

SANUPS

Web Tool Starter

(GUI Version)

User Guide

SANYODENKI

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Disclaimer

- It is prohibited to reproduce or copy in part or in whole this software or documentation without permission.
- This product has been tested with the utmost care; however, if you have any comments on the product, contact the following department.
- This product is subject to change without prior notice.
- Read this document carefully and understand the functions before using this product. We are not liable for any consequences due to your use of this product.

Contact

Please contact the nearby distributor for any inquiries about the product.

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1. Introduction

1.1 Overview

Web Tool Starter (hereinafter referred to as “this software”) is software for starting the Web Management Tool and Web Display Tool (hereinafter referred to as “web tools”) of the power management products and remote monitoring tools (hereinafter referred to as “products”) manufactured by SANYO DENKI CO., LTD.

1.2 Supported Products

The products for which web tools can be started using this software are as follows.

Product Name	Program Version
LAN Interface Card (Modbus compatible)	ROM program: P0014903A or later WEB program: P0014904A or later (Web Management Tool) P0014905A or later (Web Display Tool)
LAN Interface Card LAN ADAPTER LAN Interface Card Box (IPv6-compatible)	ROM program: P0010533E or later WEB program: P0010534C or later (Web Management Tool) P0010705C or later (Web Display Tool)
LAN Interface Card LAN ADAPTER LAN Interface Card Box (not IPv6 compatible)	ROM program: P0010187K or later WEB program: P0010188F or later (Web Management Tool) P0010248G or later (Web Display Tool)
LAN Interface Card LAN ADAPTER (100BASE-TX /10BASE-T compatible)	ROM program: P0001710Y or later WEB program: P0001711N or later
LAN Interface Card (10BASE-T only)	ROM program: P0001206W or later WEB program: P0001262G or later
SANUPS T11A/T11B	ROM program: P0001892N or later WEB program: P0001893H or later
SANUPS MT15A/MT15B	ROM program: P0001162R or later WEB program: P0001163F or later
SANUPS IT Monitor	ROM program: P0001814F or later WEB program: P0001817C or later
SANUPS SOFTWARE Ver. 3*	Ver. 3.0.1 or later

1. Introduction

SANUPS SOFTWARE Ver. 2*	Ver. 2.0.2 or later
SANUPS PV Monitor Type C	ROM program: P0010920F or later WEB program: P0010921D or later
SANUPS PV Monitor E Model	ROM program: P0010481E or later WEB program: P0010482D or later
SANUPS PV Monitor (Old product)	ROM program: P0002850K or later WEB program: P0002851H or later
SANUPS Monitor K	ROM program: P0010761B or later WEB program: P0010762B or later

* Only applicable when the product is used with a configuration in which the UPS is connected using a serial cable.

<Notes>

Use this software after updating the product programs to the latest versions.

Please contact the nearby distributor for any inquiries about the how to update the product programs.

1.3 Notice

This software starts web tools by communicating with a network. Please be sure to read the user guide of your product and configure your settings in advance to ensure that the product related to web-tool startup can perform network communication with the computer that uses this software.

1.4 Images Used in this Document

The images of the screens used in this document are based on Windows 7, Windows 10, and Windows Server 2008 R2. The displays may differ from those of your actual device, depending on the Windows version being used.

2. Installing Web Tool Starter on Your Computer

2.1 System Requirements

Disk capacity: At least 200 MB of free space

Display: Resolution of 800x600 with 256 colors minimum

Supported OS: **Windows 7**^{*1, 2, 3}

Professional / Ultimate / Enterprise

Windows Server 2008 R2^{*2, 3, 4, 5, 6}

Standard / Enterprise

Windows Server 2012^{*4, 6}

Essentials / Standard / Datacenter

Windows 8.1^{*1}

Windows 8.1 / Windows 8.1 Pro / Windows 8.1 Enterprise

Windows Server 2012 R2^{*4, 6}

Essentials / Standard / Datacenter

Windows 10^{*1}

Home / Pro / Enterprise / Education

Windows Server 2016^{*4, 6}

Essentials / Standard / Datacenter

Windows Server 2019^{*4, 6}

Essentials / Standard / Datacenter

*1. x86 version (32-bit version) and x64 version (64-bit version) are supported.

