

TruLog Service Client/Server Configuration

User's Guide

Rev. 1.0.6



D.O.I-Net Co., Ltd.

Disclaimers

1. D.O.I-Net Co., Ltd. shall not take responsibility for any direct and indirect damage caused by the descriptions stated in this document or other injustices.
2. It is not intended to consent to any rights including the patent rights of any third party or our company with this document.
3. It is prohibited to reprint or reproduce some or all parts of this document without permission.
4. D.O.I-Net Co., Ltd. may change the specifications listed in this document without a notice for the purpose of improvement.

Company names and product names listed in this document are the trademarks of the companies or the registered trademarks.

When you export these products, please follow the necessary procedures by confirming the foreign exchange, foreign trade methods, and regulations such as the U.S. export control laws.

Revision History

Rev.	Date	Details
1.0.0	2010/11/11	Issued.
1.0.1	2012/04/17	Removed Windows 2000 from Supported OSs due to version up.
1.0.2	2012/06/08	Added description of client to Install chapter.
1.0.3	2013/05/01	Added Windows 8, Windows Server 2012 to Supported OSs. Added firewall configuration. Added access permission to Add Communication Pipe.
1.0.4	2014/12/04	Modified descriptions of Supported OSs.
1.0.5	2015/07/21	Added Windows 10 to Supported OSs.
1.0.6	2023/11/06	Changed Supported Oss.

Index

1. Introduction.....	8
2. Operating Conditions	8
a. Supported Client OSs.....	8
b. Supported Server OSs (in the case of Client/Server system usage).....	8
c. Supported Network Configuration (in the case of Client/Server system usage)	8
3. Product Summary	8
a. Functions	8
b. Package.....	9
i. Single License Edition	9
ii. Volume License Edition	9
c. Logged Data Storage	9
d. Applicable Authentication Framework Products.....	9
e. Applicable Security Products.....	9
f. Log Viewer.....	9
4. Warnings	9
5. Installation and Uninstallation Procedure	10
a. Installation.....	10
i. Use on only Client PC.....	10
ii. Use on Client/Server System	10
b. Uninstallation	13
6. Operation Method	14
a. Use on only Client PC	14
i. Client PC Configuration	14
b. Use on Client/Server System	15
i. Server PC Configuration.....	15
1) Launch Configuration Wizard.....	15
2) Basic Configuration	16
(a) Configure Oneself as a Server	16
(b) Pop Up Warning.....	17
3) End of Configuration Wizard	18
4) Firewall Configuration	19
(a) Launch Security Enhanced Windows Defender Firewall	19
(b) Inbound Rules.....	19
(c) Add New Rules	21
(d) End of Security Enhanced Windows Defender Firewall.....	28
5) Add Communication Pipe.....	29

(a)	Launch Local Security Policy	29
(b)	Add Named Pipe	29
(c)	Add Access Permission	31
(d)	End of Local Security Policy	33
ii.	Client PC Configuration	33
1)	Launch Configuration Wizard	33
2)	Basic Configuration	35
(a)	Transfer Log Data to Server	35
(b)	Pop Up Warning	35
3)	Server Configuration	36
(a)	Select Server PC	37
(b)	Connection Test	39
4)	End of Configuration Wizard	40
5)	Export of Configuration File	41
6)	Import Configuration File	43
c.	TruGate Log Viewer	45
i.	Launch Application	45
ii.	Change Log Size	47
iii.	Export of Data	48
iv.	End of Application	50
d.	TruMonitor Log Viewer	50
i.	Launch Application	50
ii.	Change Log Size	53
iii.	Export of Data	54
iv.	Create Device List	55
v.	End of Application	57

Figure Index

Figure 1 Setup Wizard Welcome Dialog Box.....	10
Figure 2 SOFTWARE LICENSE AGREEMENT	11
Figure 3 Setup Type Selection Dialog Box	11
Figure 4 Ready to Install Dialog Box	12
Figure 5 Installation Indicator Dialog Box	12
Figure 6 Installation Complete Dialog Box.....	13
Figure 7 Apps and Features Dialog Box.....	13
Figure 8 Confirmation of Program Uninstallation Dialog Box	14
Figure 9 Uninstall Indicator Dialog Box.....	14
Figure 10 Launch Configuration Wizard	15
Figure 11 TruLog Configuration Wizard	16
Figure 12 Basic Configuration - select server PC.....	17
Figure 13 Basic Configuration – enable Popup Message	18
Figure 14 Warning Pop Up Message.....	18
Figure 15 End of Configuration Wizard.....	19
Figure 16 Security Enhanced Windows Defender Firewall - launched	20
Figure 17 Security Enhanced Windows Defender Firewall - Inbound Rules	21
Figure 18 Security Enhanced Windows Defender Firewall - Rule Type.....	22
Figure 19 Security Enhanced Windows Defender Firewall - Program of Inbound Rules	22
Figure 20 Security Enhanced Windows Defender Firewall - Customize Service Settings	23
Figure 21 Security Enhanced Windows Defender Firewall - End of configuration for Program	24
Figure 22 Security Enhanced Windows Defender Firewall - Protocol and Ports	25
Figure 23 Security Enhanced Windows Defender Firewall - Scope of Inbound Rules	25
Figure 24 Security Enhanced Windows Defender Firewall - Action of Inbound Rules	26
Figure 25 Security Enhanced Windows Defender Firewall - Profile of Inbound Rules	27
Figure 26 Security Enhanced Windows Defender Firewall - Name of Inbound Rules.....	28
Figure 27 Security Enhanced Windows Defender Firewall - New Inbound Rules	29
Figure 28 Server PC Configuration - Security Options (Select Named Pipe).....	30
Figure 29 Server PC Configuration - Local Policy Setting.....	31
Figure 30 Server PC Configuration - Security Options (Access Permissions).....	32
Figure 31 Server PC Configuration - Local Security Setting	33
Figure 32 Launch Configuration Wizard	34
Figure 33 TruLog Configuration Wizard.....	35
Figure 34 Basic Configuration - client PC configuration.....	36
Figure 35 Server Configuration - assign server PC.....	37

Figure 36 Browse for Computer - launch	38
Figure 37 Browse for Computer - select server PC.....	38
Figure 38 Server Configuration - success connection test.....	39
Figure 39 Server Configuration - failed connection test	40
Figure 40 End of Configuration Wizard.....	41
Figure 41 Basic Configuration - Export.....	42
Figure 42 Export of Configuration File	43
Figure 43 End of Export	43
Figure 44 Basic Configuration - Import.....	44
Figure 45 Import of Configuration File	45
Figure 46 End of Import	45
Figure 47 Launch TruGate Log Viewer.....	46
Figure 48 TruGate Log Viewer - launched.....	46
Figure 49 TruGate Log Viewer - refresh	47
Figure 50 Warning at no log data file	47
Figure 51 TruGate Log Viewer - Log Size	48
Figure 52 Max Log Size Configuration	48
Figure 53 TruGate Log Viewer - Export.....	49
Figure 54 Assign Export File	49
Figure 55 TruGate Log Viewer - exit.....	50
Figure 56 Launch TruMonitor Log Viewer.....	51
Figure 57 TruMonitor Log Viewer - launched.....	52
Figure 58 TruMonitor Log Viewer - refresh	52
Figure 59 Warning at no log data file	53
Figure 60 TruMonitor Log Viewer - Log Size	53
Figure 61 Max log Size Configuration.....	54
Figure 62 TruMonitor Log Viewer - Export.....	54
Figure 63 Assign Export File	55
Figure 64 TruMonitor Log Viewer - Create Device List.....	56
Figure 65 Assign Device List File.....	57
Figure 66 TruMonitor Log Viewer - exit.....	58

1. Introduction

This User's Guide explains the operation of TruLog Service (Log Service), the TruLog Configuration (Configuration Wizard) utility that configures Log Service, and the Dedicated Log Viewer produced by D.O.I-Net Co., Ltd. (D.O.I-Net).

2. Operating Conditions

a. Supported Client OSs

Windows 10 32bit/64bit

Windows 11

Windows Server 2016

Windows Server 2019

b. Supported Server OSs (in the case of Client/Server system usage)

Windows 10 32bit/64bit

Windows 11

Windows Server 2016

Windows Server 2019

Note: It is necessary that “Share of Network File and Printer” is enabled on Server PC.

c. Supported Network Configuration (in the case of Client/Server system usage)

Workgroup

Domain

3. Product Summary

a. Functions

Log Service is launched as an OS service, and works in conjunction with the authentication framework and security product of D.O.I-Net, and then stores the authentication results and security events in the local log.

If you install Log Service to a client PC and server PC, you can transfer the log of the client PC to the server PC.

b. Package

i. Single License Edition

This is a package mainly for personal users. It comes with the exe installer package.

ii. Volume License Edition

This is a package mainly for corporate users. It comes with the msi installer package. You cannot uninstall it from "Apps and Features" of the OS installed on the PC. Uninstall it from "Active Directory server" or "re-launched msi installer". Either 32bit version or 64bit version is available.

c. Logged Data Storage

The log data will be kept on the client PC or the server PC that is assigned by the Configuration Wizard. In the case of the server PC is assigned to be used by the Configuration Wizard, and if it cannot be connected, then the logged data will be kept on the client PC, and it will be transferred to the server PC when the connection to the server PC becomes available. The saved log data will be over-written in the order of stamped time if it exceeds the specified size. The default size is 1000.

d. Applicable Authentication Framework Products

By installing Log Service to the PC that the authentication framework product listed below is installed, the authentication results will be logged.

Note: The authentication log is the result of TruGate authentication and not user authentication of OS. Please refer to the event viewer for the result of user authentication.

D.O.I-Net's TruGate ver.5.0.10 or above

e. Applicable Security Products

By installing Log Service to the PC that the security product listed below is installed, the detected events will be logged.

D.O.I-Net's TruMonitor ver.5.0.10 or above

f. Log Viewer

You can view the logged authentication results and the detected events by the dedicated log viewers.

4. Warnings

1. Never install a single license edition and a volume license edition together on the same

PC.

5. Installation and Uninstallation Procedure

Note: In installing and uninstalling, please log on with the administrator privilege of the local computer. For the installation of Volume License Edition, please refer to the TruMonitor Client Setup Guide.

a. Installation

i. Use on only Client PC

A dialog box shown below appears when you execute TruLog Trusted Stackware Logging Service.exe. Click the "Next" button.

ii. Use on Client/Server System

Please install Log Service to the client PC and the server PC following the procedure respectively.

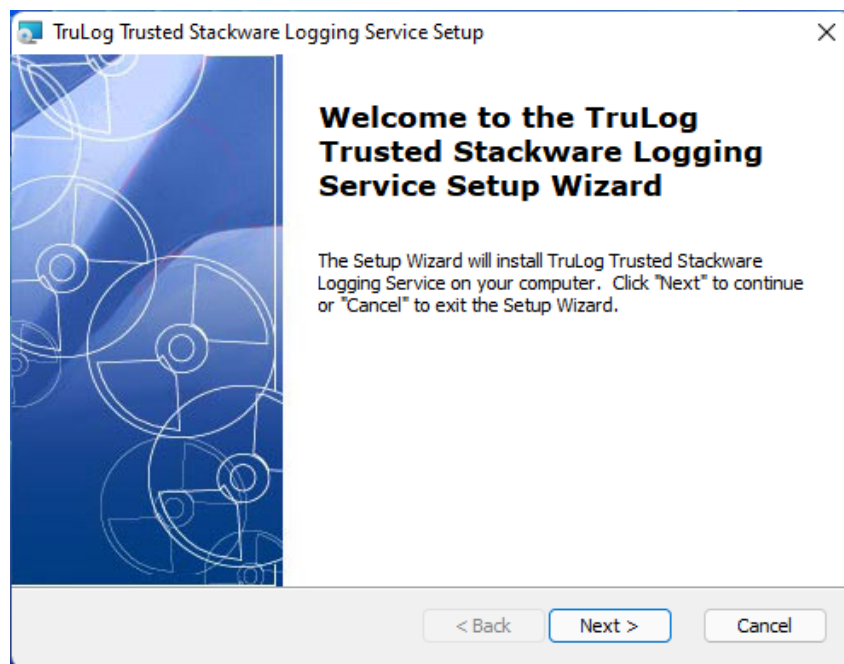


Figure 1 Setup Wizard Welcome Dialog Box

Read "SOFTWARE LICENSE AGREEMENT" shown in the dialog box carefully, and click the "I accept the terms in the license agreement" radio button if you agree, then click the "Next" button.

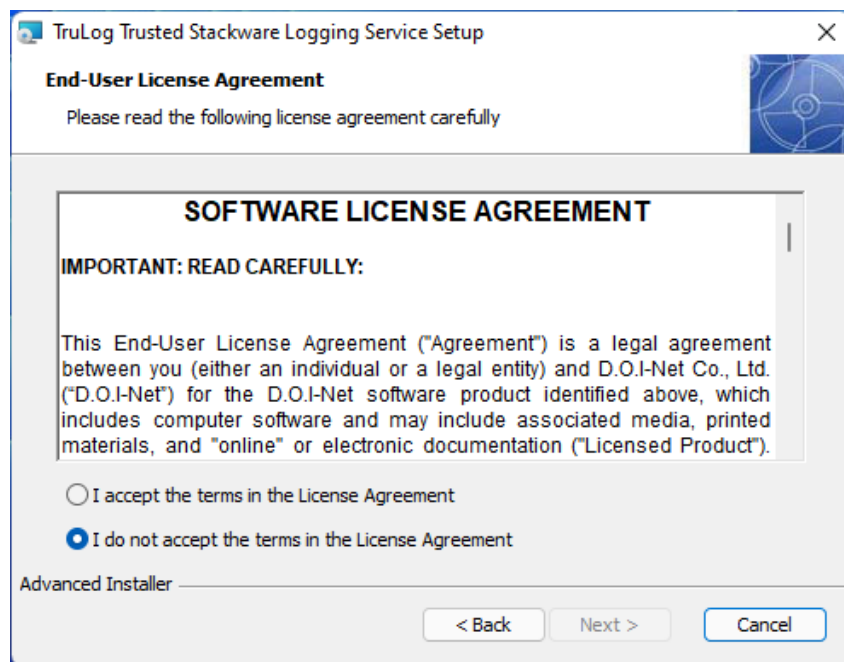


Figure 2 SOFTWARE LICENSE AGREEMENT

When the Setup Type dialog box is displayed, select the setup type according to your usage environment.

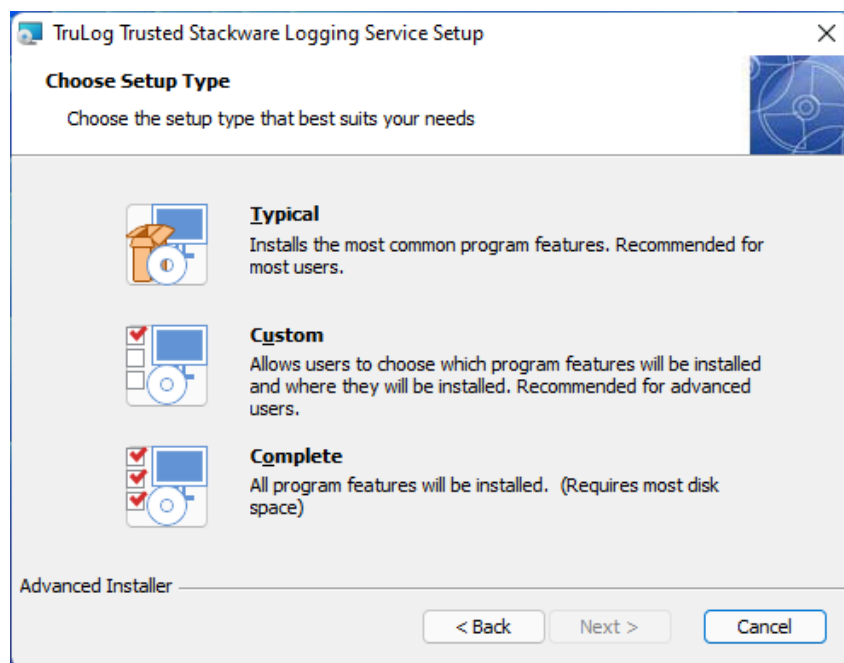


Figure 3 Setup Type Selection Dialog Box

Click the "Install" button unless you need to change. If you need to make some changes, click the "Back" button and return to the dialog box where you want to make changes.

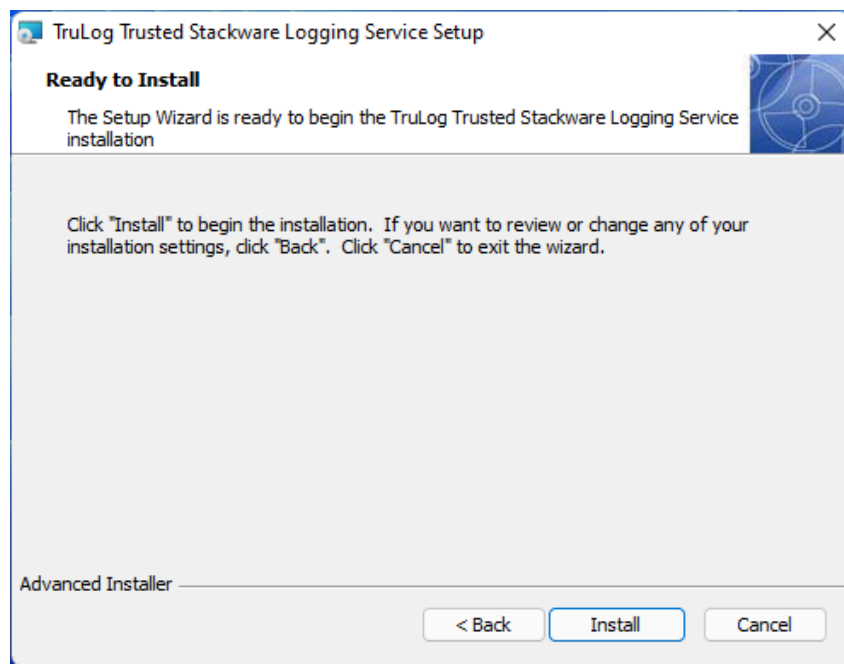


Figure 4 Ready to Install Dialog Box

During installation, the following indicator dialog box will be displayed.

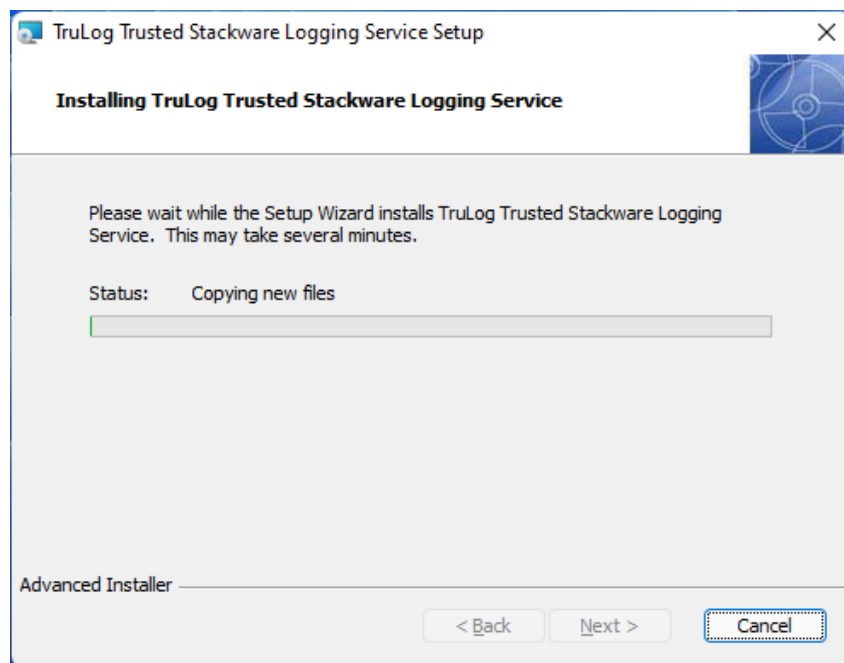


Figure 5 Installation Indicator Dialog Box

When installation is finished, the following installation completion dialog will be displayed. Click the "Finish" button.

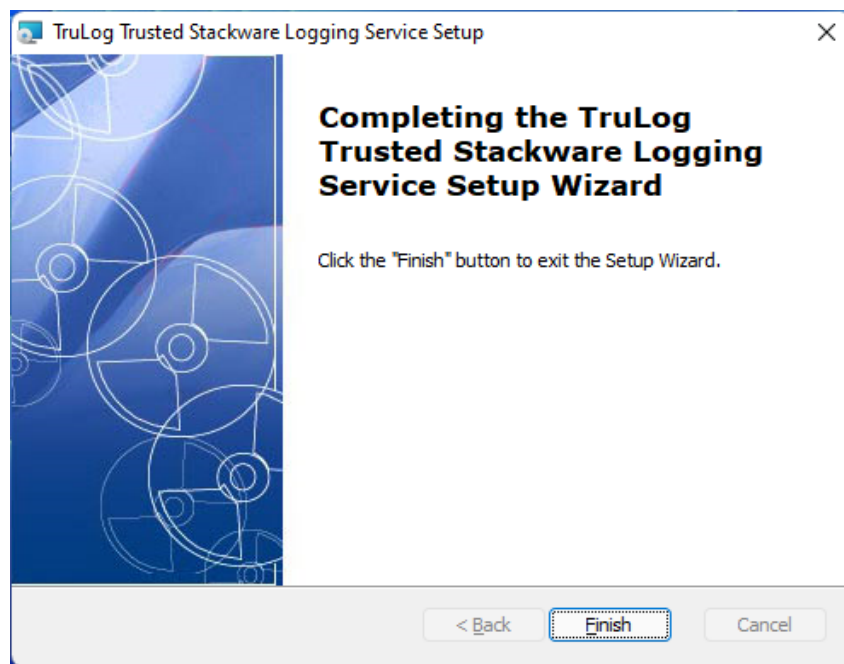


Figure 6 Installation Complete Dialog Box

b. Uninstallation

Select “TruLog Trusted Stackware Logging Service” from "Apps and Features" of the OS. The following is an operation example with Windows 11.

