	Trigger	Last Run Date	Next Run Date	Туре	Last Messag
٠					÷
Last refresh: 8:35:21 PM					

Enter the name for the new Scheduled Task, and click Next.

Schedule Name
Please enter the schedule name:
TrueLastLogon

 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**.

Trigger Type	Once Trigger				
Please select the frequency:	Date:	3/9/2015	•		
Once	Time:	10:00 PM	+		
O Daily					
O Weekly					
O Monthly					

• Select your Schedule Type.

Schedule Ty	/pe	
Schedule Type:	Export	•
	Export	
	Actions	

True Last Logon 3 by Dovestones Software Ltd

 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.

	Schedule Wizard	x
Schedule W	fizard	
Query Inf	formation	
Domain:	domain.com 👻	
DCs:	Domain Controllers	
OUs:	<ul> <li>Browse</li> </ul>	
Username:	domain \username	
Password:		
Objects:	Vusers Computers	
Columns:	Default   Add/Remove Columns	
Sort:	Default Sort   Ascending	
Filter:		
Quick Filter:	None   None  Days	
Note: Crede	ntials must be supplied for the Local System account to be able to connect to AD	
Test Q	Jery	
	Next > Cancel	

 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.

Add the actions to be perfo	rmed on the results of the query:
	Action Type
Add Action	Action: Disable Enable Disable Delete Move Add to Group Remove from Group
Email Report	Remove from All Groups

 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.

Email Re	port	
Send Send	actions report by email	
Email(s):	admin@domain.com	
	(Separate multiple email addresses by a semicolon or a comma)	Send Test Email

After you have completed your **Scheduled** Task review your Summary.

• Click *Finish* to complete the task.

#### Summary

summary.	
Schedule Name: TestLastLogon	۸.
Trigger Frequency: Once Start Date/Time: Monday, March 9, 2015 10:00 PM Next Run Date/Time: Monday, March 9, 2015 10:00 PM	
Domain: domain.com Domain Controllers: All OU(s): DC=domain,DC=com Object(s): Users Columns: sAMAccountName,cn,lastLogon,lastLogonTimestamp,LastAu Actions: - Disable Send Email Report: True Email Recipient(s): admin@domain.com	thenticatedDC,accountExpire:
٩	~ }
	Test Schedule Now
	Finish Cancel

#### **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.

8 🕨	-		True Last Logon 3 by Dovestones Software									
.∎¢	Query	Quick Filte	rs Actions	Export	Scheduler							
24	P	1 0100 1 0100 1 0100	Ð	1		Presets Default		-	\$	×	$\checkmark$	,a,
Domain Ouery	Credentials	Domain	Browse	i A	dd to Quick	Access Toolbar	Start	Stop	Filter	Settings	Actions	Export
	Connection		Path	S	how Quick A	ccess Toolbar Below the Ribbon	Action	tion	Filter	Settings	Actions	Export
Path:	C=domain.DC	=com			/linimize the l	libbon						

Getting to the commands you use the most does not need to be difficult.

-	When you	i find a	favourite	command,	right-click	and then	add to C	Quick access toolbar.
---	----------	----------	-----------	----------	-------------	----------	----------	-----------------------

8 🕨		Ŧ				True Last Logon 3 by Dovestones	Software		-			
	Query	Quick File	ere Actions	Export	Scheduler							
P <sub>c</sub>	ø	1 1015 1 1015 1 1015	÷.	1	<b>.</b>	Presets Default		E.	¥.	X	$\checkmark$	,a,
Domain Query	Credentials	Domain	Browse	Users	Computers	Add/Remove Columns	Start	Stop	Filter	Settings	Actions	Export
	Connection		Path	Ot	ojects	Columns	Ac	tion	Filter	Settings	Actions	Export

• You can add and customize your Quick Access Toolbar with all you favourite commands.



### **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.

8	<b>&gt;</b>	
		Ch.L. B.
	Browse	Ctrl+B
	Add/Remove Columns	Cui+D
	Start	F5
-	Brint	Chill D
8	Export	Cui+P
	Open Scheduler	
×	Settings	
2	Command Line	F7
1	Help	F1
	Exit	

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.

	Settings
Languag	e
Default La	anguage: English (United Kingdom)
Logging	
Enable	logging
.og File:	$C: \label{eq:c:loss} C: \lab$
History	
	Clear OUs History
	Clear Domains History
	Clear Domain Logins History
	Clear Last Used DB Connection String
Directory	/ Options
Client Tim	eout: -1 🗘 (seconds)
Version	
Version:	3.0.1.6

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]

24

True Last Logon 3 by Dovestones Software Ltd

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

[/QUICKFILTER:{NotLoggedOnInXDays|LoggedOnInXDays|NeverLoggedOn|PasswordExpiresInL essThanXDays|PasswordExpiresInMoreThanXDays|AccountExpiresInTheNextXDays|AccountEx pired|LockedAccount|UnlockedAccount|DisabledAccount|EnabledAccount|NonExpiringPassw ord}]

> [/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|REMOVEF ROMALLGROUPS|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
/0U	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

	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
/QUICKFILTER	PARAMS 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/TABLENAMEThe destination table name/TABLEACTIONThe action to perform on the table before inserting the dataParameter value: NONE, CREATE, TRUNCATE or DROPNONE: Does not modify the tableCREATE: 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

## Introduction

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

# **Copyright Notice**

Copyright © 2014 Dovestones Software. All rights reserved.

The software contains proprietary information of Dovestones Software Ltd; it is provided under a license agreement containing restrictions on use and disclosure and is also protected by copyright law. Reverse engineering of the software is prohibited.

Due to continued product development this information may change without notice. The information and intellectual property contained herein is confidential between Dovestones Software and the client and remains the exclusive property of Dovestones Software Ltd. If you find any problems in the documentation, please report them to us. Dovestones Software does not warrant that this document is error-free.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior written permission of Dovestones Software Ltd.

# 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 <u>http://www.dovestones.com/supportform.asp</u> or send an e-mail to support@dovestones.com.

See also the Frequently Asked Questions at <u>http://www.dovestones.com/support.asp</u>.