*2. Service Pack 1 needs to be installed.

*3. To start web tools using HTTPS, an update needs to be installed. For details, see "Appendix A Installing Updates for HTTPS Communication" at the end of this document.

*4. x64 version (64-bit version) is supported.

*5. .NET Framework 3.5.1 installation using Server Manager is required. For details, see "Appendix B Installing .NET Framework 3.5.1" at the end of this document.

*6. Server Core and Storage Server are not supported.

2. Installing Web Tool Starter on Your Computer

2.2 Installing Web Tool Starter on Your Computer

(1) Unzipping the compressed file

Place the compressed file of this software in a location such as on your Desktop or in your Documents, and unzip it.

The compressed file used differs according to your Windows version. View the table below, and unzip the appropriate compressed file.

Windows Version	Compressed File Name
Other than Windows 7 or Windows Server 2008 R2	WebTool_Starter_VXXX.zip*
Windows 7 or Windows Server 2008 R2	WebTool_Starter_VXXX_Win7.zip*

* Insert the three digits of your software version in the area marked by “XXX”.
When the version is 1.0.0, insert “100”.

<Notes>

When unzipping the compressed file, do not unzip the file into a folder that requires administrator authority.

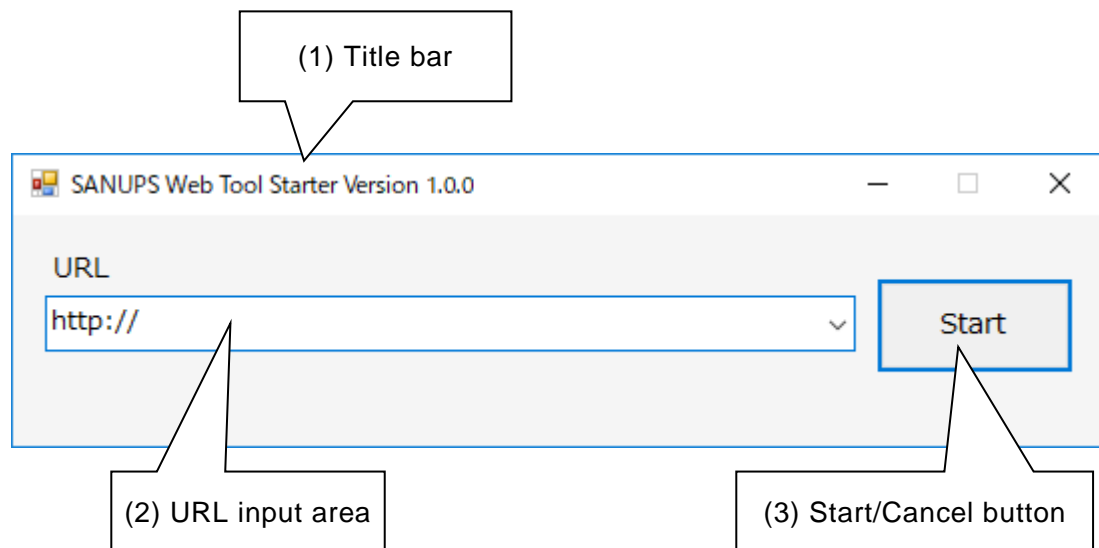
3. Operating Web Tool Starter

3.1 Starting the Software

Go to the folder in which this software was unzipped in “**2.2 (1) Unzipping the compressed file**” and double-click the executable file to start the software.

The executable file differs according to your Windows version. View the table below, and double-click the appropriate executable file.

Windows Version	Executable File Name
Other than Windows 7 or Windows Server 2008 R2	webtool_starter.exe
Windows 7 or Windows Server 2008 R2	webtool_starter_win7.exe



(1) Title bar

The title bar displays the title and version of the software.

(Excluding the image above, the images in this document do not include the version.)