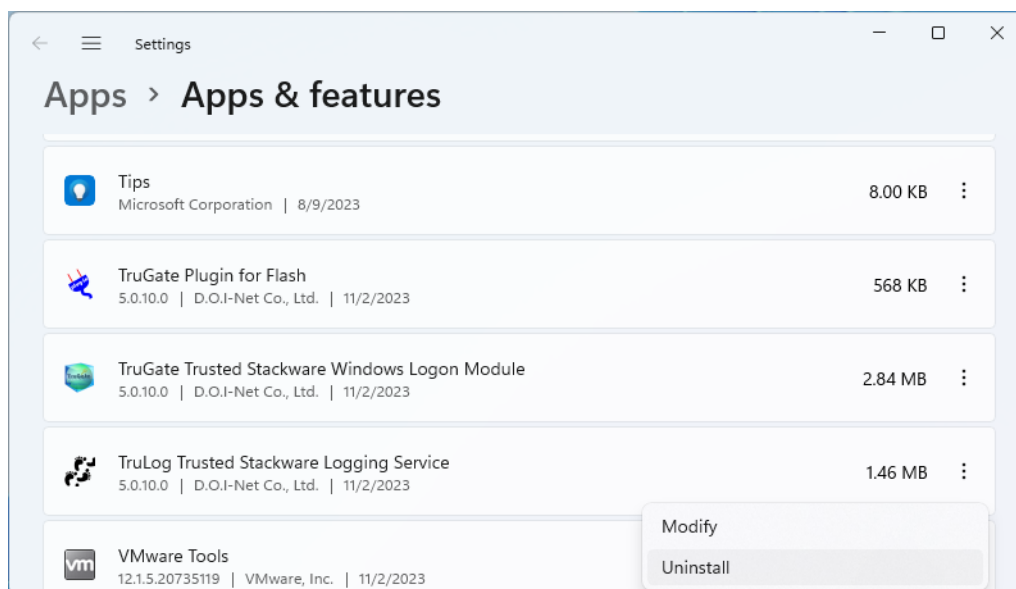


Figure 7 Apps and Features Dialog Box

Then click “Uninstall”, and uninstall Log Service following the message.

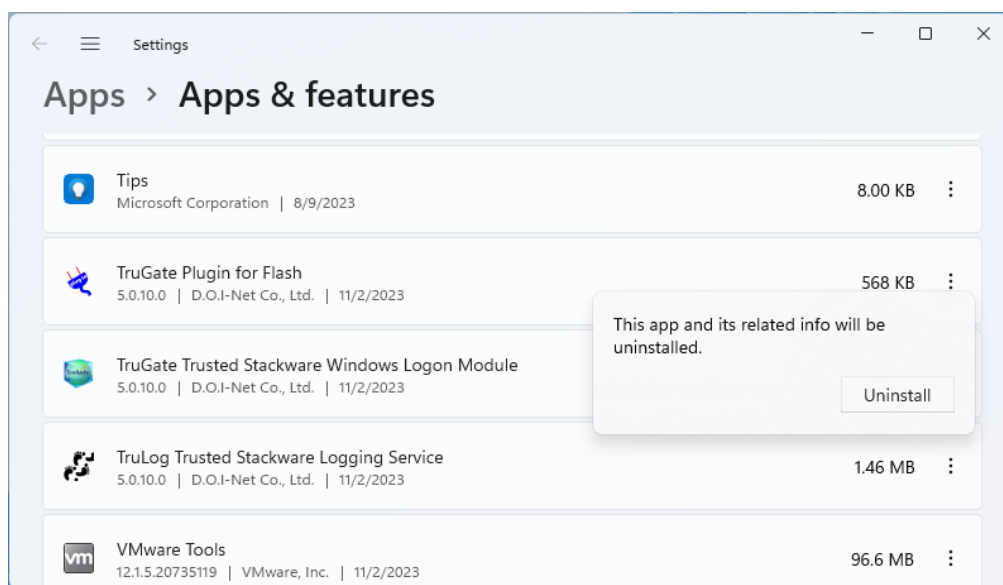


Figure 8 Confirmation of Program Uninstallation Dialog Box

During uninstallation, the following indicator dialog box will be displayed.

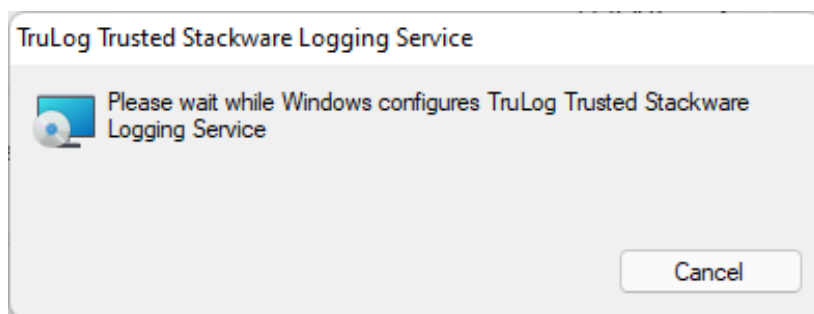


Figure 9 Uninstall Indicator Dialog Box

When uninstallation is completed, the indicator dialog box will disappear.

6. Operation Method

Note: Please log on with the administrator privilege of the local computer to operate the following application,

- a. Use on only Client PC
 - i. Client PC Configuration

Note: It is not necessary to configure the client PC if you want to store the logged data to the client PC. Also please do not check the “Pop Up Warning” check box on the “Basic Configuration” page of the Configuration Wizard.

b. Use on Client/Server System

i. Server PC Configuration

Configure the server PC if you use client/server system.

1) Launch Configuration Wizard

Click in the order of “Start” – “All Apps” – “TruStack”– “TruLog Configuration”.

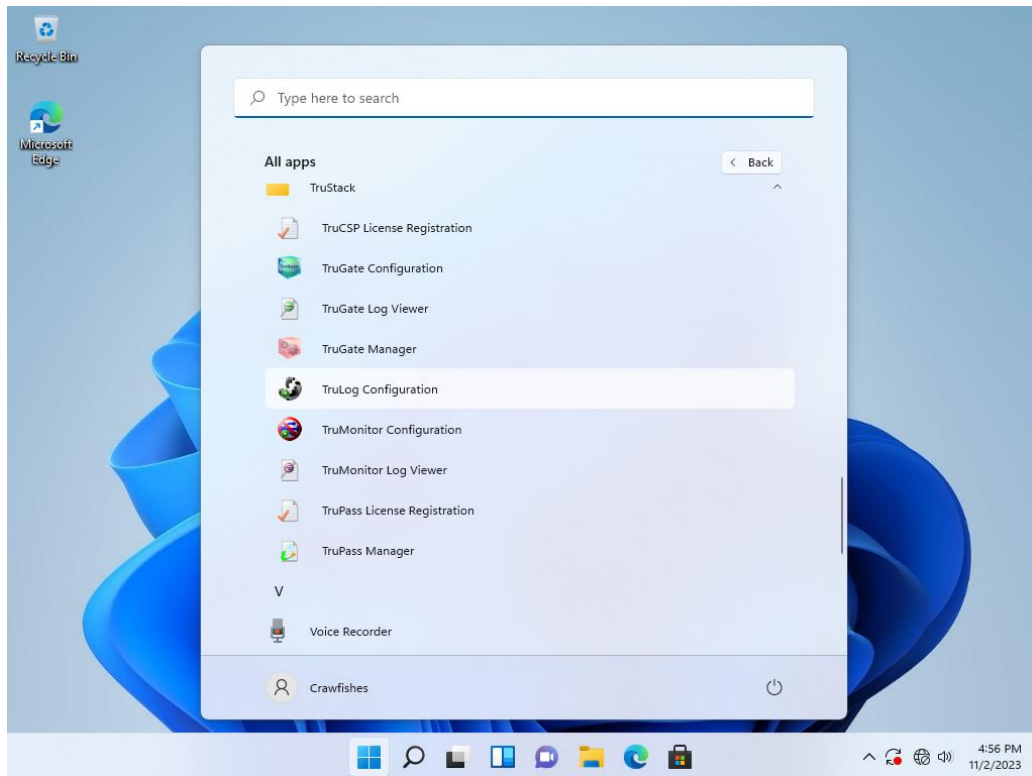


Figure 10 Launch Configuration Wizard

Then wizard page as follows is displayed, click the "Next" button.

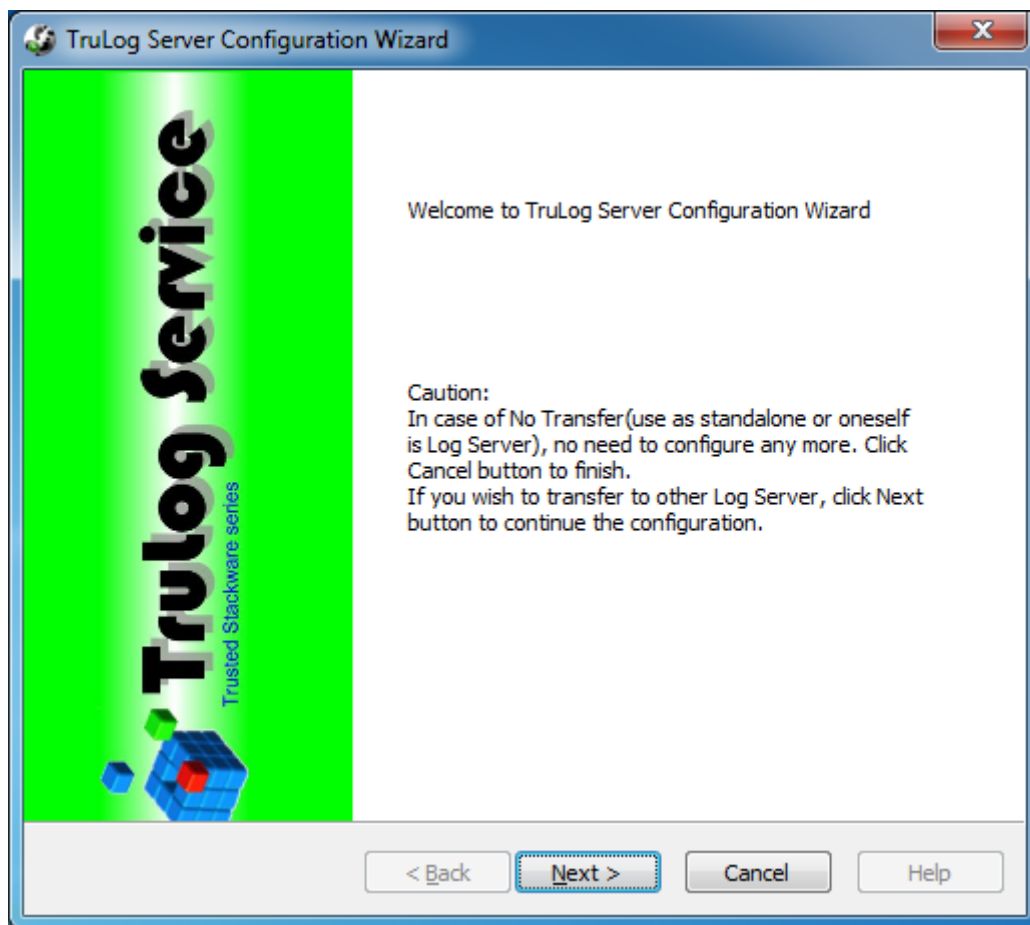


Figure 11 TruLog Configuration Wizard

2) Basic Configuration

If the “Basic Configuration” page is displayed, configure the options as needed.

(a) Configure Oneself as a Server

In the case of making oneself as the Log server, select the “Not Transfer” radio button.

Default: Not Transfer

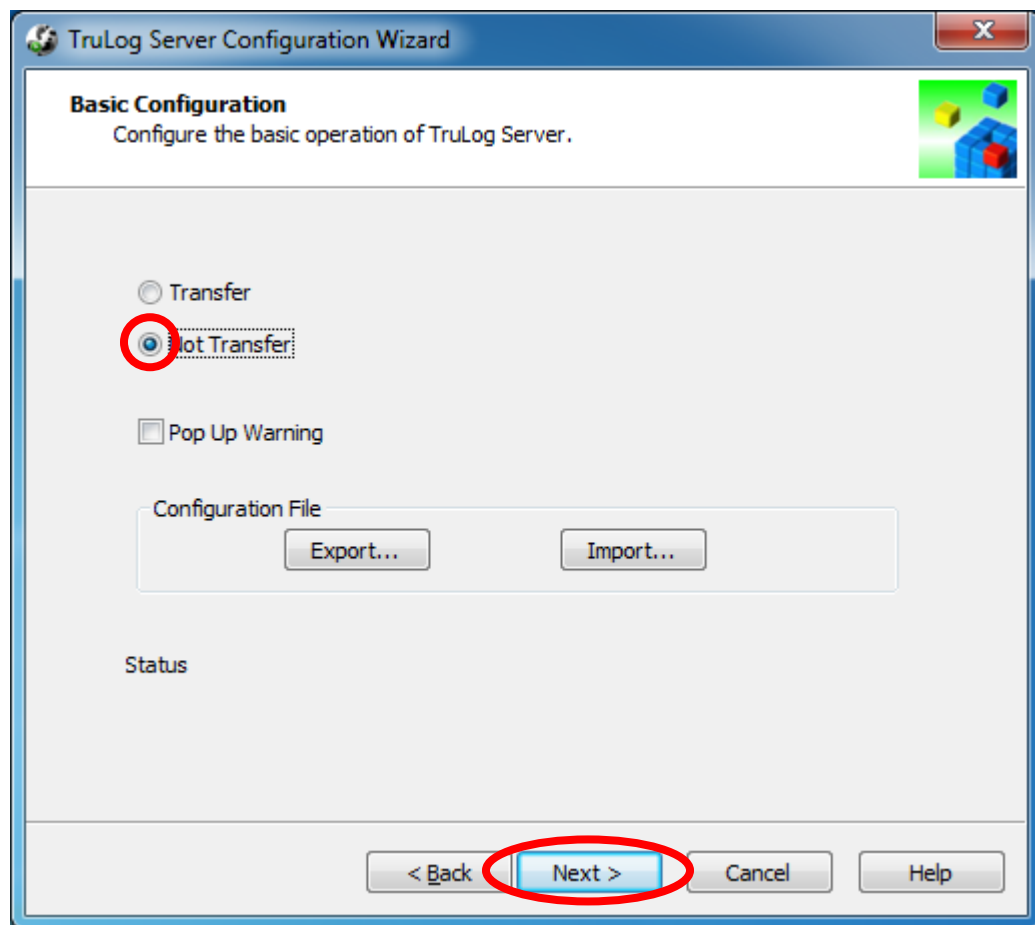


Figure 12 Basic Configuration - select server PC

(b) Pop Up Warning

If this check box is checked, the warning message will be popped up when the unauthorized event is detected by the linked security product.

Default: unchecked

Note: In the case of “Pop Up Warning” is checked, the screen of server PC will be filled by the popped up messages if the unauthorized event is frequently detected.

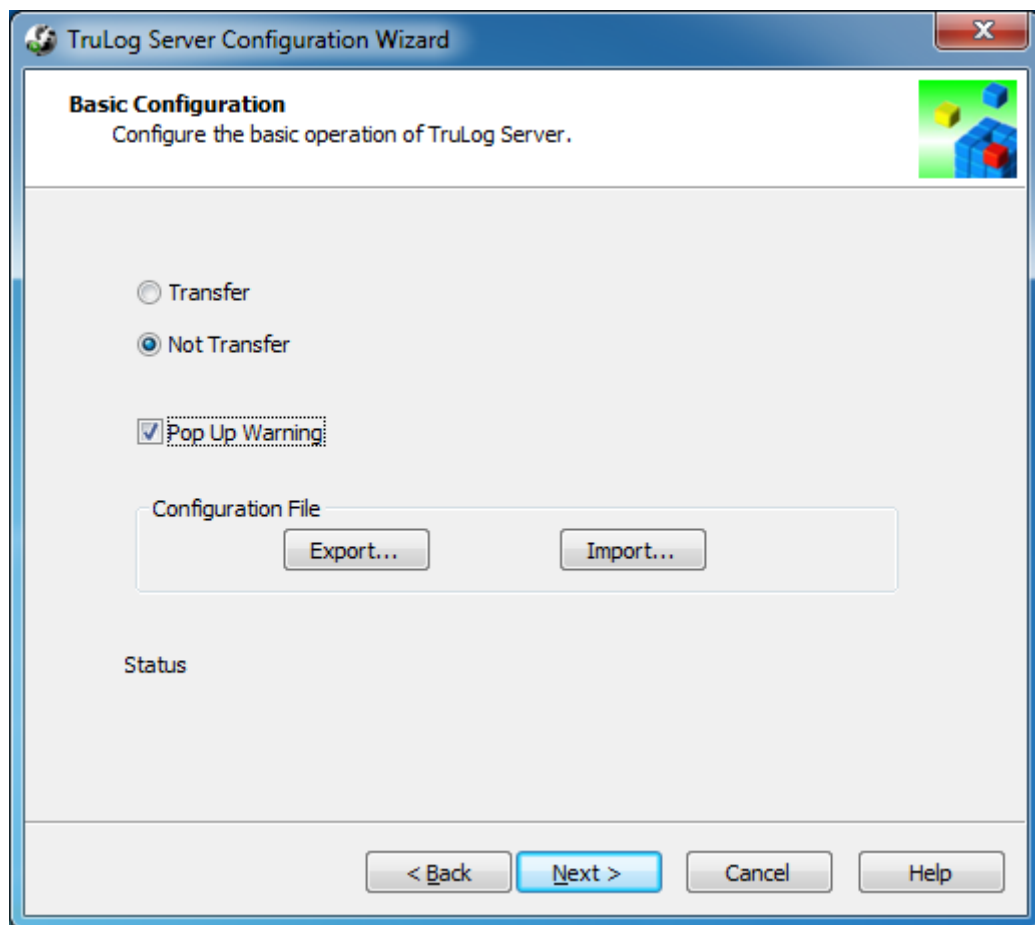


Figure 13 Basic Configuration – enable Popup Message

The following shows the popup message example in the case of “Pop Up Warning” is enabled. If the popup message is displayed, confirm the message carefully, and then click the “OK” button to close the dialog box.

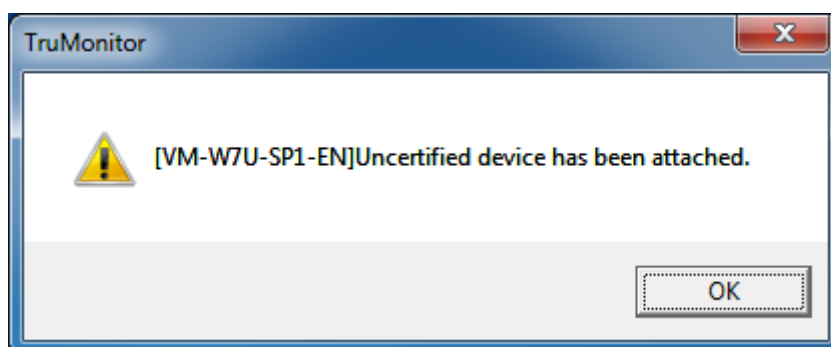


Figure 14 Warning Pop Up Message

3) End of Configuration Wizard

Click the “Next” button after completed basic configuration. The configured data

will be stored when the “Finish” button on the “End” page is clicked. If the “Cancel” button is clicked, the configured data will be discarded.

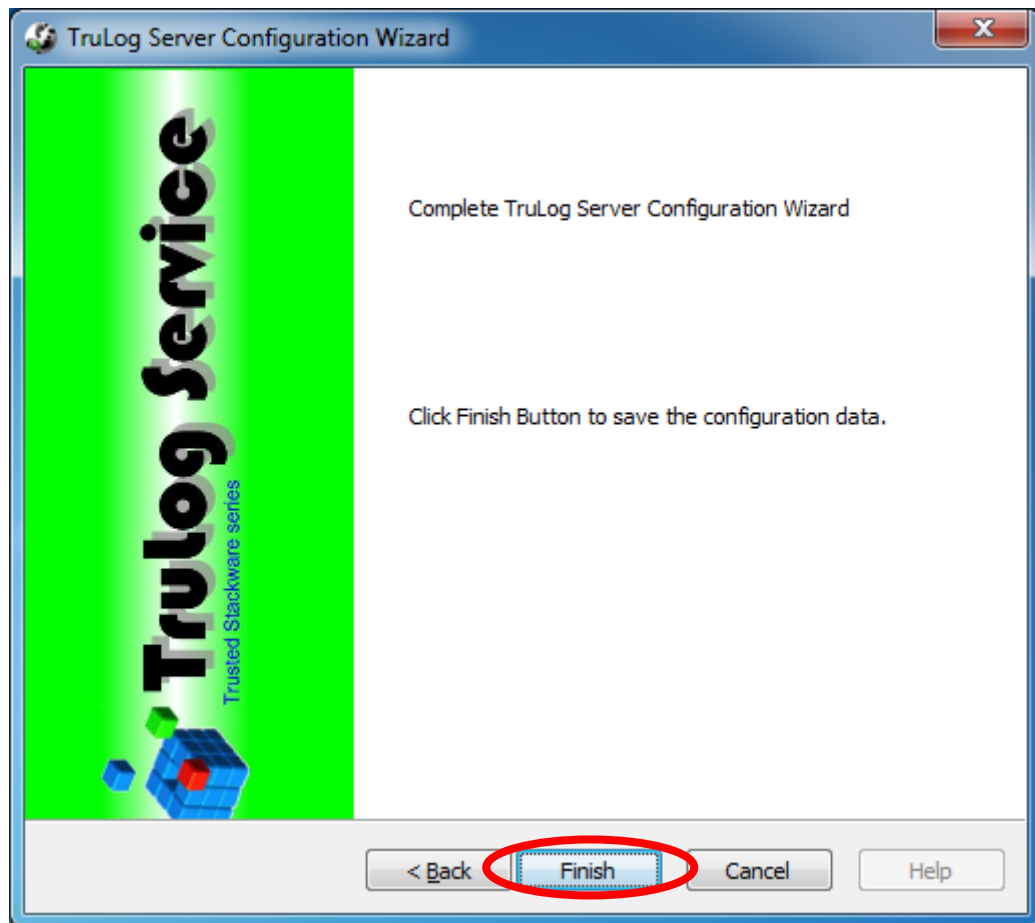


Figure 15 End of Configuration Wizard

4) Firewall Configuration

(a) Launch Security Enhanced Windows Defender Firewall

On the server PC with Log Service installed, type “Security Enhanced Windows Defender Firewall” into the search box, and launch the found it.