(2) URL input area

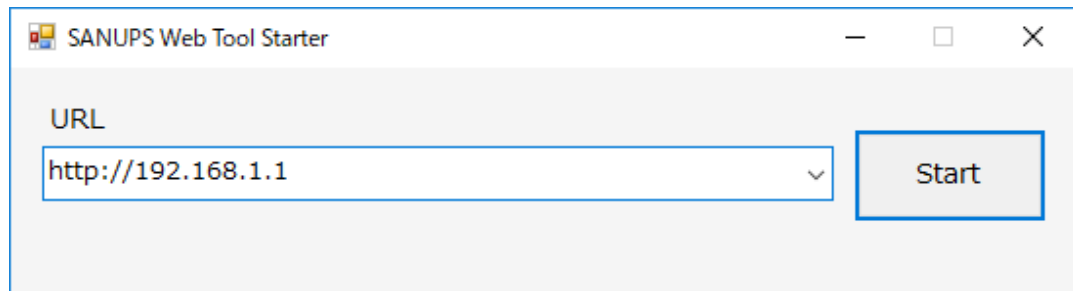
Enter the URL of the product for which you want to start web tools.

For the URL, the IPv4 address, IPv6 address, and host name can be used.

For protocol, HTTP and HTTPS can be used.

3. Operating Web Tool Starter

URL input example



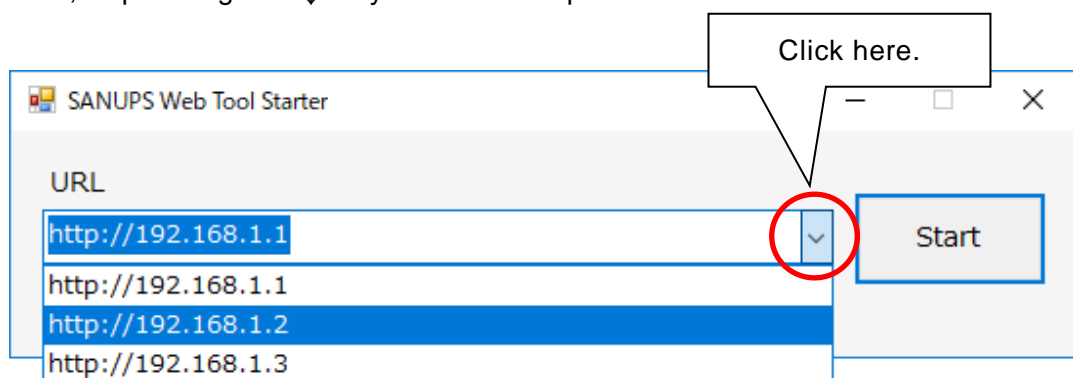
The screenshot shows a window titled "SANUPS Web Tool Starter". Inside, there is a label "URL" above a text input field containing "http://192.168.1.1". To the right of the input field is a button labeled "Start".

Other input examples are indicated below.

Scenario	URL Example
When HTTPS is used	https://192.168.1.1
When 8080 is specified as the port number	http://192.168.1.1:8080
When starting a Web Display Tool (Effective only with products that support a Web Display Tool)	http://192.168.1.1/viewer
When an IPv6 address is used	http://[2001:db8::1]
When a host name is used	http://example.com

A maximum of 10 URLs that have successfully started web tools are saved in your history.

You can select a URL in your history by clicking “v” at the right end of the URL input area, or pressing the “↓” key in the URL input area.



The screenshot shows the same window as before, but the dropdown menu is open, displaying a list of URLs: "http://192.168.1.1", "http://192.168.1.1", "http://192.168.1.2", and "http://192.168.1.3". A red circle highlights the dropdown arrow, and a callout box points to it with the text "Click here."

(3) Start/Cancel button

This button starts or cancels the web tool.