(b) Inbound Rules

Then “Security Enhanced Windows Defender Firewall” window is displayed, select “Inbound Rules” in the left pane.

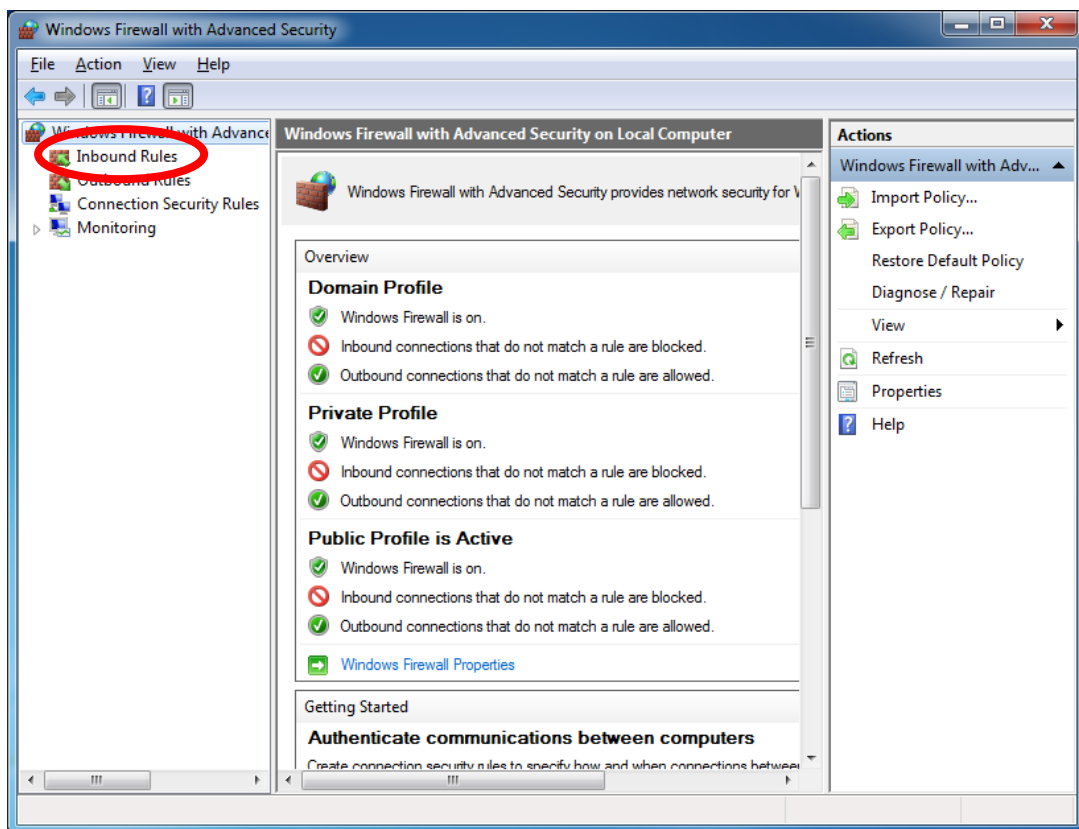


Figure 16 Security Enhanced Windows Defender Firewall - launched

When “Inbound Rules” is displayed in the middle pane, click “New Rules” from the right pane.

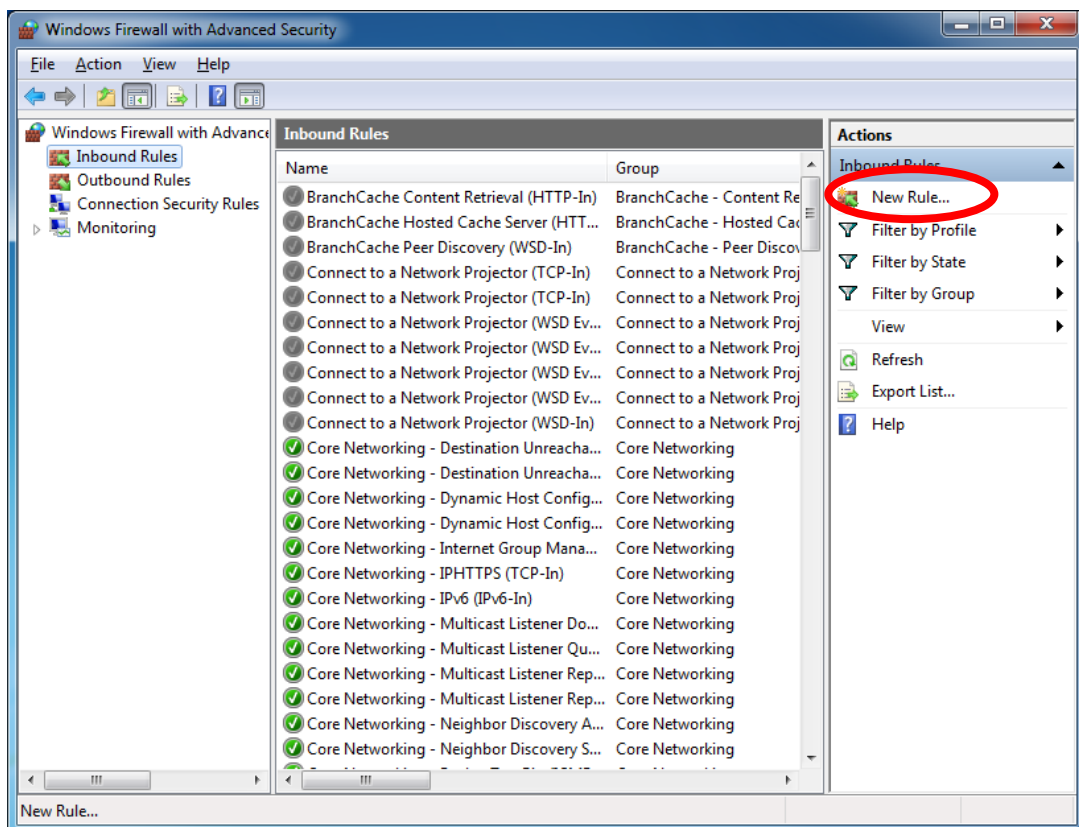


Figure 17 Security Enhanced Windows Defender Firewall - Inbound Rules

(c) Add New Rules

After “New Inbound Rule Wizard” is launched and “Rule Type” page is displayed, select the “Custom” radio button, and click the “Next” button.

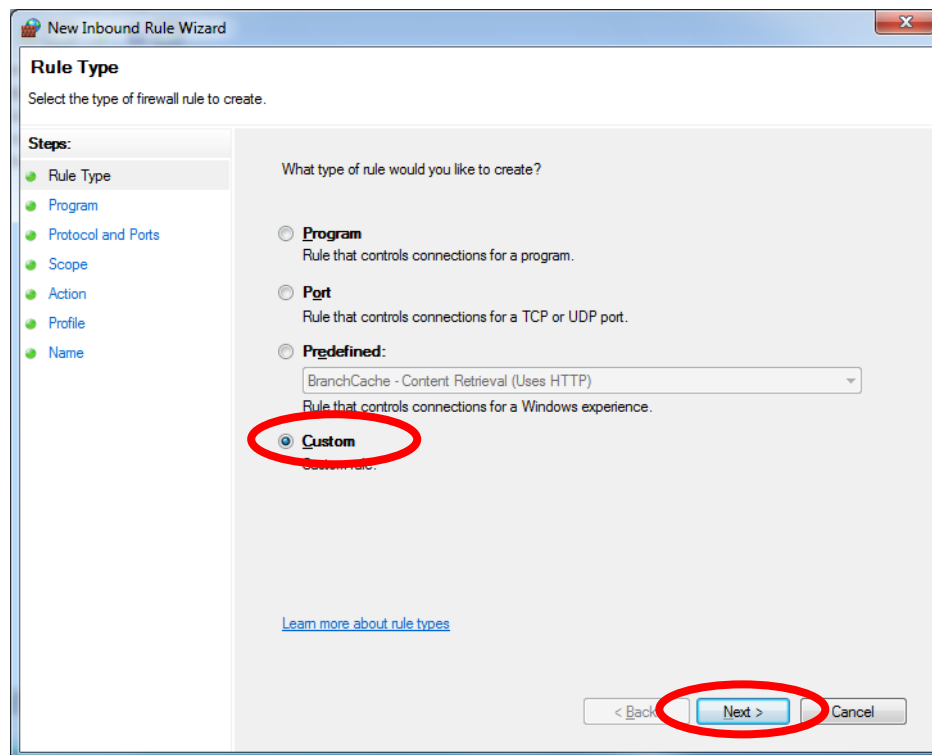


Figure 18 Security Enhanced Windows Defender Firewall - Rule Type

Click the “Customize...” button after “Program” page is displayed.

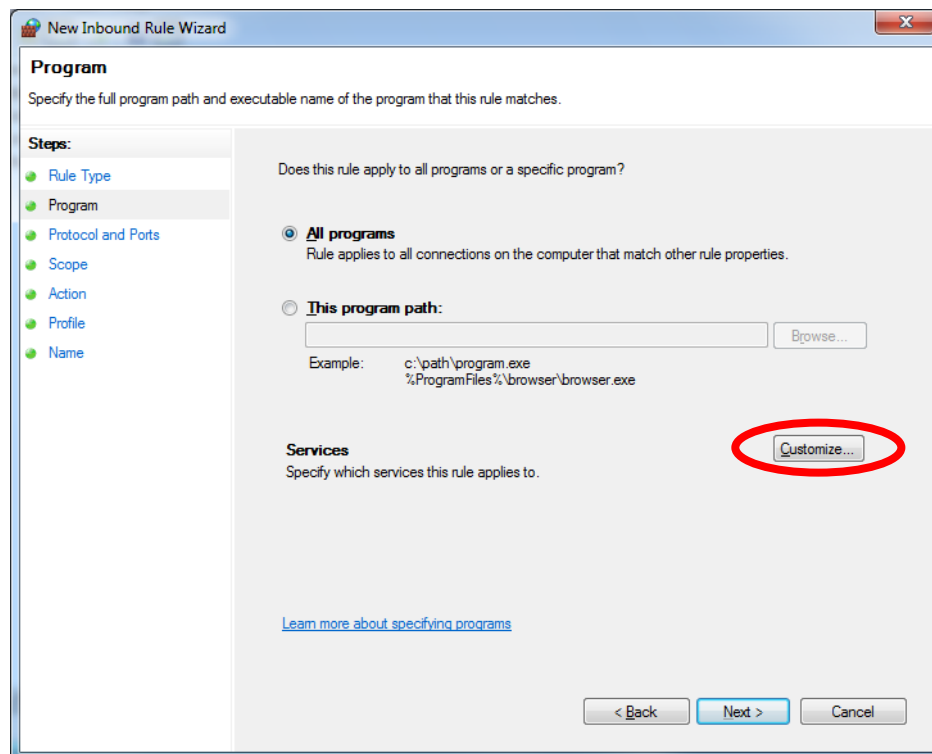


Figure 19 Security Enhanced Windows Defender Firewall - Program of Inbound Rules

“Customize Service Settings” page as follows will be displayed, then select the “Apply to this service” radio button, and click the “OK” button after selecting “TruLog Service” from a list box.

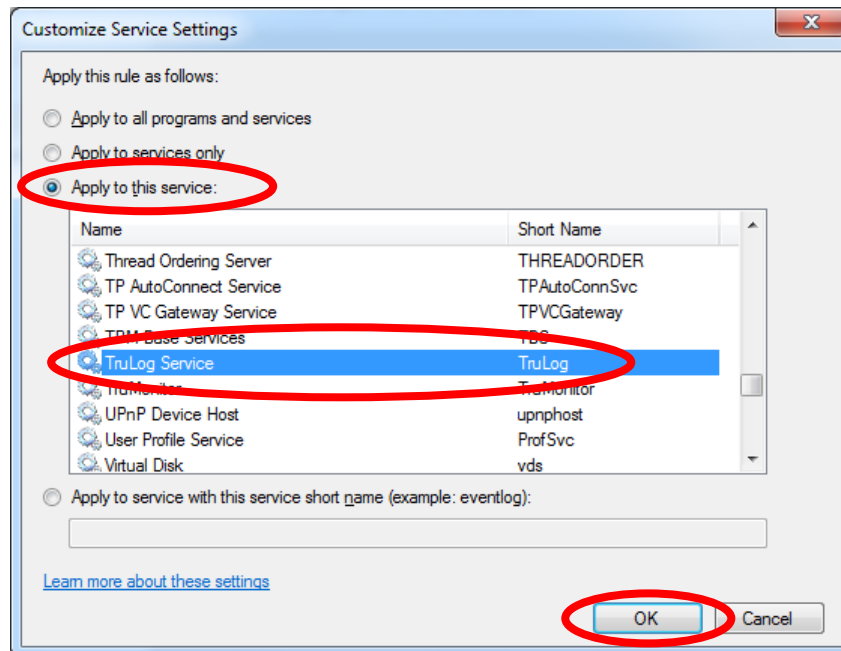


Figure 20 Security Enhanced Windows Defender Firewall - Customize Service Settings

When returned to “Program” page, click the “Next” button.

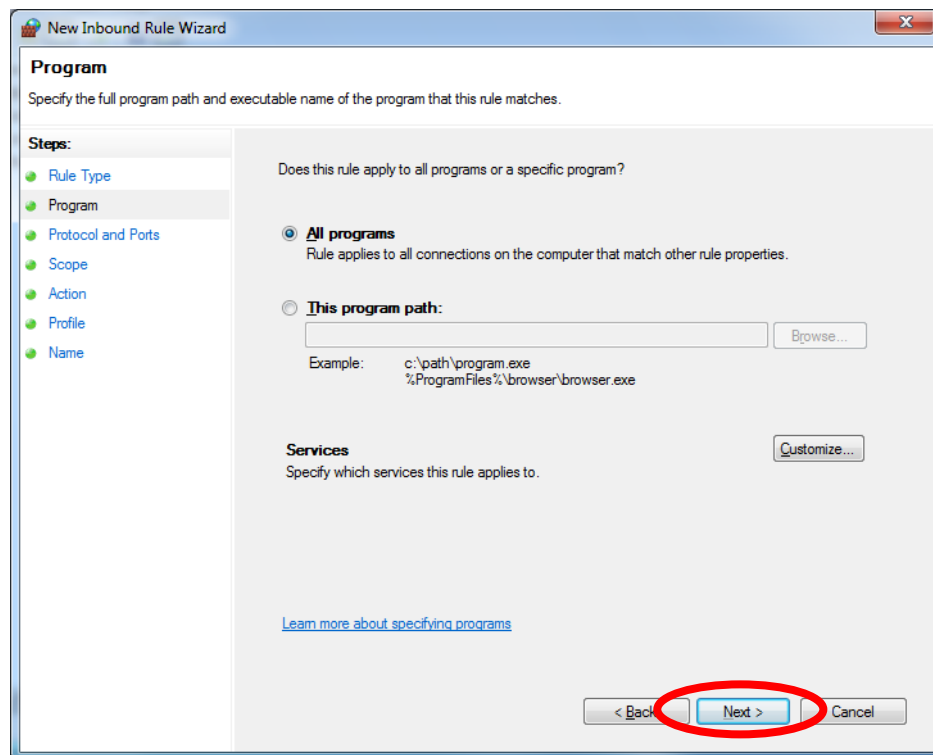


Figure 21 Security Enhanced Windows Defender Firewall - End of configuration for Program

Then “Protocol and Ports” page as follows is displayed, click the “Next” button.

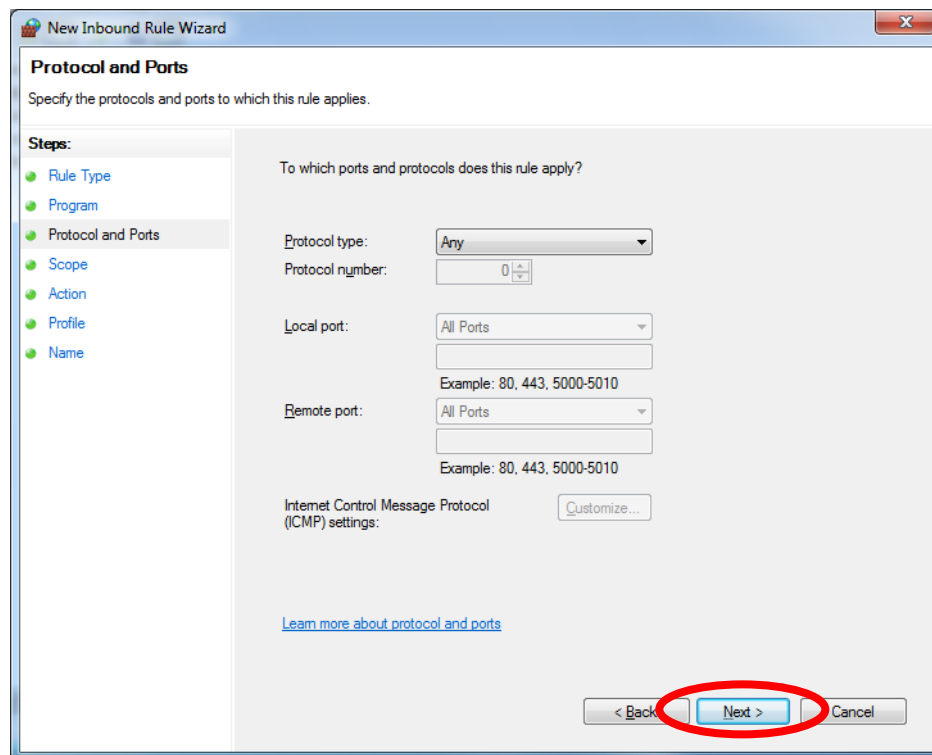


Figure 22 Security Enhanced Windows Defender Firewall - Protocol and Ports

“Scope” page as follows will be displayed, then click “Next” button.

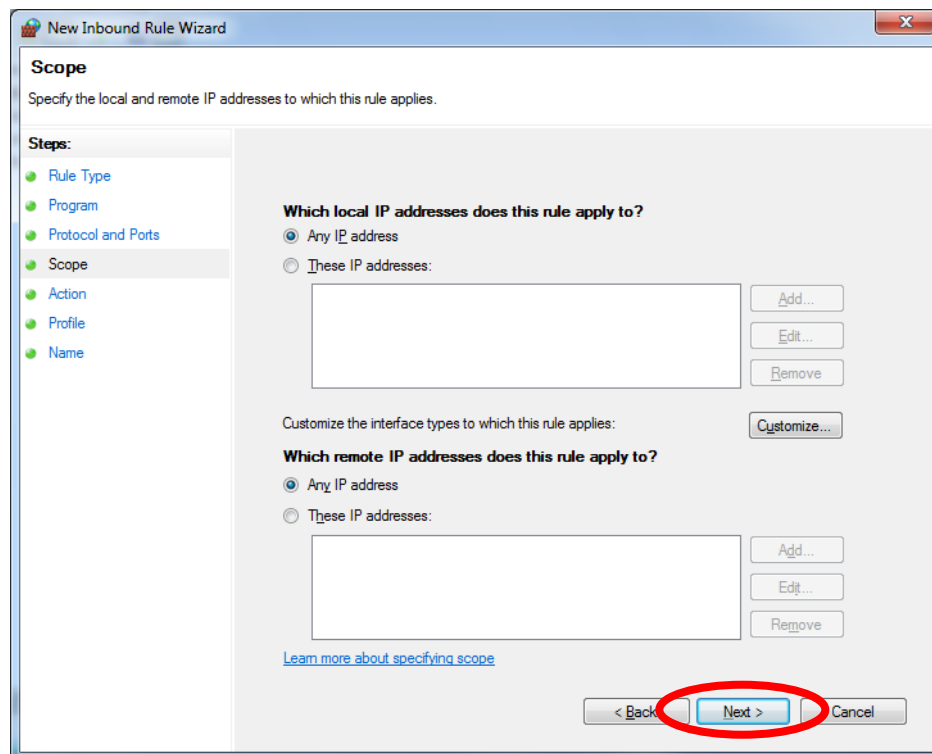


Figure 23 Security Enhanced Windows Defender Firewall - Scope of Inbound Rules

“Action” page as follows will be displayed, then click the “Next” button.