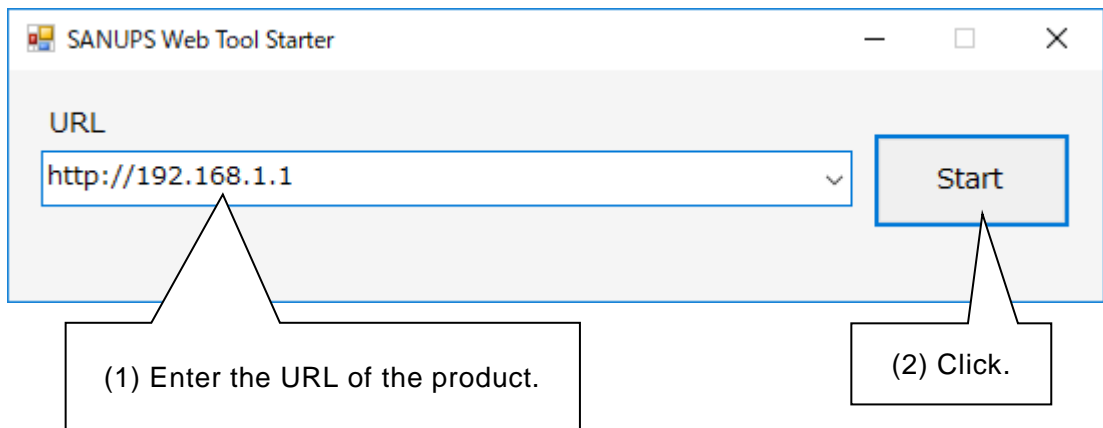
While the web tool is starting, the button display changes to “Cancel”. For details, see “3.2 Starting and Canceling the Web Tool.”

3. Operating Web Tool Starter

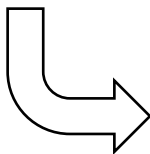
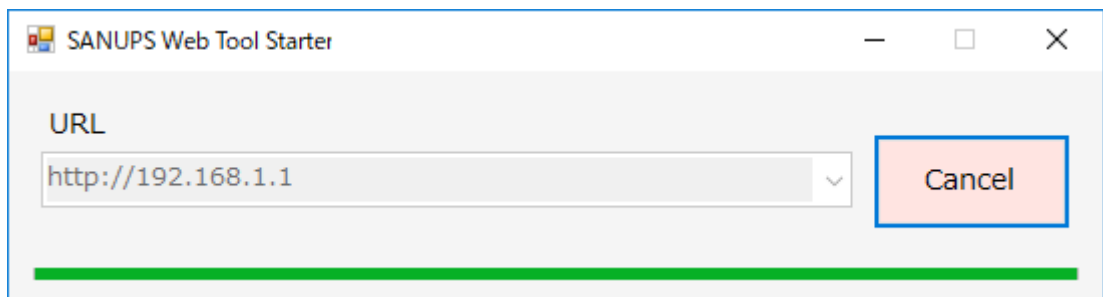
3.2 Starting and Canceling the Web Tool

You can start a web tool by performing the following operations:

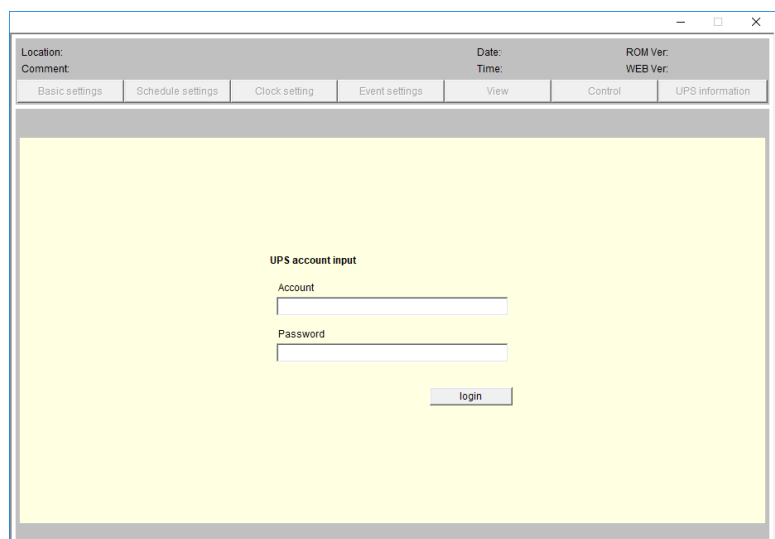
- (1) Enter the URL of the product in the URL input area.
- (2) Click the Start button.