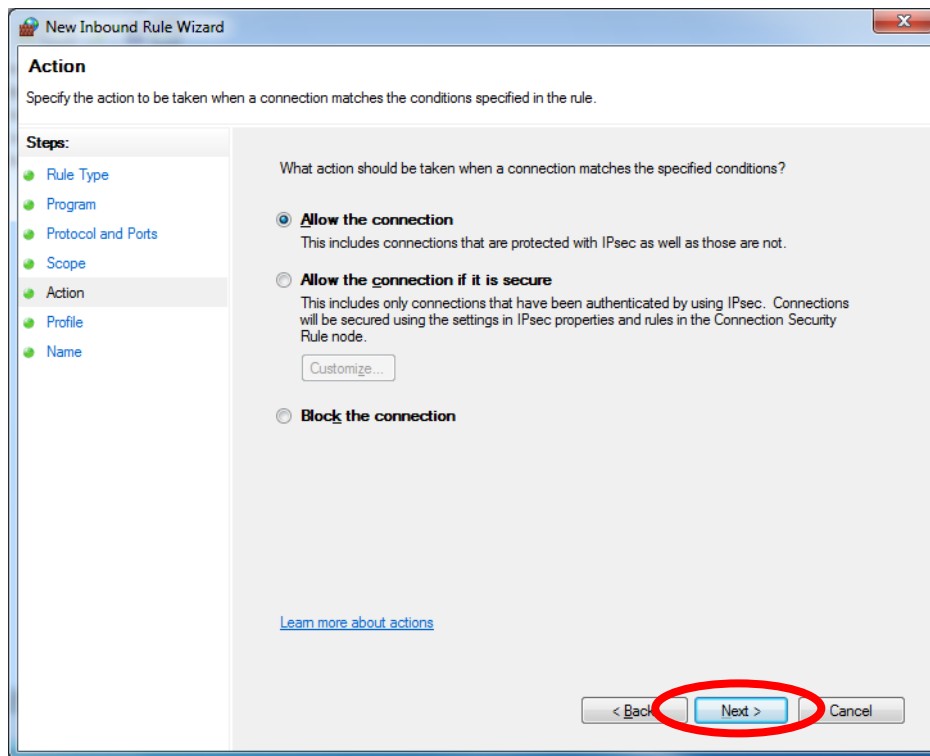


Figure 24 Security Enhanced Windows Defender Firewall - Action of Inbound Rules

“Profile” page as follows will be displayed, then click the “Next” button.

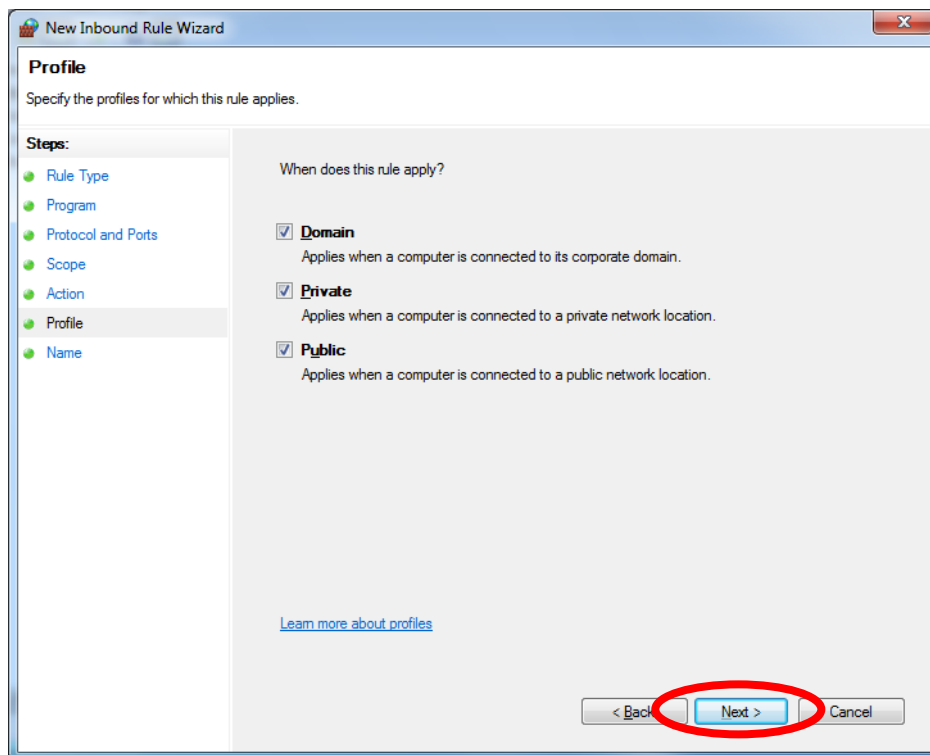


Figure 25 Security Enhanced Windows Defender Firewall - Profile of Inbound Rules

If “Name” page as follows is displayed, then enter “TruLog Service” in the “Name” edit box, and click the “Finish” button to complete “New Inbound Rule Wizard”.

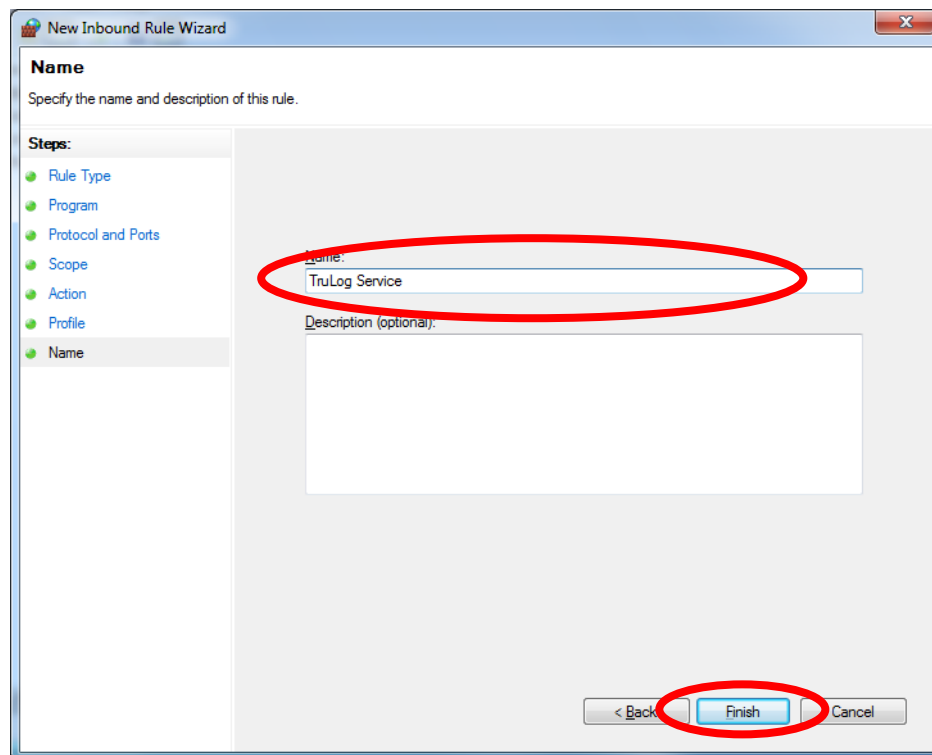


Figure 26 Security Enhanced Windows Defender Firewall - Name of Inbound Rules

(d) End of Security Enhanced Windows Defender Firewall

When returned to “Inbound Rules” page, confirm that the newly added rule is displayed. After that, finish “Security Enhanced Windows Defender Firewall” by clicking in the order of “File” – “Exit” from the menu bar.

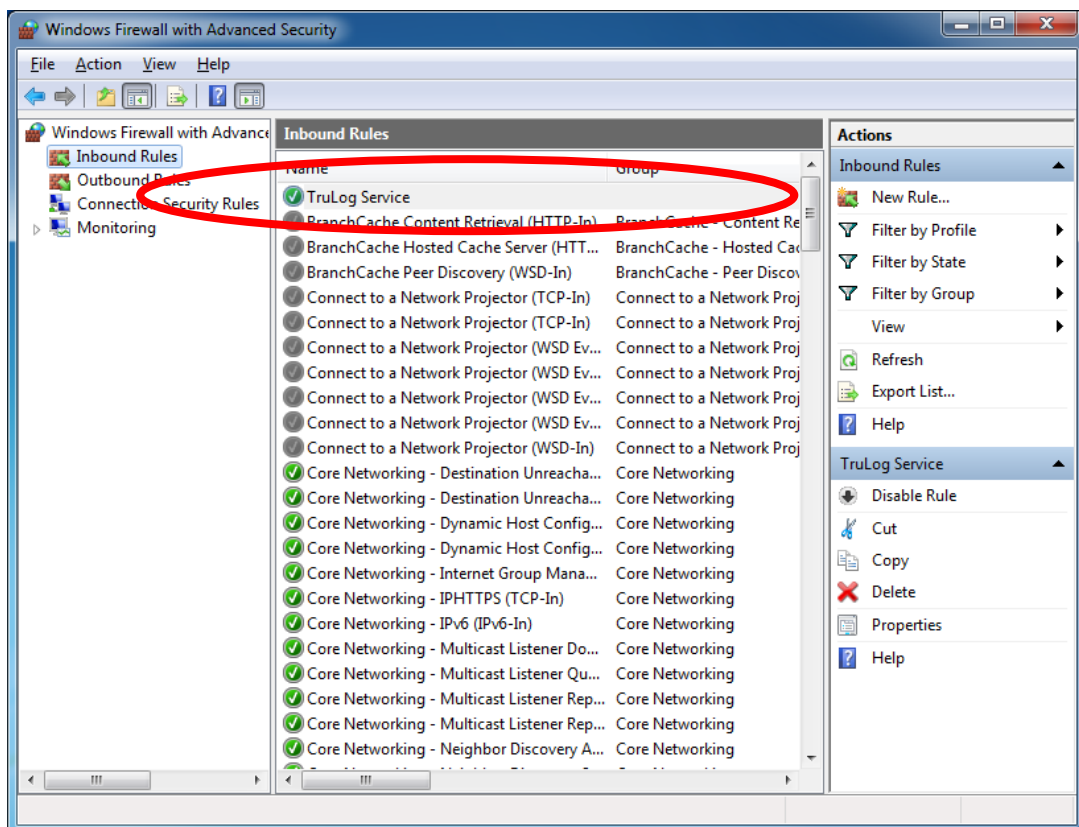


Figure 27 Security Enhanced Windows Defender Firewall - New Inbound Rules

5) Add Communication Pipe

In the case of the network configuration is Workgroup, and if you fail in Connection Test of the client PC described below even though the correct server PC is selected, add the communication pipe according to the following procedure.

(a) Launch Local Security Policy

On the server PC with Log Service installed, type “Local Security Policy” into the search box, and launch the found it.

(b) Add Named Pipe

Then “Local Security Policy” window is displayed, select “Security Options” from the left pane, and double click “Network access: Named Pipes that can be accessed anonymously” from the right pane.

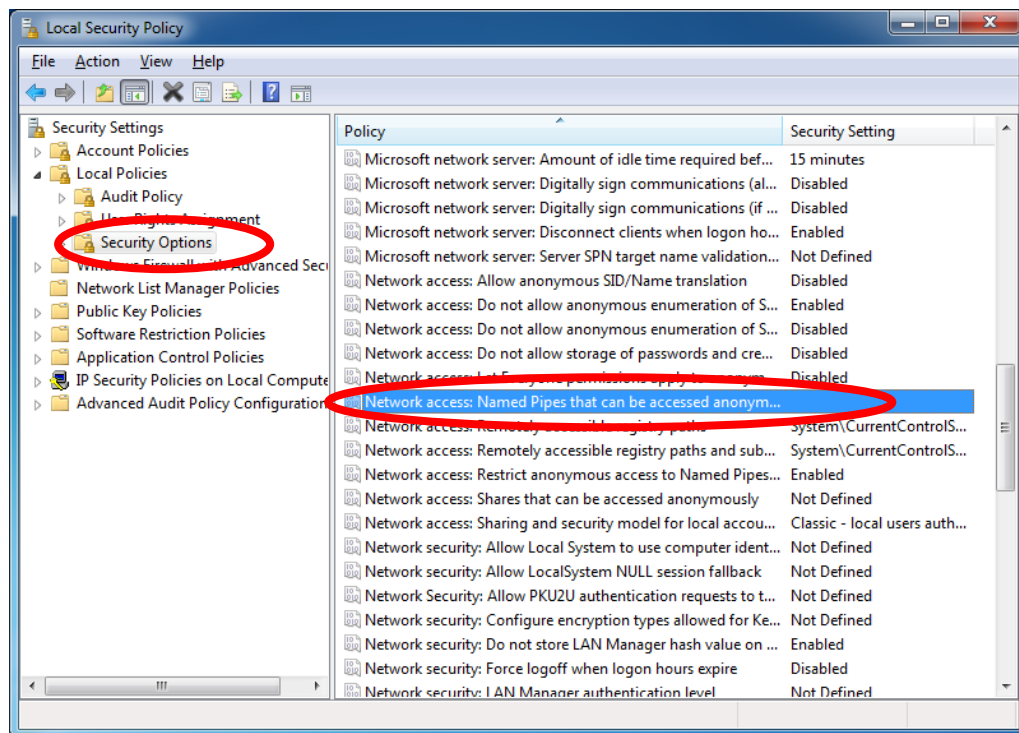


Figure 28 Server PC Configuration - Security Options (Select Named Pipe)

“Network access: Named Pipes that can be accessed anonymously Property” as follows will be displayed, then click the center pane on “Local Policy Setting” tab, and add “trulogsvc”.

If successfully added, click the “OK” button to finish dialog box.

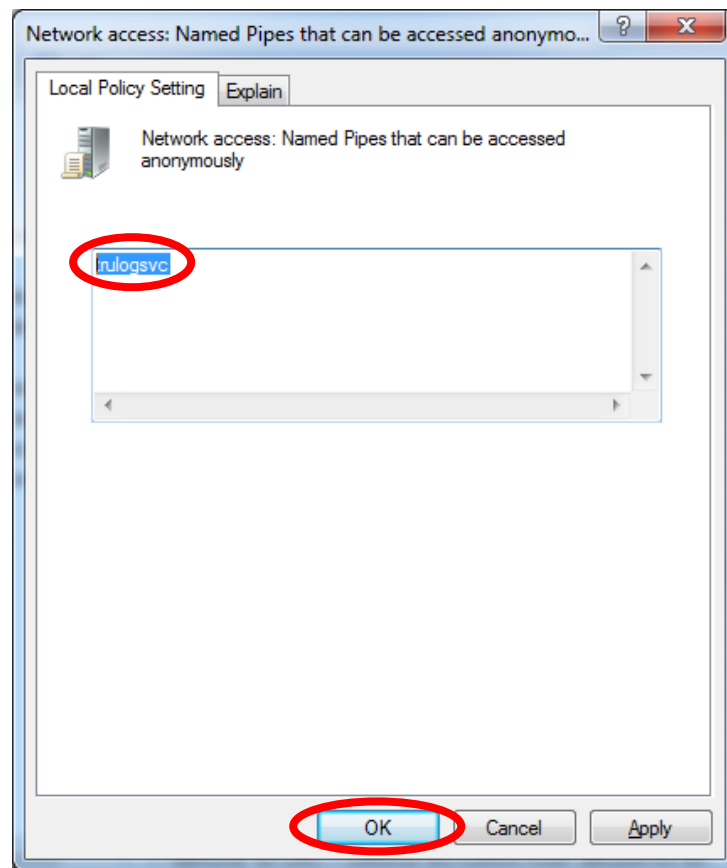


Figure 29 Server PC Configuration - Local Policy Setting

(c) Add Access Permission

After adding Named Pipe successfully, double click "Network access: Let Everyone permissions apply to anonymous users" from the right pane.

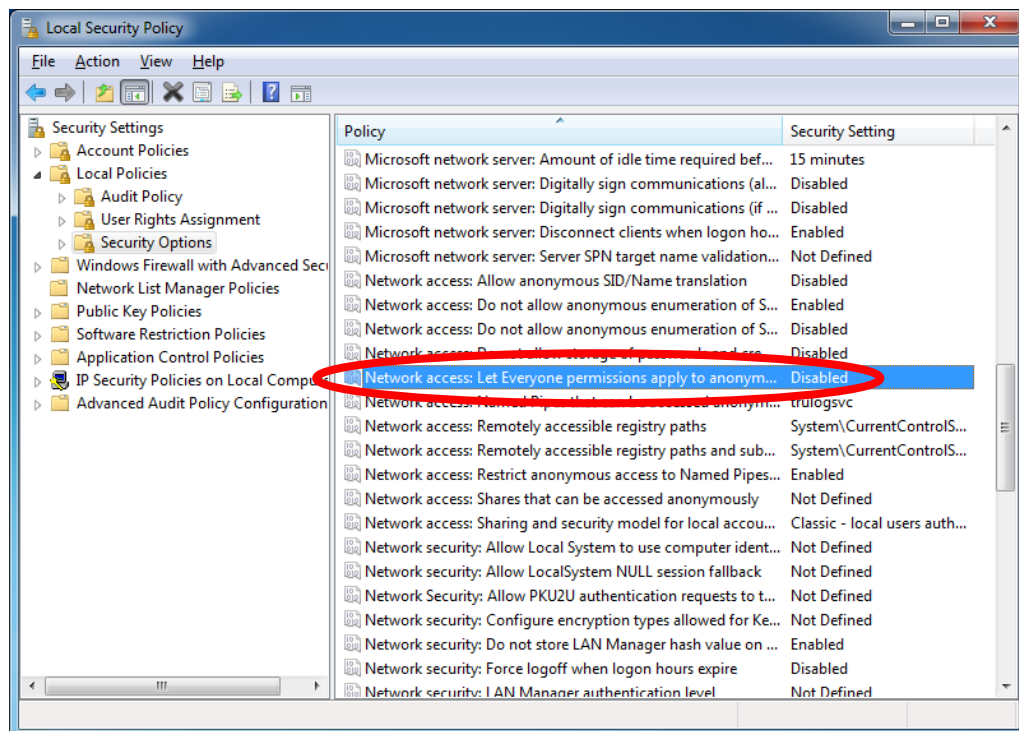


Figure 30 Server PC Configuration - Security Options (Access Permissions)

If “Network access: Let Everyone permissions apply to anonymous users Property” as follows is displayed, then select the “Enable” radio button on “Local Policy Setting” tab, and click the “OK” button to finish dialog box.

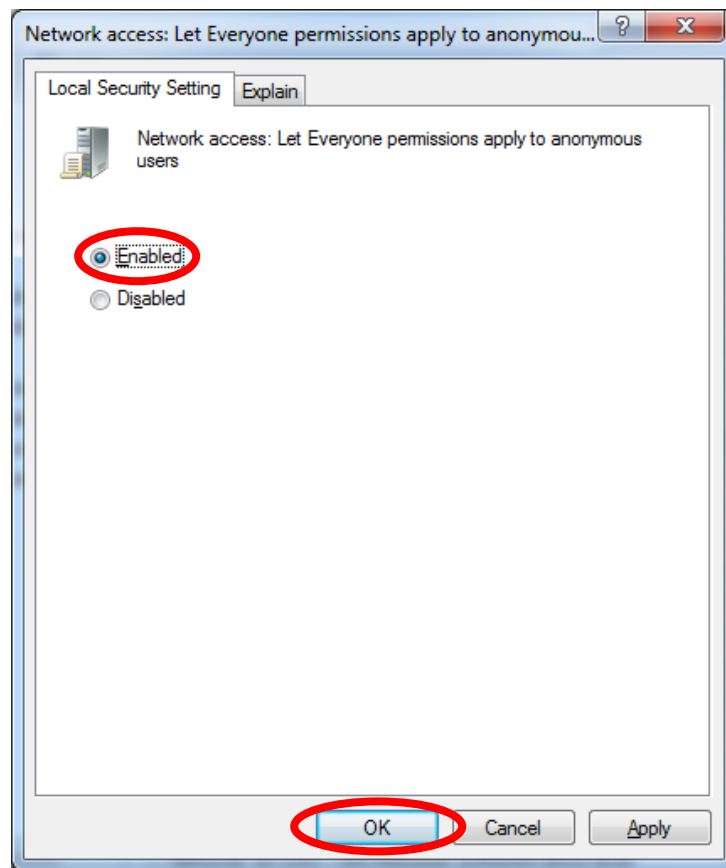


Figure 31 Server PC Configuration - Local Security Setting

(d) End of Local Security Policy

After adding of Name Pipe and Access Permission, click in the order of “File” – “Exit” on the menu bar of “Local Security Policy” window to complete.

ii. Client PC Configuration

1) Launch Configuration Wizard

Click in the order of “Start” – “All Apps” – “TruStack” – “TruLog Configuration”.

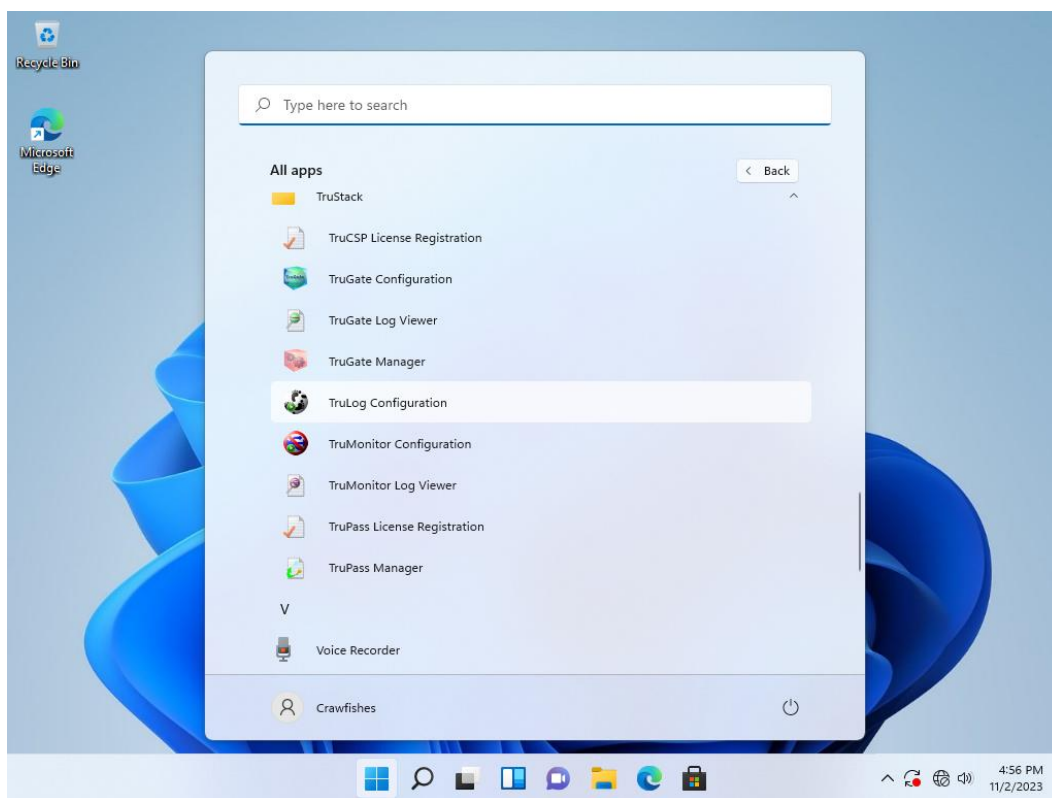


Figure 32 Launch Configuration Wizard

Then wizard page as follows is displayed, click the "Next" button.

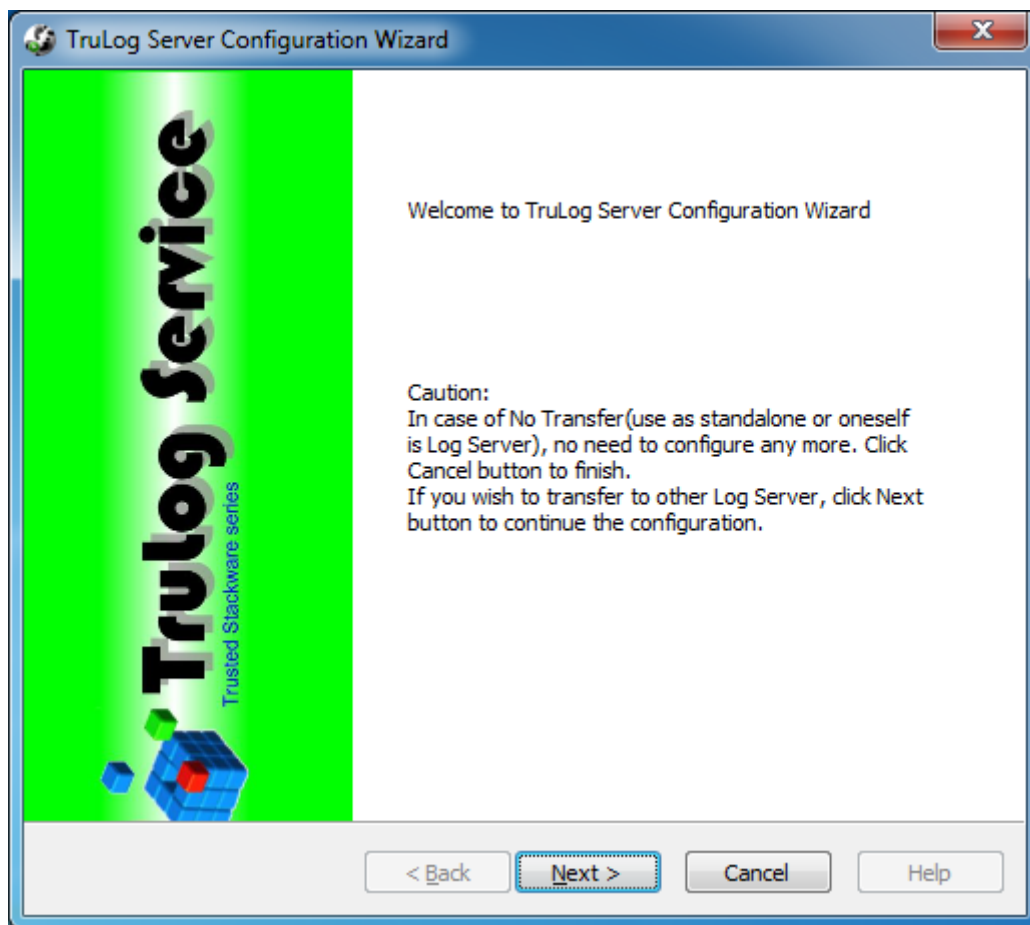


Figure 33 TruLog Configuration Wizard

2) Basic Configuration

If the “Basic Configuration” page as follows is displayed, click the “Next” button after configuring the following items.

(a) Transfer Log Data to Server

If you use TruLog Service on the client/server system, click the “Transfer” radio button according to the displayed message.

Default: Not Transfer

(b) Pop Up Warning

If the “Transfer” radio button is selected, this check box will not be available.

Default: unchecked

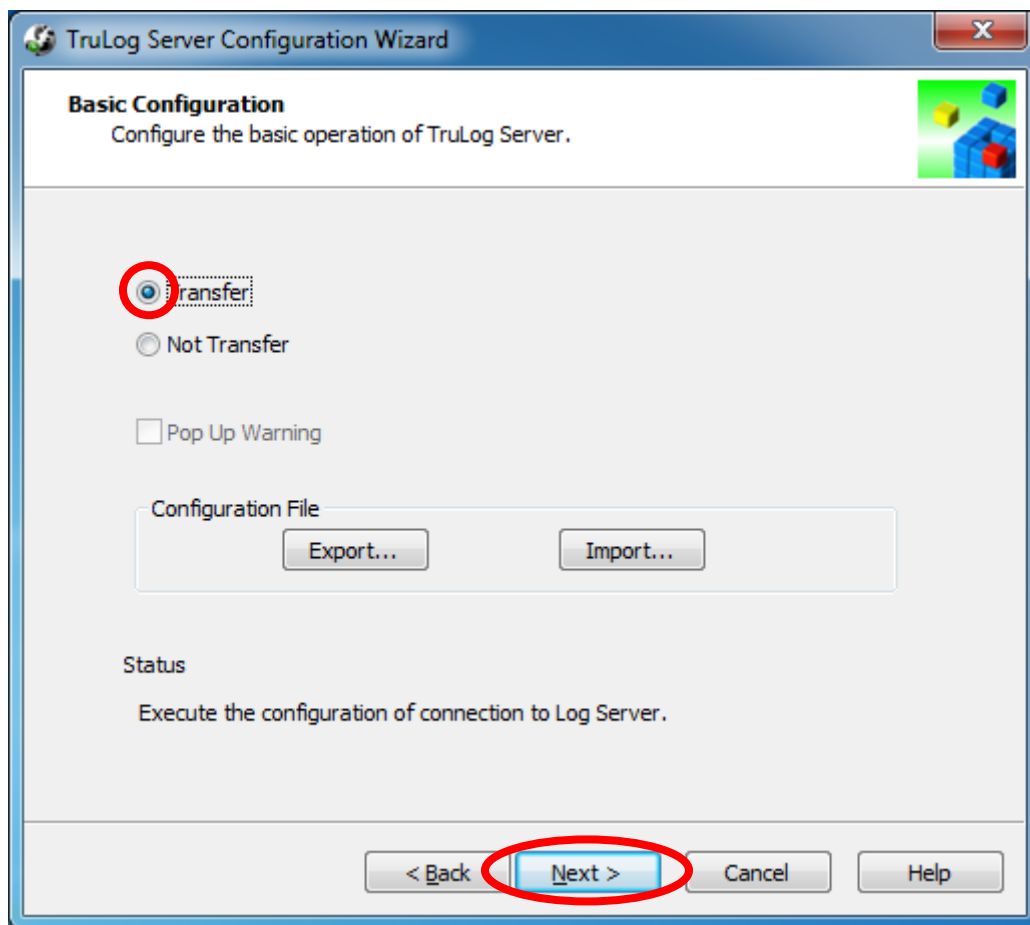


Figure 34 Basic Configuration - client PC configuration

3) Server Configuration

Note: To execute server configuration, it is necessary that the server PC has been configured. Please configure the server PC first.

When the “Server Configuration” page as follows is displayed, select the server PC by clicking the “Select...” button, or enter the server PC name in the “Log Server” edit box.

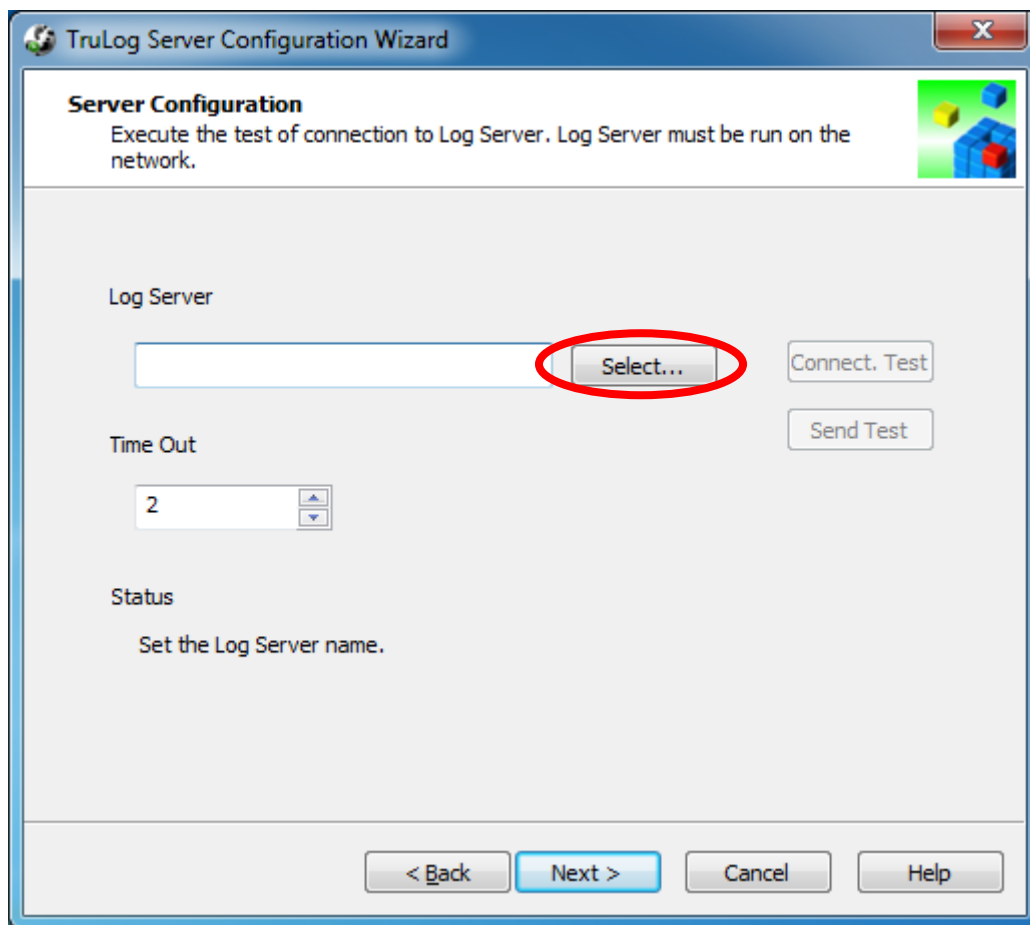


Figure 35 Server Configuration - assign server PC

(a) Select Server PC

When the “Select...” button is clicked, the “Browse for Computer” dialog box as follows will be displayed.

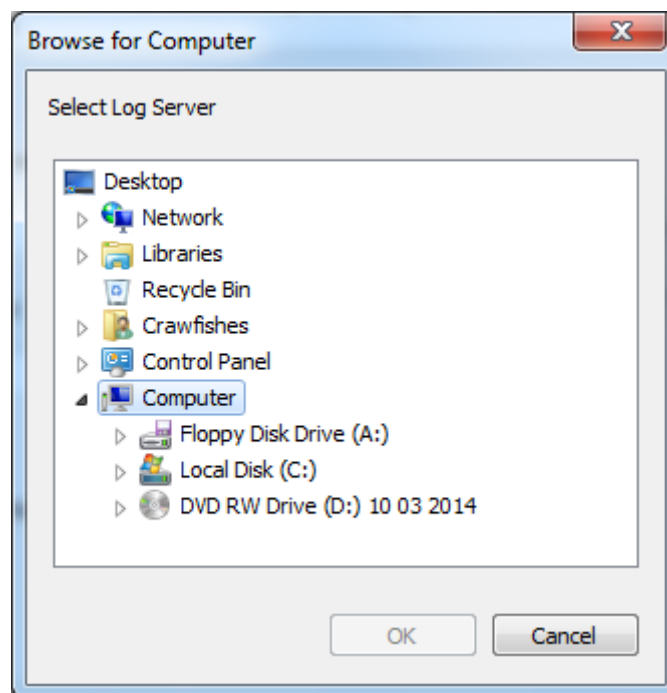


Figure 36 Browse for Computer - launch

Then select the server PC from Network that the Log Service has been installed.

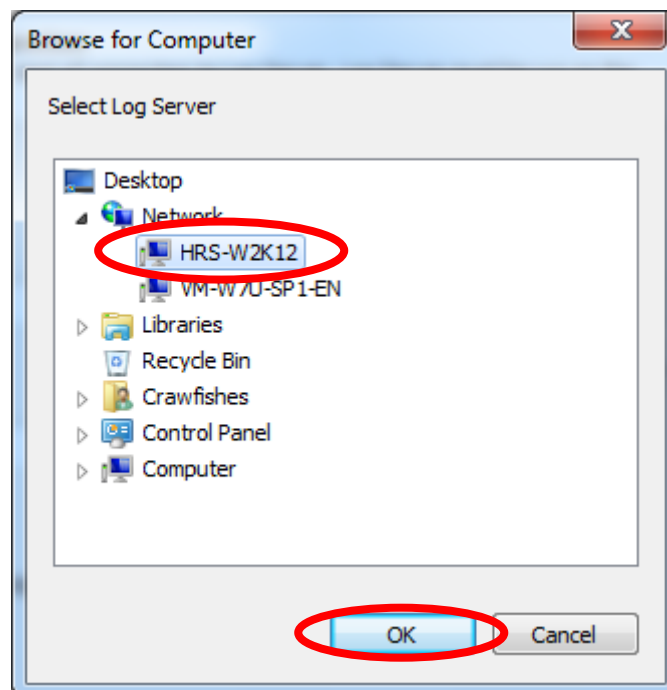


Figure 37 Browse for Computer - select server PC

If valid computer is selected, the "OK" button becomes active. After

selecting the server PC, click the “OK” button and close the “Browse for Computer” dialog box.

If the server PC is selected normally, the selected server PC name will be filled in the “Log Server” edit box on the “Server Configuration” page.

(b) Connection Test

If the “Log Server” edit box is filled by the server PC name, the “Connect. Test” and “Send Test” buttons become available. If they become available, click the “Connect. Test” button.

When the connection test with the selected server PC is successfully done, the following message will be displayed on the status line.

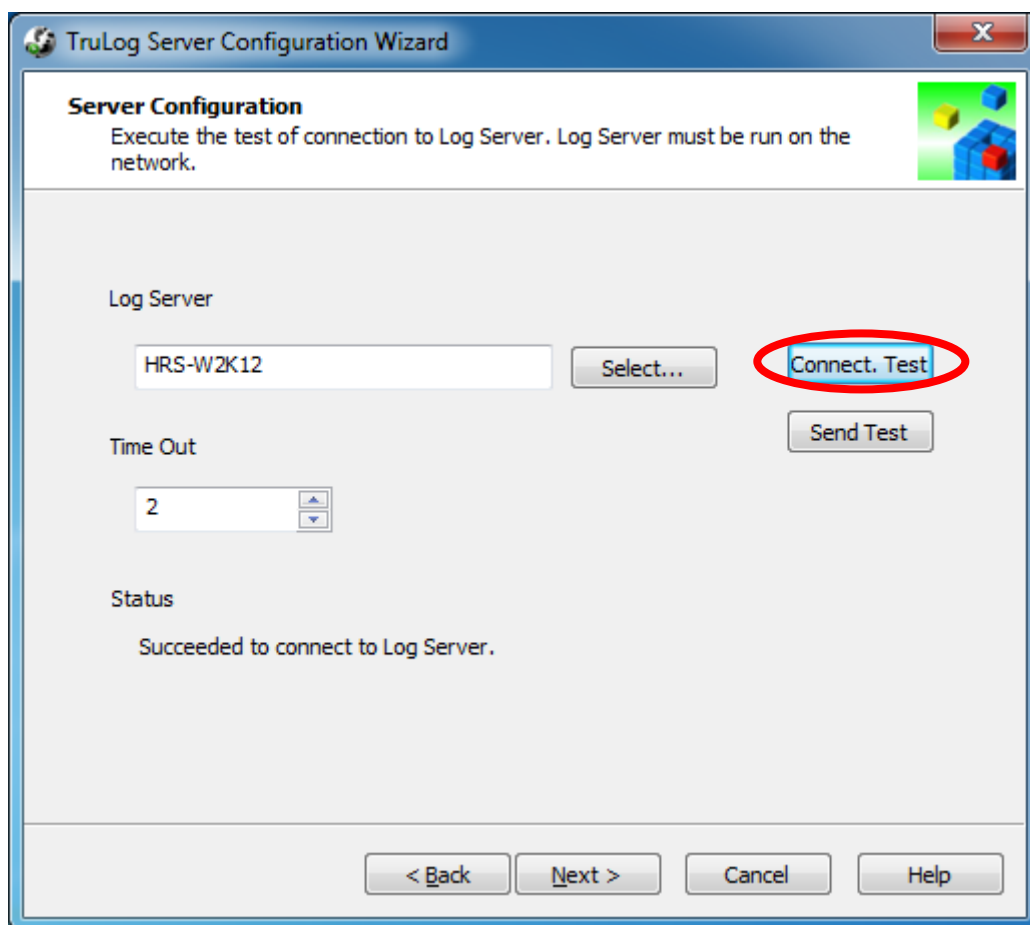


Figure 38 Server Configuration - success connection test

In the case of the failed message as follows is displayed, check whether you select the correct server PC. In addition to that, try to increase the “Time Out” value according to the network traffic.

When you click the “Send Test” button, the test data will be sent to the Log Service on the client PC. Then, if the connection to the server PC is normal,

the test data will be transferred to the server PC. Otherwise, the test data will be kept in the client PC until the connection to the server PC becomes available.

Launch the “TruGate Log Viewer” on the server PC, and check if the test data has been correctly received or not.

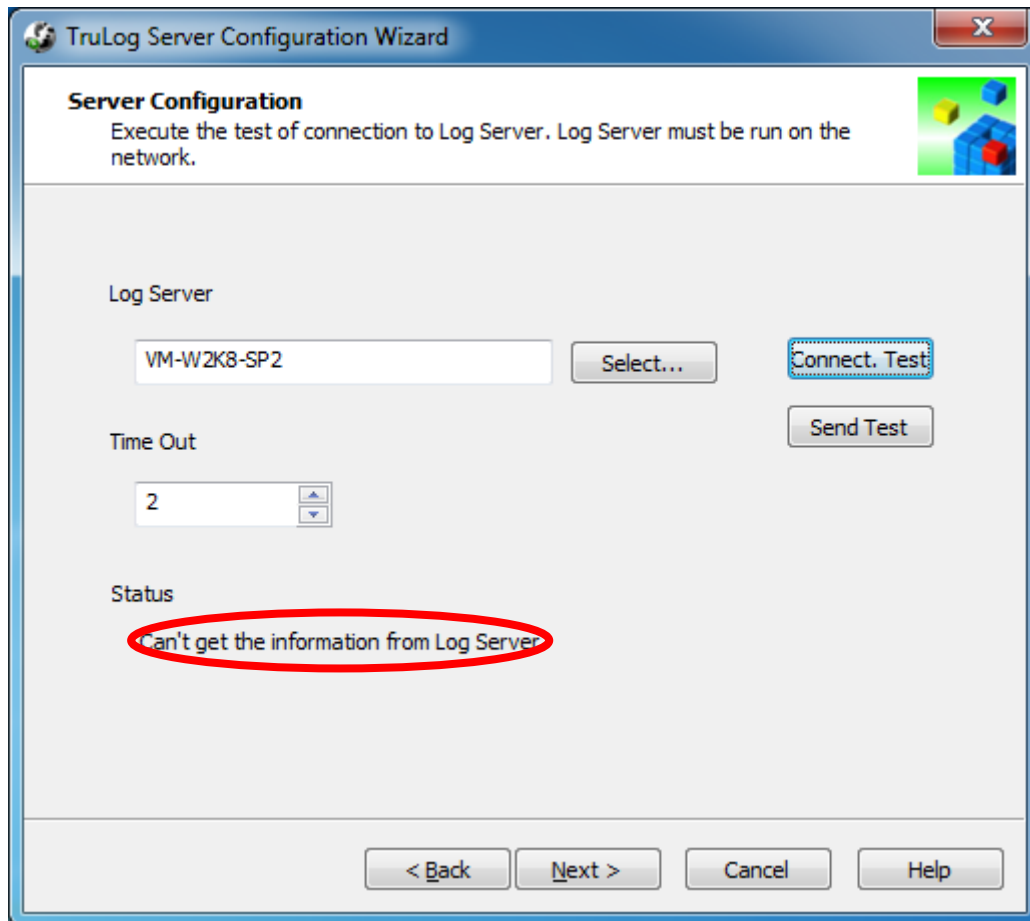


Figure 39 Server Configuration - failed connection test

4) End of Configuration Wizard

If the connection test is successfully done, click the “Next” button. Then the “Last” page as follows is displayed, click the “Finish” button to save the data you configured. The configured data will be discarded (however, data imported with the “Import” button on the “Basic Configuration” page will not be discarded) if you click the “Cancel” button.