After clicking the Start button, a new window opens and the web tool launches. For how to operate the web tool after startup, see the product's user guide.



A new window opens and the web tool launches.

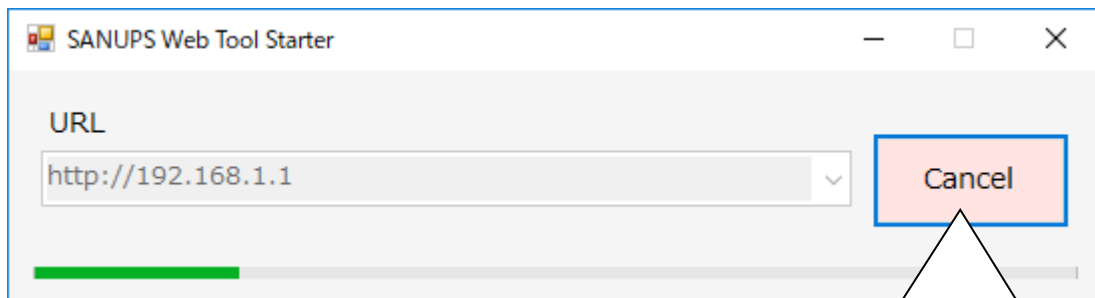


3. Operating Web Tool Starter

<Information>

Multiple web tools can be started.

While a web tool is starting, the Start/Cancel button display changes to “Cancel”. Clicking the Cancel button at this time cancels starting of the web tool.



Clicking “Cancel” when “Cancel” is displayed cancels starting of the web tool.

3.3 Exiting the Software

Clicking “X” in the title bar exits the software.

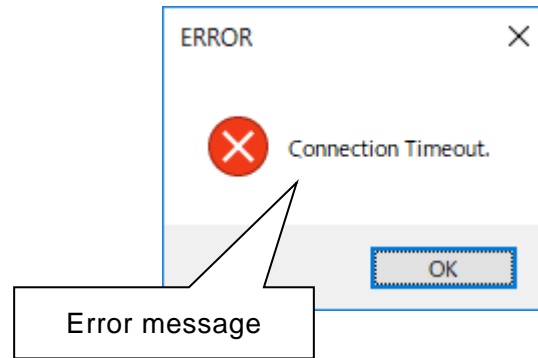
<Information>

Exiting the software does not exit the web tool.

To exit the web tool, click “X” in the web tool title bar.

3.4 Errors and Troubleshooting

With this software, error dialog boxes such as the following appear when an error occurs. Check the troubleshooting method based on the contents of the error message.



Error Message	Troubleshooting
Connection Timeout.	<p>A connection timeout has occurred. When does not improve even after clicking the Start button again, Check the following:</p> <ul style="list-style-type: none"> ● Is the URL correct? ● Is the product power ON? ● Are the proxy server settings of the Windows appropriate?
Connection Error (Can't Connect).	<p>A connection cannot be made to the product. Check the following:</p> <ul style="list-style-type: none"> ● When HTTP is specified as the URL, is HTTP enabled in product settings? ● When HTTPS is specified as the URL, is HTTPS enabled in product settings? ● Are the proxy server settings of the Windows appropriate?
Connection Error (Not Found).	<p>The URL is not correct. Check the following:</p> <ul style="list-style-type: none"> ● Is the URL correct? ● Are the proxy server settings of the Windows appropriate?
Connection Error (Access Limitation).	<p>The web tool cannot be started due to the access limitation settings of the product. Change the access limitation settings.</p>
DNS Error.	<p>The entered host name cannot be resolved. Check the following and resolve the host name properly.</p> <ul style="list-style-type: none"> ● Are the DNS server settings of the Windows correct? ● Is the host name registered in the DNS server?