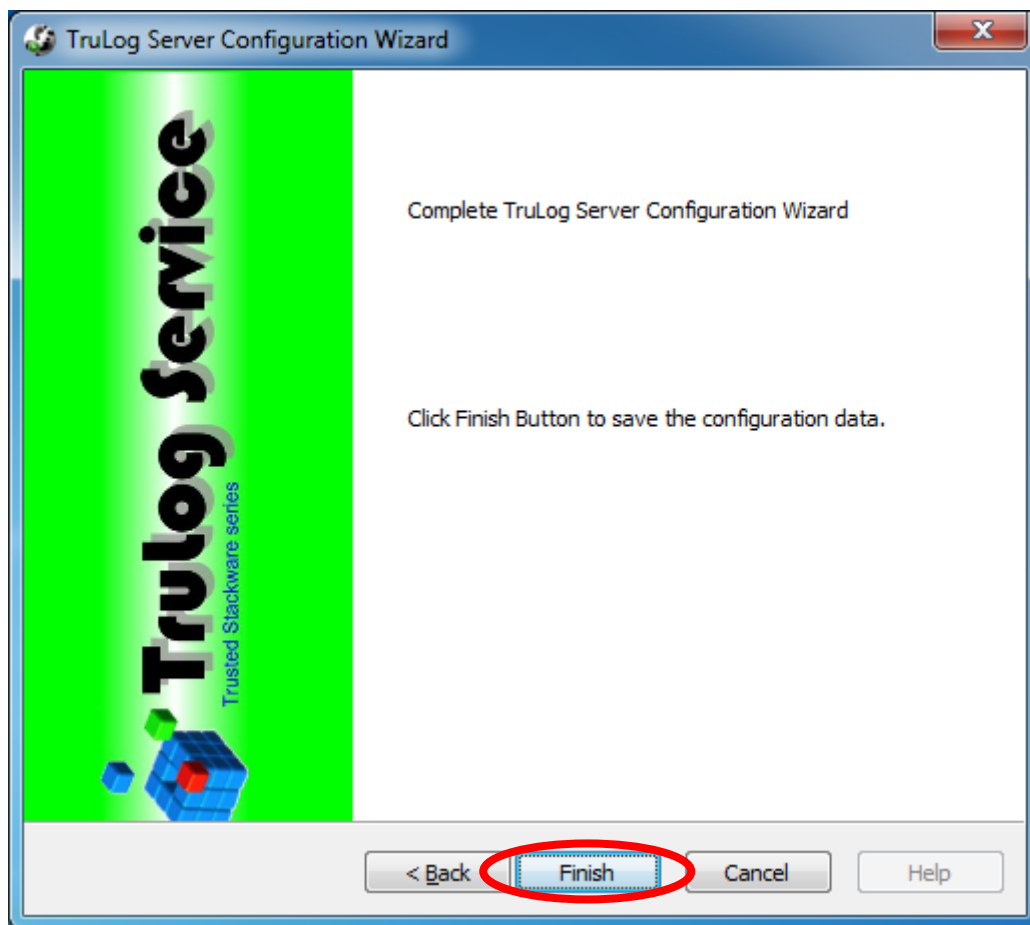


Figure 40 End of Configuration Wizard

5) Export of Configuration File

To export the configuration file, click the "Export" button on the "Basic Configuration" page.

Note: "Export" outputs the configuration data already configured. The data reflects the configuration that was last saved with the "Finish" button. For the normal procedure, re-launch the Configuration Wizard after executing the configuration, and export the configuration data before closing the Configuration Wizard with "Cancel".

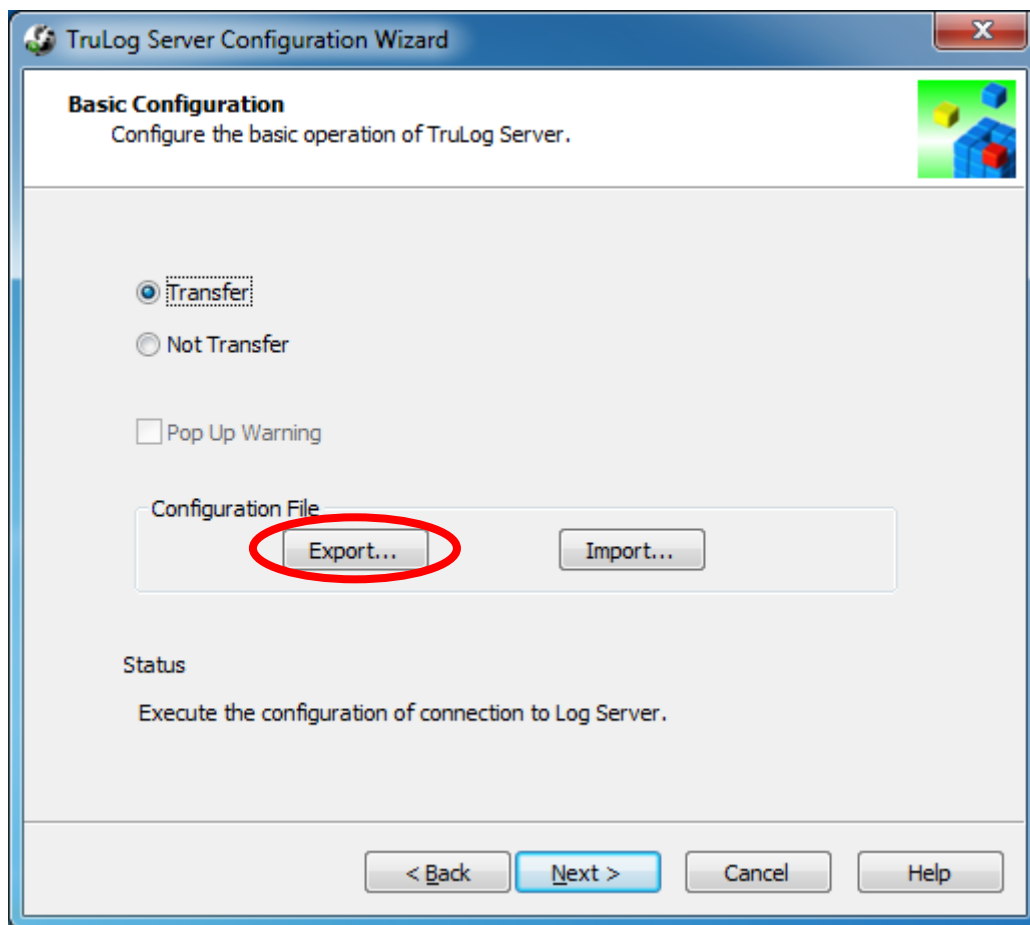


Figure 41 Basic Configuration - Export

If the “Save As” dialog box is displayed, assign the location to which you want to export the file, enter the file name in the “File name” combo box, and click the “Save” button. If you click the “Cancel” button, the export will be cancelled.

If you use the volume license edition and want to export distributable configuration data, select “Policy Template” or “Registry File” from the “Save as type” drop down list.

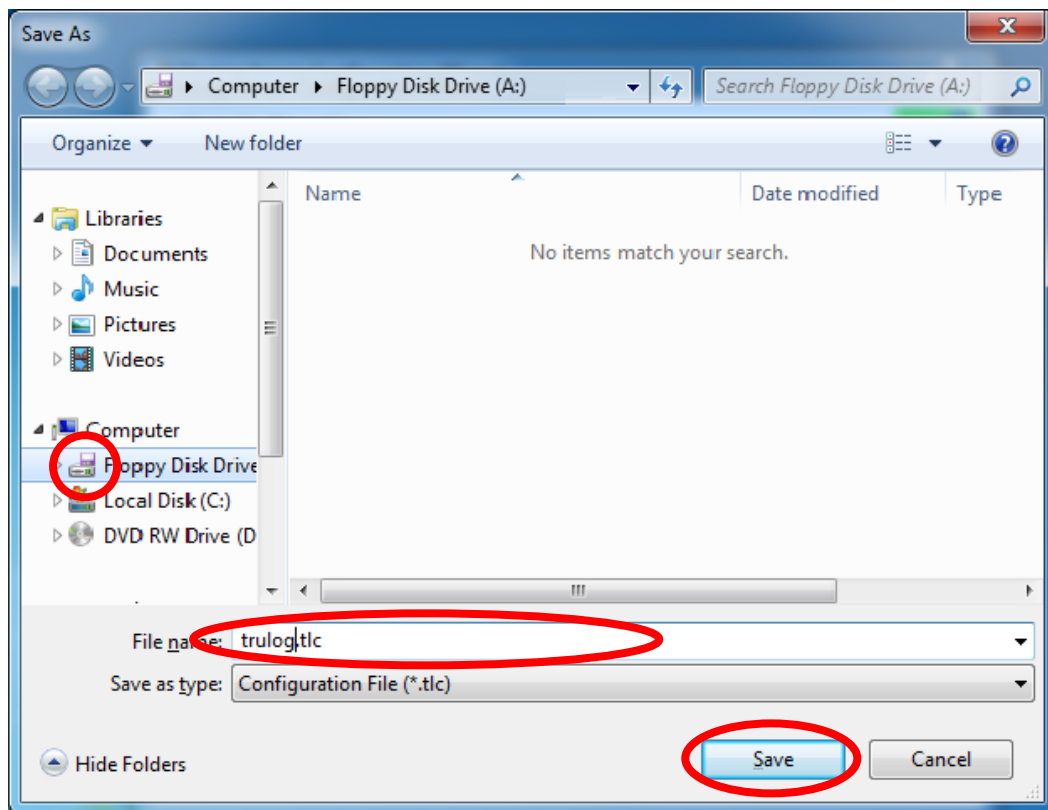


Figure 42 Export of Configuration File

If the export was successful, the “End of Export” dialog box is shown as follows. Click an “OK” button.

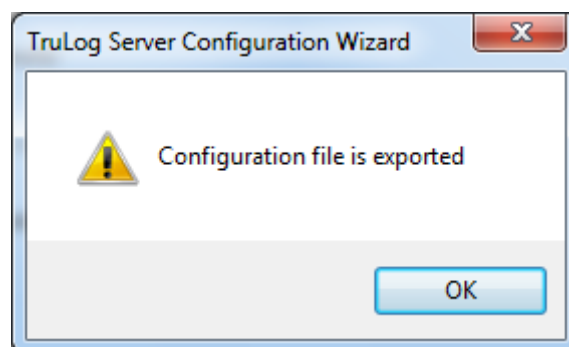


Figure 43 End of Export

6) Import Configuration File

To import a configuration file, click the “Import” button on the “Basic Configuration” page.

Note: Once the “Import” is executed, the configuration data is overwritten immediately. Please be careful because it is impossible to bring back the earlier data with the “Cancel” button after the execution of the “Import”.

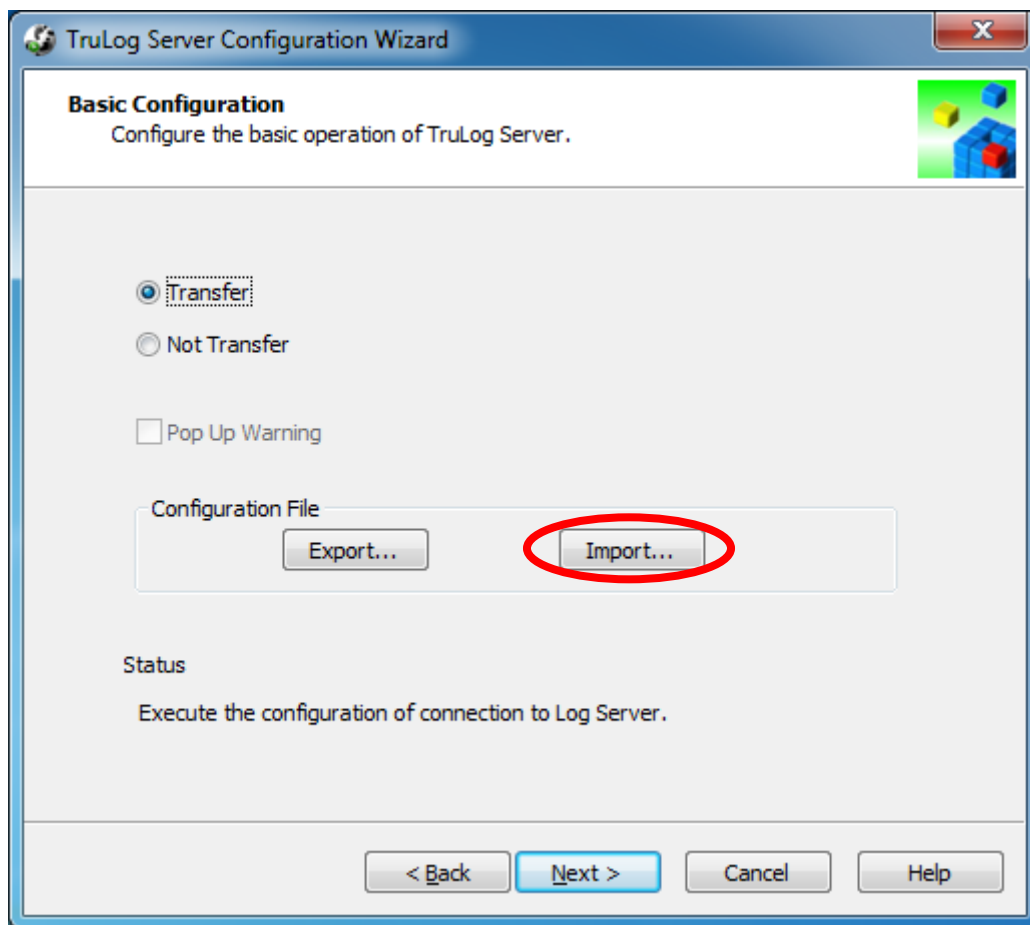


Figure 44 Basic Configuration - Import

If the “Open” dialog box is displayed, assign the location to which you want to import the file, enter the file name in the “File name” combo box, and click the “Open” button. If you click the “Cancel” button, the import will be cancelled.

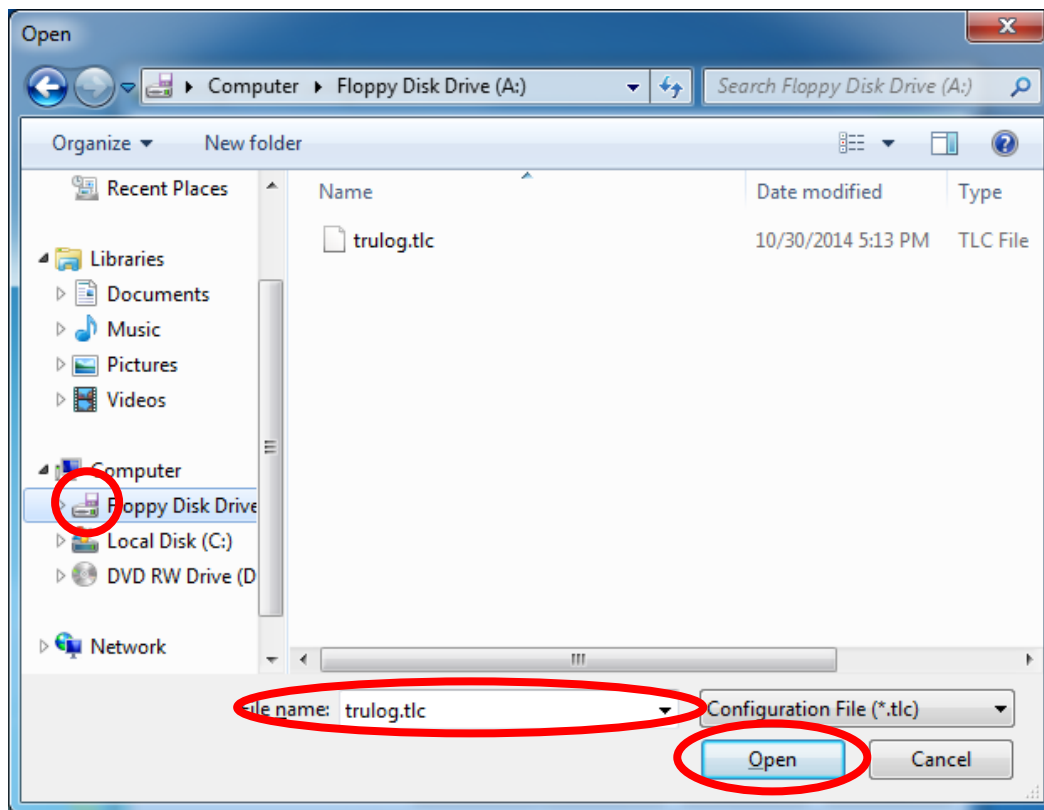


Figure 45 Import of Configuration File

If the import was successful, the “End of Import” dialog box is shown as follows. Click the “OK” button.

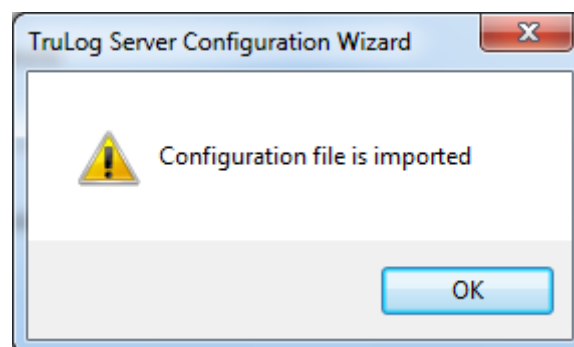


Figure 46 End of Import

c. TruGate Log Viewer

TruGate Log Viewer shows the list of authentication results of the authentication framework.

i. Launch Application

Click in the order of “Start” – “All Apps” – “TruStack” – “TruGate Log Viewer”.

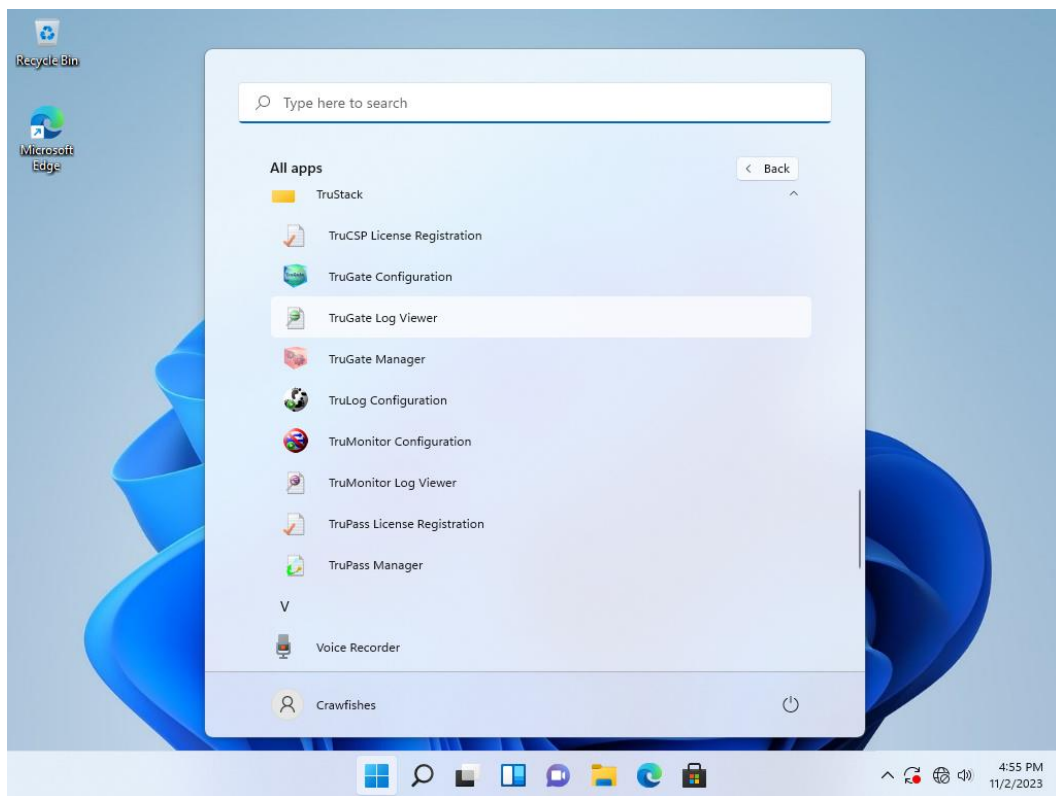


Figure 47 Launch TruGate Log Viewer

If it is launched normally, the “TruGate Log Viewer” window as follows will be displayed.

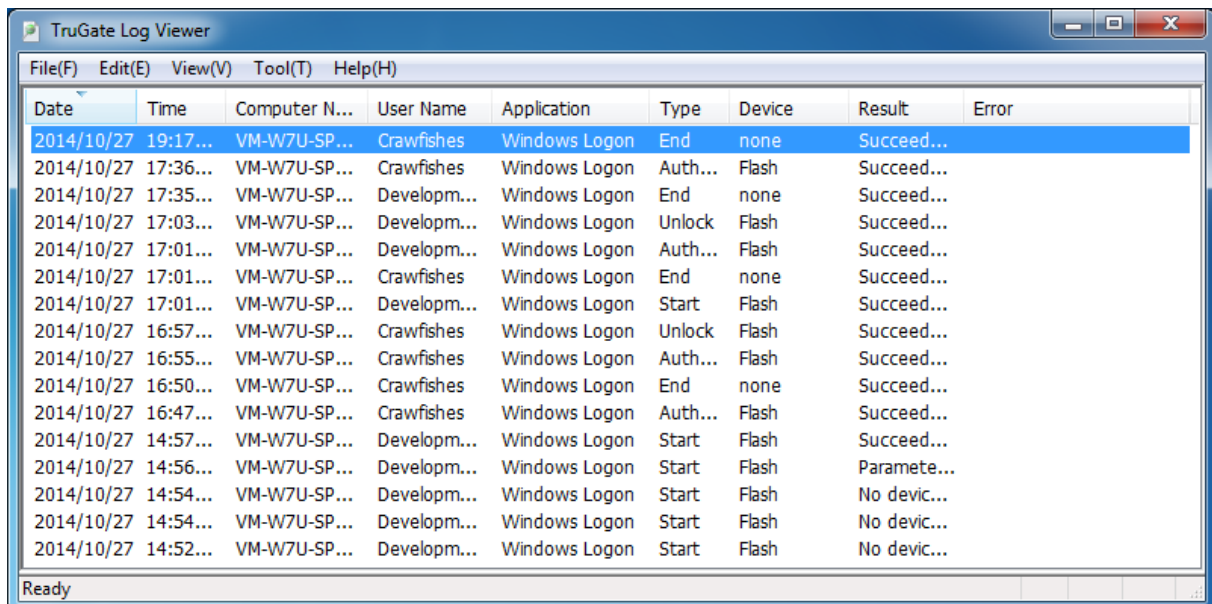


Figure 48 TruGate Log Viewer - launched

To show the latest result, click in the order of “View” – “Refresh” on the menu bar, or

press “F5” key.

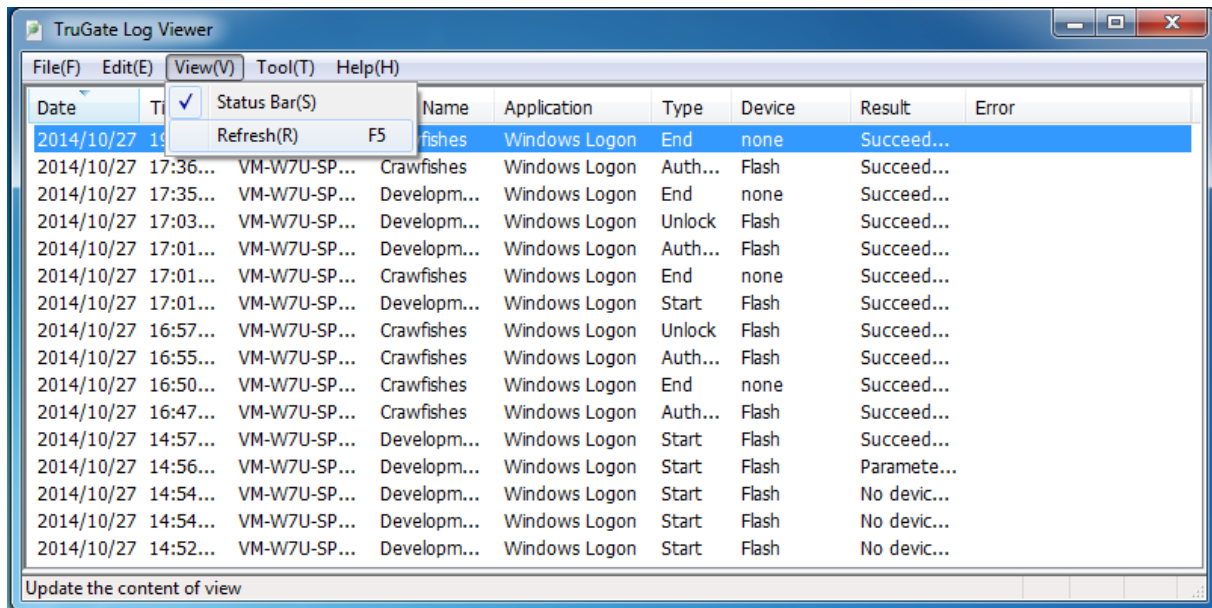


Figure 49 TruGate Log Viewer - refresh

If the log data does not exist at launch, the warning message as follows will be displayed. If the message is shown, click the “OK” button.

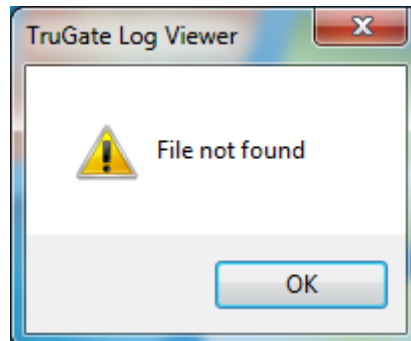


Figure 50 Warning at no log data file

ii. Change Log Size

To change the log size to keep, click in the order of “Tool” – “Log Size...” on the menu bar.

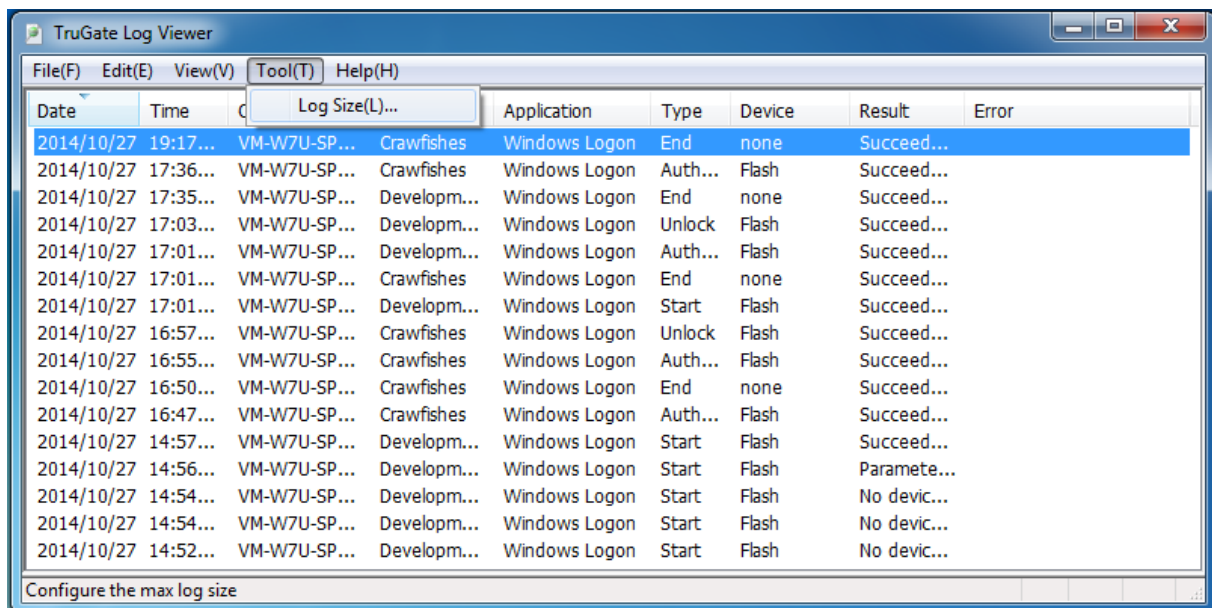


Figure 51 TruGate Log Viewer - Log Size

Then, the “Max Log Size Configuration” dialog box as follows will be displayed.

Enter the new size value in the edit box, or increase/decrease the value by the spin button, and click the “OK” button. If the “Cancel” button is clicked, the modified value will be discarded.

Default: 1000

Range: 100 ~ 65535

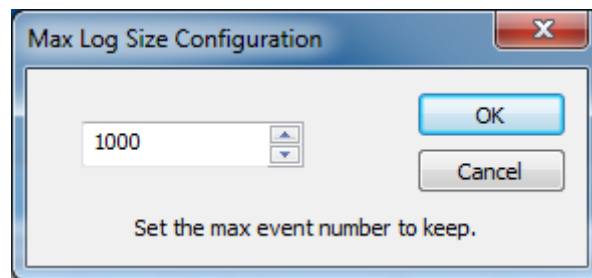


Figure 52 Max Log Size Configuration

iii. Export of Data

To export the listed data to the external file in CSV format, click in the order of “File” – “Export...” on the menu bar.

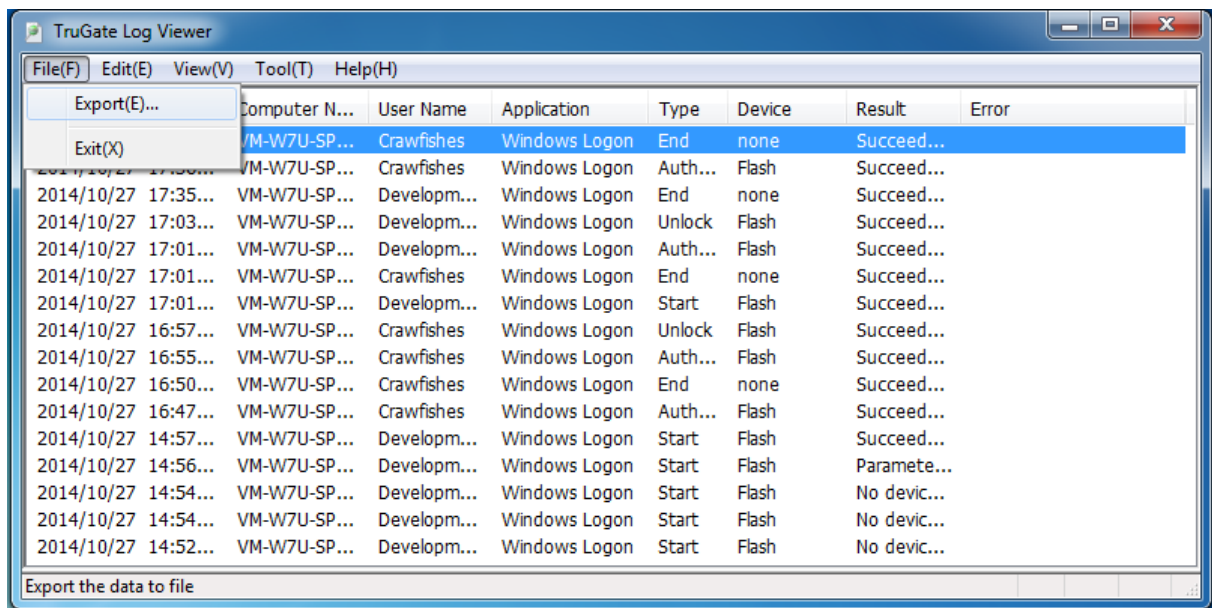


Figure 53 TruGate Log Viewer - Export

Then, the “Save As” dialog box as follows will be displayed.

Enter the file name in the “File name” combo box, and click the “Save” button. If the “Cancel” button is clicked, the “Export” will be cancelled.

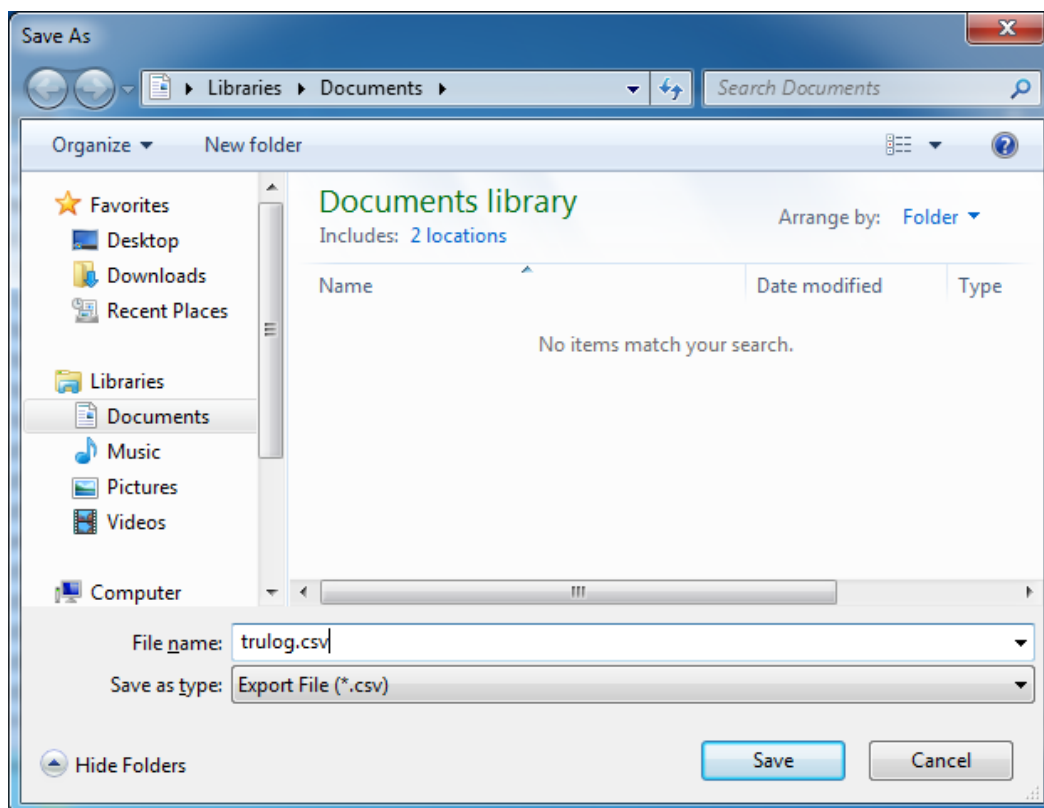


Figure 54 Assign Export File

iv. End of Application

To end the application, click in the order of “File” – “Exit” on the “TruGate Log Viewer” window menu bar.

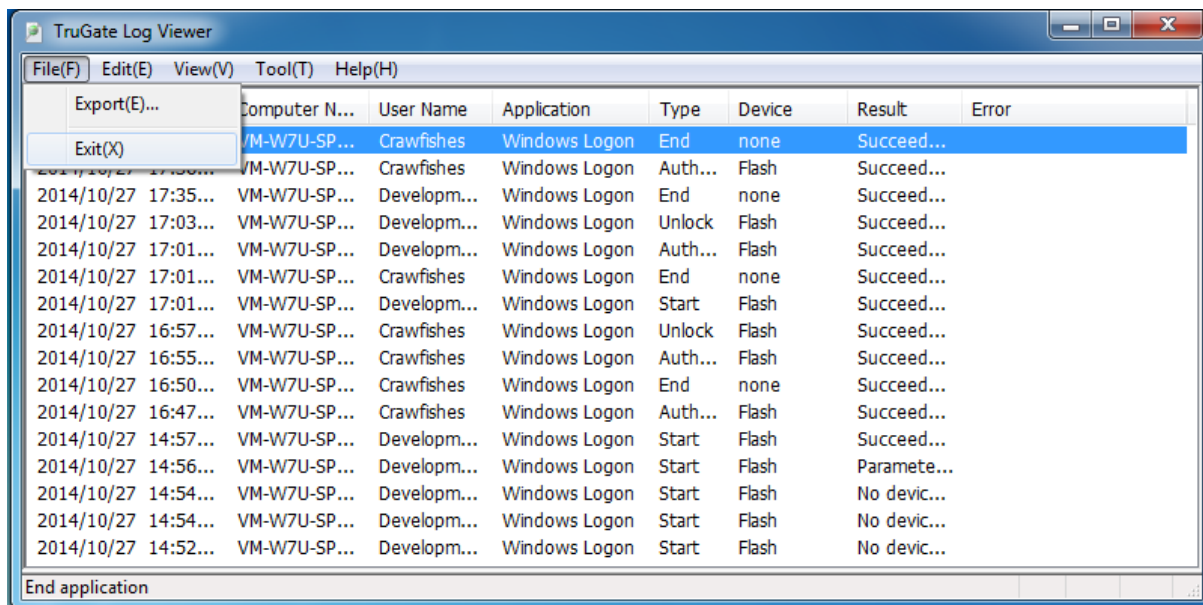


Figure 55 TruGate Log Viewer - exit

d. TruMonitor Log Viewer

TruMonitor Log Viewer shows the list of the detected events of TruMonitor.

i. Launch Application

Click in the order of “Start” – “All Apps” – “TruStack” – “TruMonitor Log Viewer”.

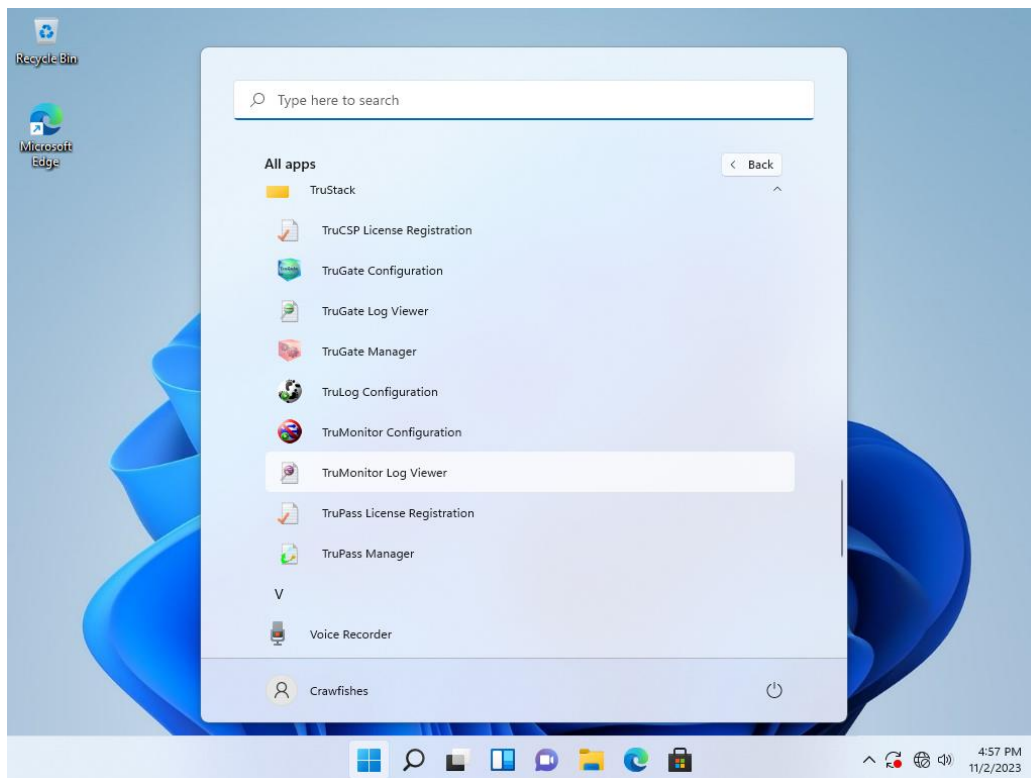


Figure 56 Launch TruMonitor Log Viewer

If it is launched normally, the “TruMonitor Log Viewer” window as follows will be displayed.

Note: If TruMonitor Log Viewer is launched on the server PC, the devices that have never been connected to the sever PC will be displayed as the device class names on the device name column. If you want to know the actual device name, please refer to the registry information (HKLM\SYSTEM\CurrentControlSet\Enum\device class name) on the computer that caused the event.

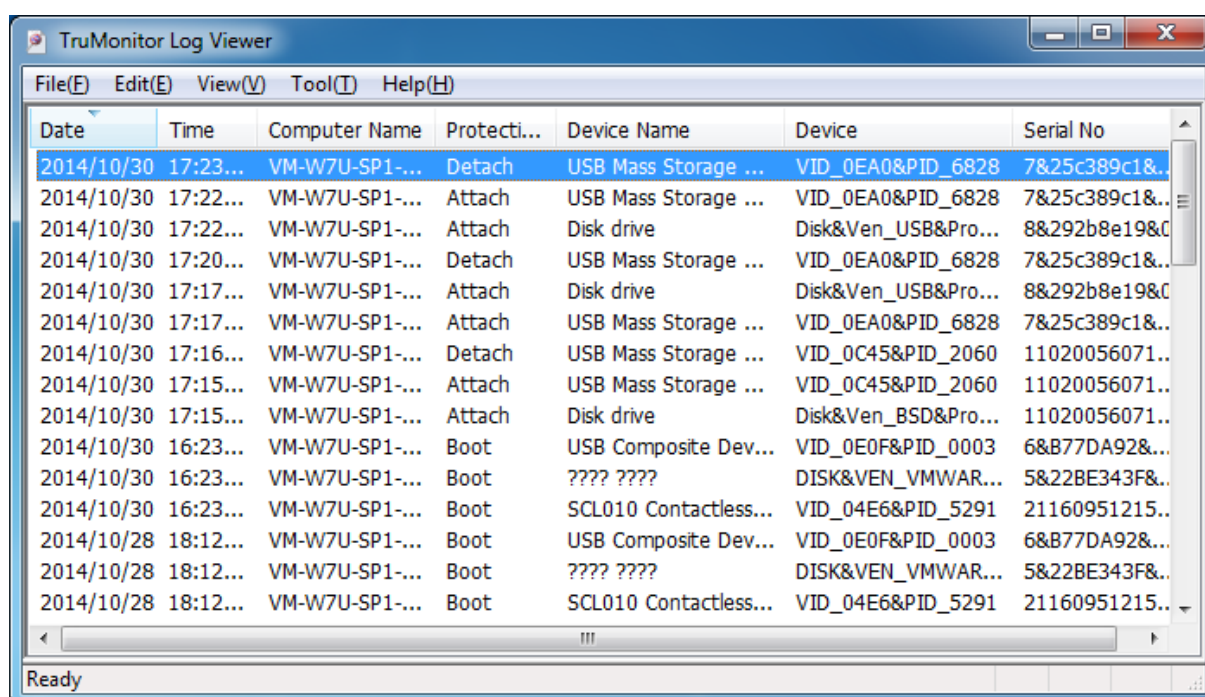


Figure 57 TruMonitor Log Viewer - launched

To show the latest result, click in the order of “View” – “Refresh” on the menu bar, or press “F5” key.