3. Operating Web Tool Starter

Port Number Error.	The entered port number is wrong. Check the port number settings of the product.
URL Error.	The URL format is not correct. Check if the URL format is correct. Example: http://192.168.1.1
Products Not Supported.	The web tool cannot start because the program of the product is out of date. Update the program to the latest version.
System can't use HTTPS.	HTTPS communication is not possible with your Windows version. When using Windows 7 or Windows Server 2008 R2, you will need to install updates. For details, see "Appendix A Installing Updates for HTTPS Communication" at the end of this document.
Other Error. Info: (Message)	An error other than the above has occurred. Contact us with the details below using the contact information provided in the beginning of this document. <ul style="list-style-type: none">● Content of error message● Version of this software● The name of the product for which you attempted to start a web tool and the program version● Your Windows version

Appendix A Installing Updates for HTTPS Communication

When using Windows 7 or Windows Server 2008 R2, you will need to install updates provided by Microsoft Corporation for HTTPS communication. The procedure is shown below.

<Information>

A Windows restart is not required after an update is installed.

- (1) Access the following Microsoft Corporation web page.

<https://support.microsoft.com/en-us/help/3154518/support-for-tls-system-default-versions-included-in-the-net-framework>

- (2) Click the link corresponding to the version of Windows you are currently using, and download the installer.

Support for TLS System Default Versions included in the .NET Framework 3.5.1 on Windows 7 SP1 and Server 2008 R2 SP1

Applies to: Windows 7 Service Pack 1, Windows Server 2008 R2 Service Pack 1


The .NET framework version 3.5.1 and earlier versions did not provide support for applications to use Transport Layer Security (TLS) System Default Versions as a cryptographic protocol. This update enables the use of TLS v1.2 in the .NET Framework 3.5.1.


Note This content has been made available on Windows Update. To obtain the content, scan Windows Update for the latest .NET Framework updates. If your system is fully up to date via Windows Update, you do not need to take further action.


Resolution

Download information

The following files are available for download from the Microsoft Download Center:

 [Download the x86-based package now.](#)

 [Download the x64-based package now.](#)

 [Download the IA64-based package now.](#)

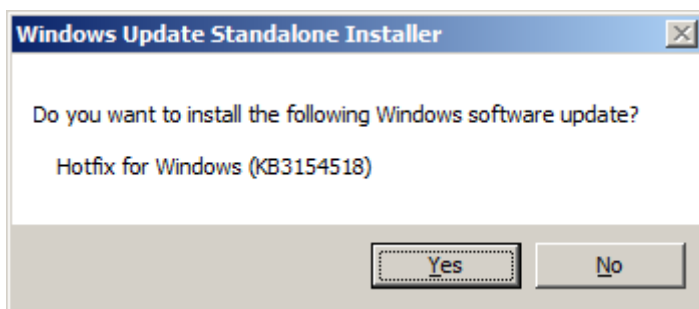
For the x86 version (32-bit version), click here.

For the x64 version (64-bit version), click here.