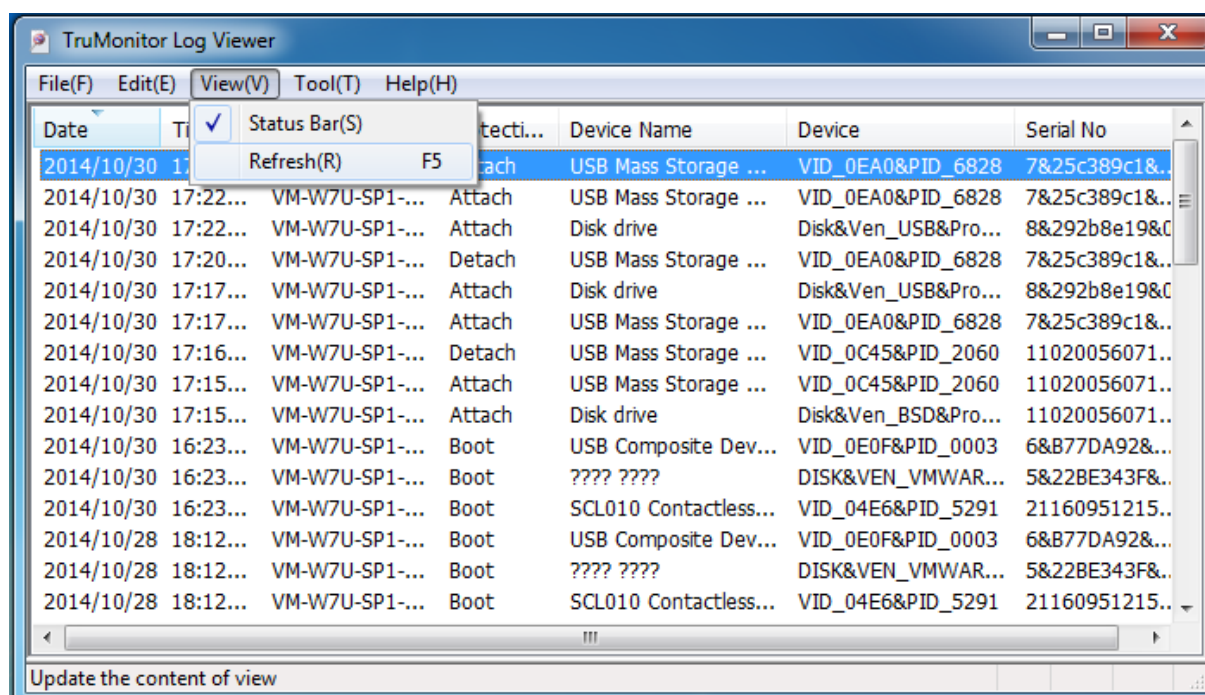


Figure 58 TruMonitor Log Viewer - refresh

If the log data does not exist at launch, the warning message as follows will be

displayed. If the message is shown, click the “OK” button.

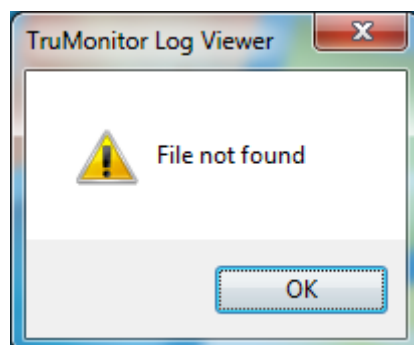


Figure 59 Warning at no log data file

ii. Change Log Size

To change the log size to keep, click in the order of “Tool” – “Log Size...” on the menu bar.

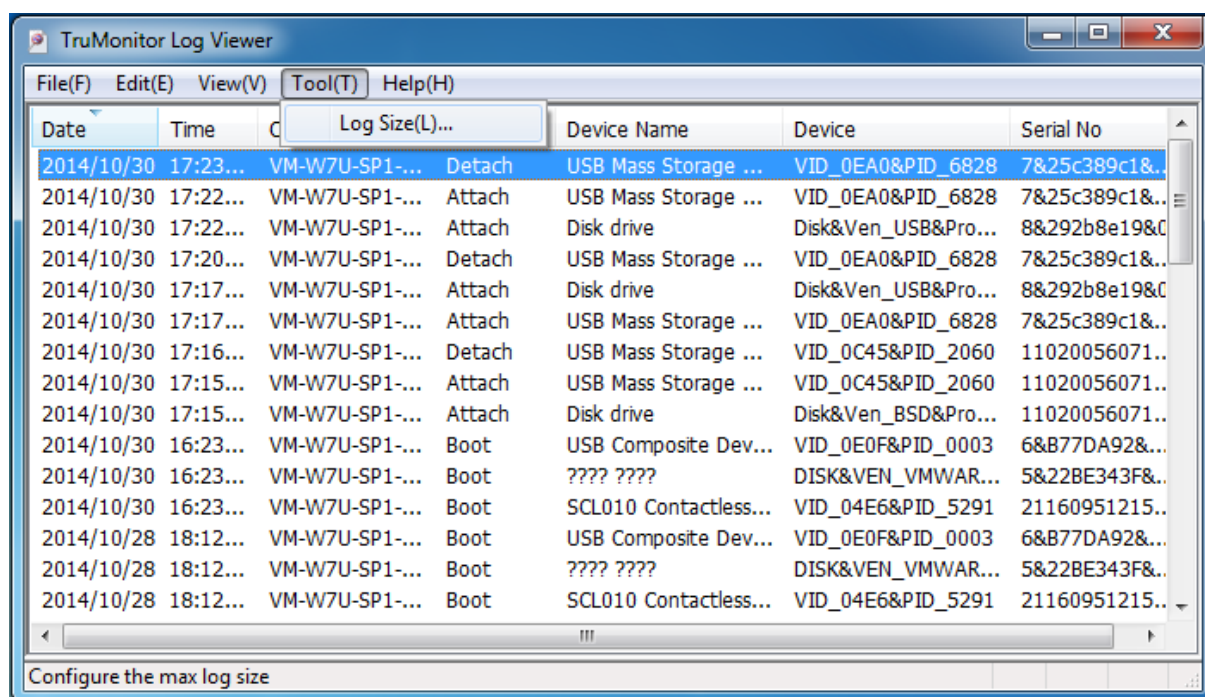


Figure 60 TruMonitor Log Viewer - Log Size

Then, the “Max Log Size Configuration” dialog box as follows will be displayed.

Enter the new size value in the edit box, or increase/decrease the value by the spin button, and click the “OK” button. If the “Cancel” button is clicked, the modified value will be discarded.

Default: 1000

Range: 100 ~ 65535

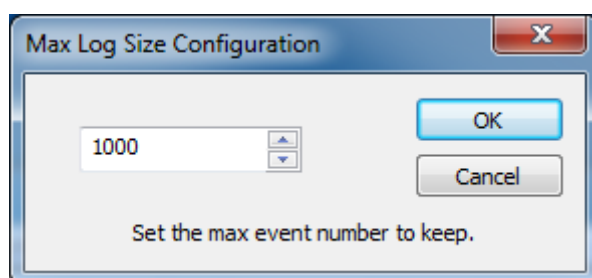


Figure 61 Max log Size Configuration

iii. Export of Data

To export the listed data to the external file in CSV format, click in the order of “File” – “Export...” on the menu bar.

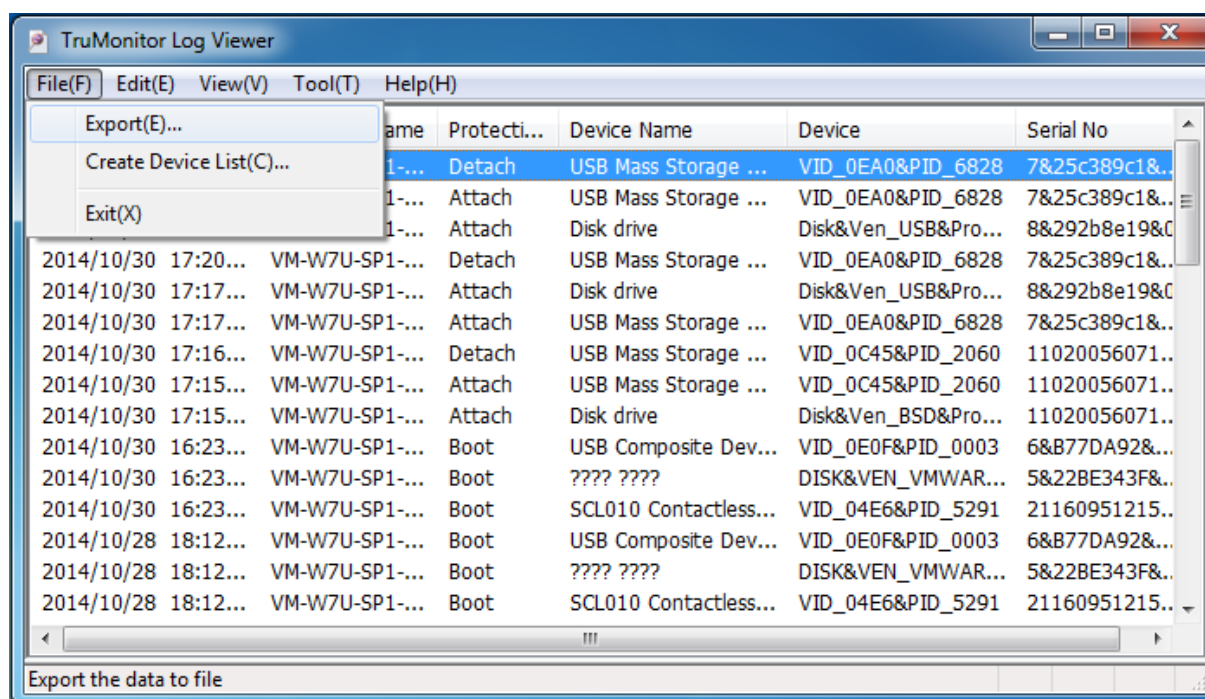


Figure 62 TruMonitor Log Viewer - Export

Then, the “Save As” dialog box as follows will be displayed.

Enter the file name in the “File name” combo box, and click the “Save” button. If the “Cancel” button is clicked, the “Export” will be cancelled.

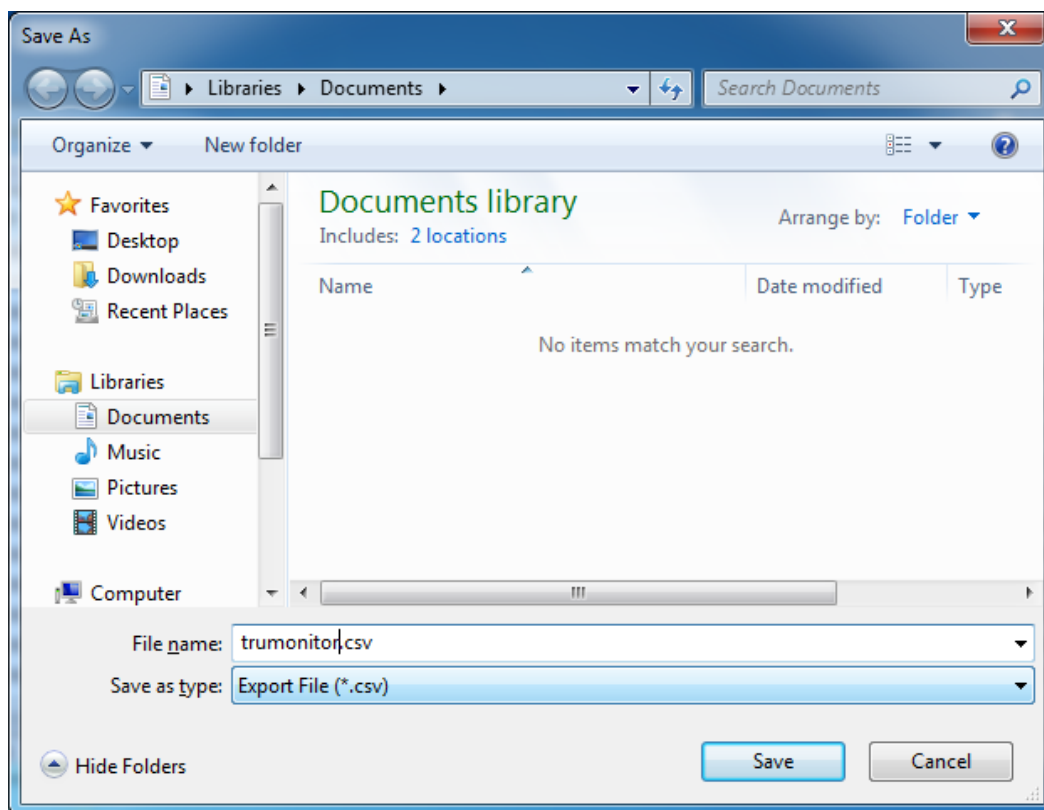


Figure 63 Assign Export File

iv. Create Device List

The Device List is utilized by TruMonitor Configuration Wizard to import the authorized devices at once.

To export the listed data to the external file in CSV format, click in the order of “File” – “Create Device List...” on the menu bar.

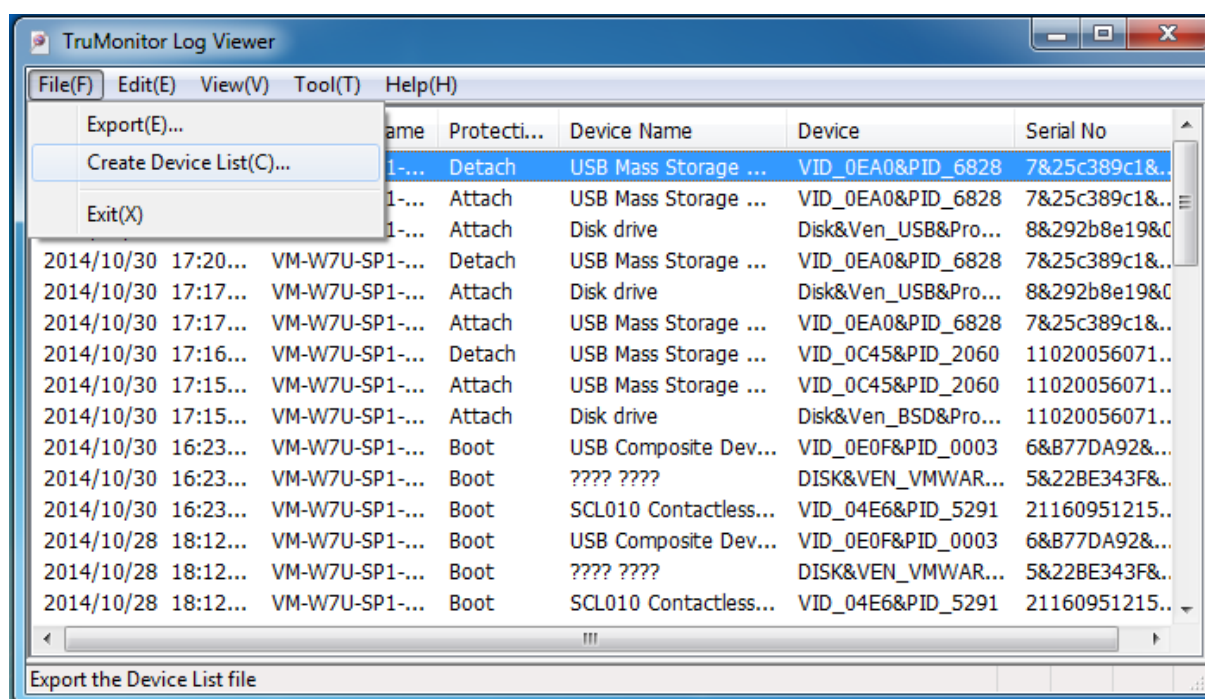


Figure 64 TruMonitor Log Viewer - Create Device List

Then, the “Save As” dialog box as follows will be displayed.

Enter the file name in the “File name” combo box, and click the “Save” button. If the “Cancel” button is clicked, the “Create Device List” will be cancelled

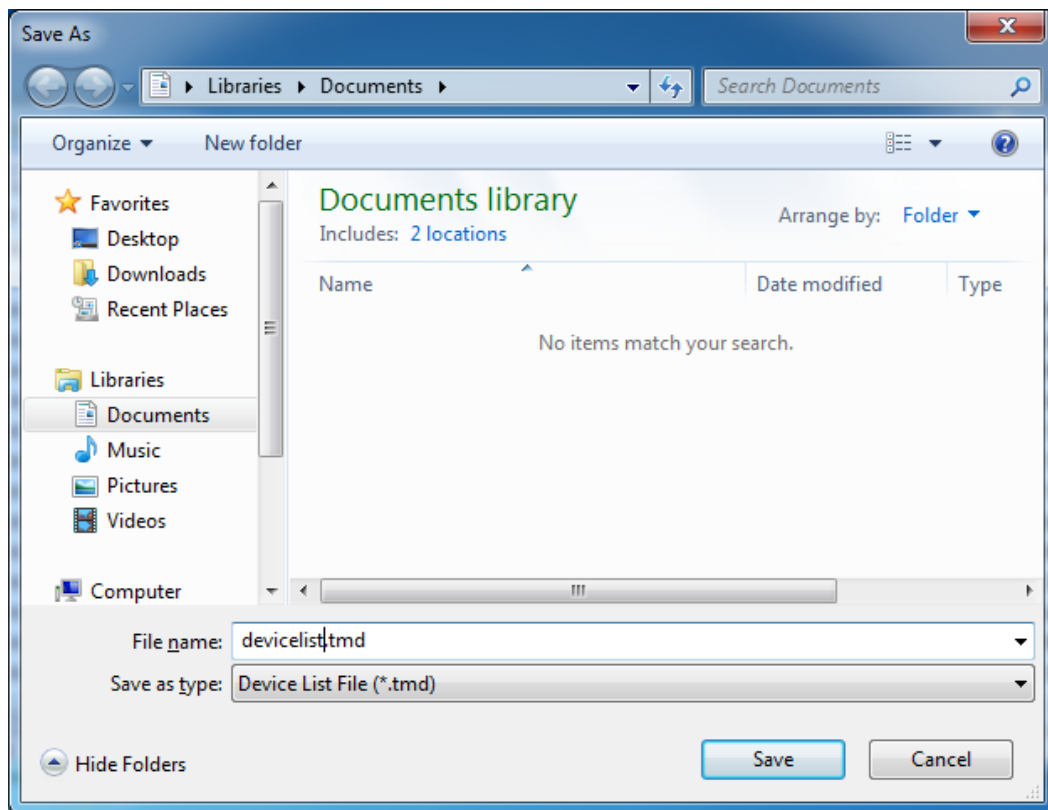


Figure 65 Assign Device List File

v. End of Application

To end the application, click in the order of “File” – “Exit” on the “TruMonitor Log Viewer” window menu bar.

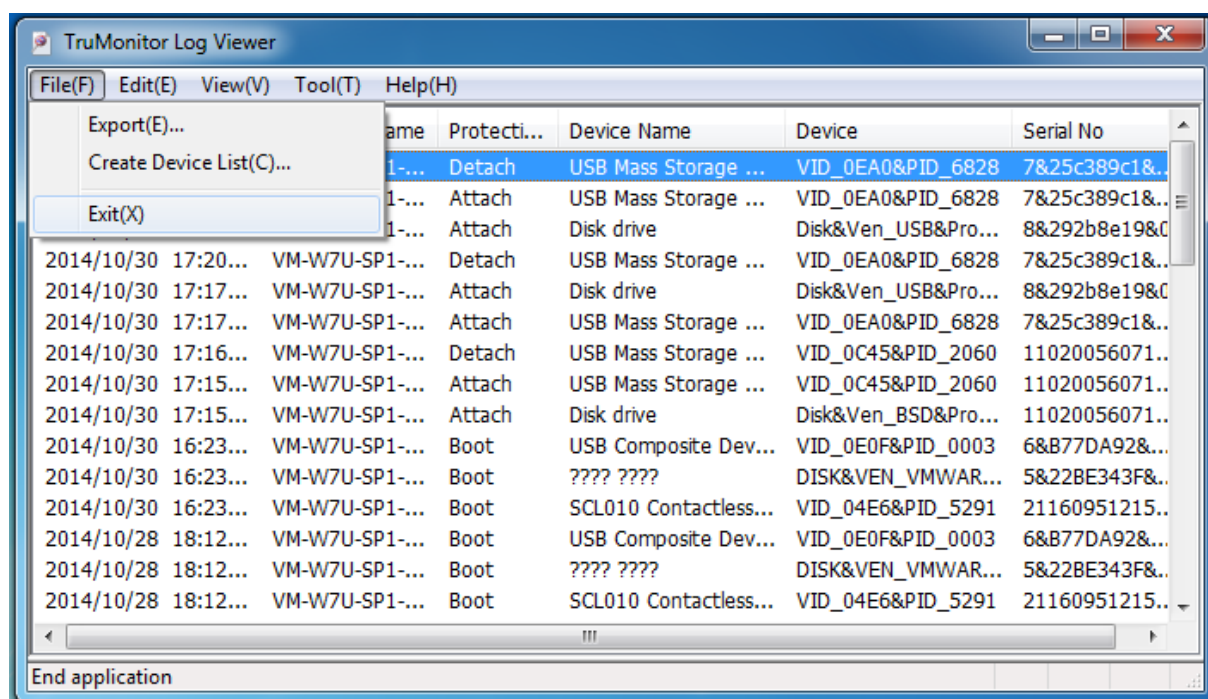


Figure 66 TruMonitor Log Viewer - exit

End of document

Questions to Trusted Stackware series product

D.O.I-Net Co., Ltd.

Zip Code: 190-0011

2-25-23 Takamatsu, Tachikawa, Tokyo JAPAN

E-Mail: info@doi-net.com

URL: <https://www.doi-net.com/>