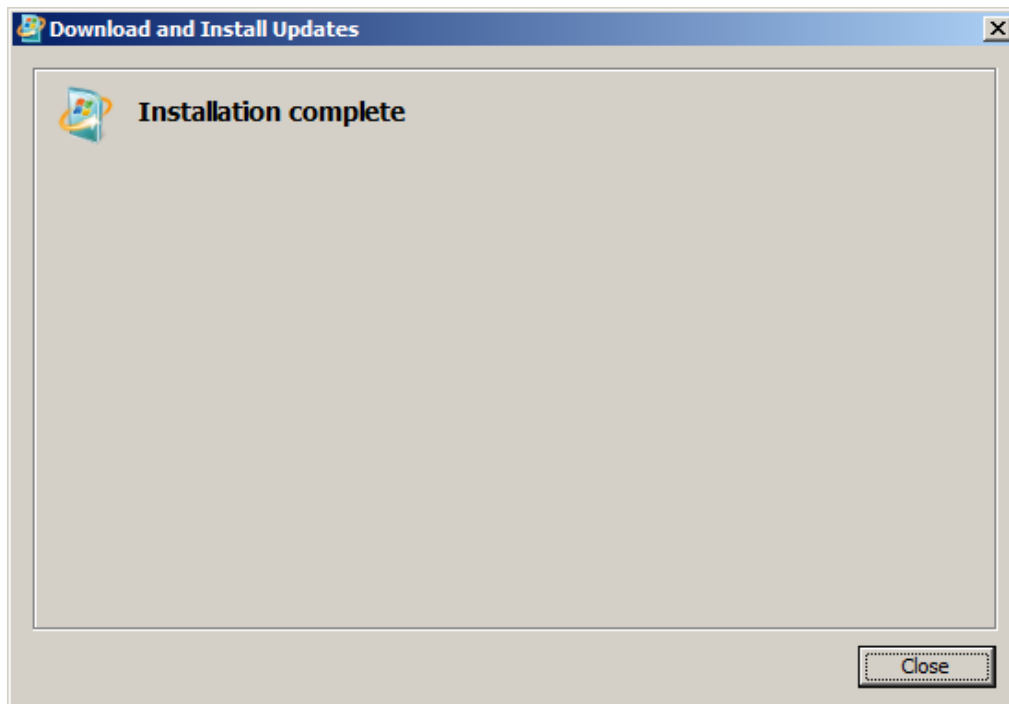
<Information>

To check if you are using a 32-bit version or 64-bit version of Windows, follow the procedure described in “Appendix C Checking Your Windows Version: 32-bit or 64-bit?”.

- (3) Double-click the downloaded installer.
- (4) Install the update following the instructions on the screen.



- (5) When the following screen appears, installation is complete.



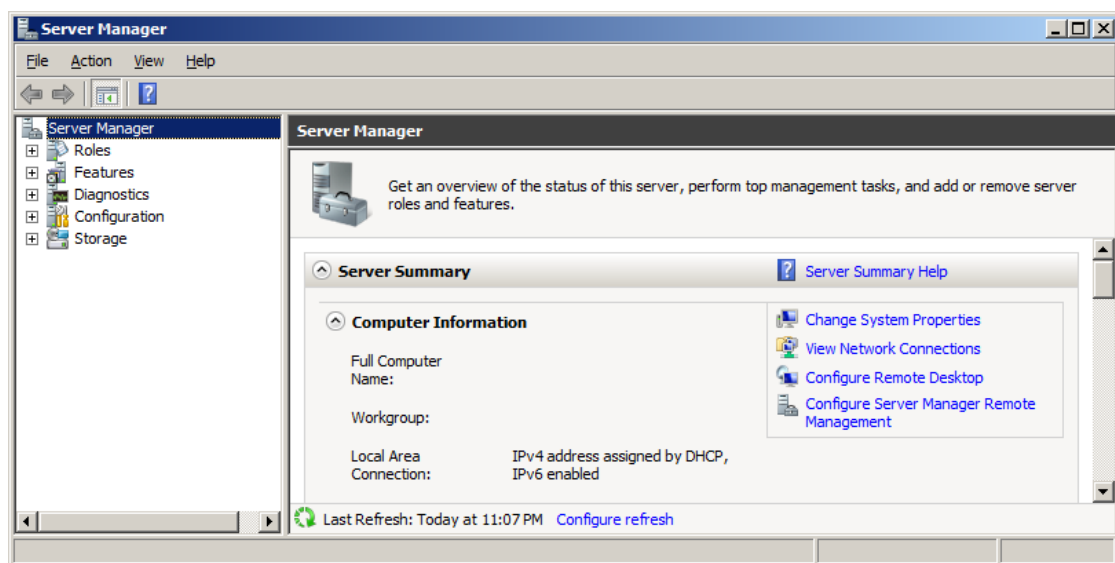
Appendix B Installing .NET Framework 3.5.1

When using Windows Server 2008 R2, you will need to install .NET Framework 3.5.1 to use this software. The procedure is shown below.

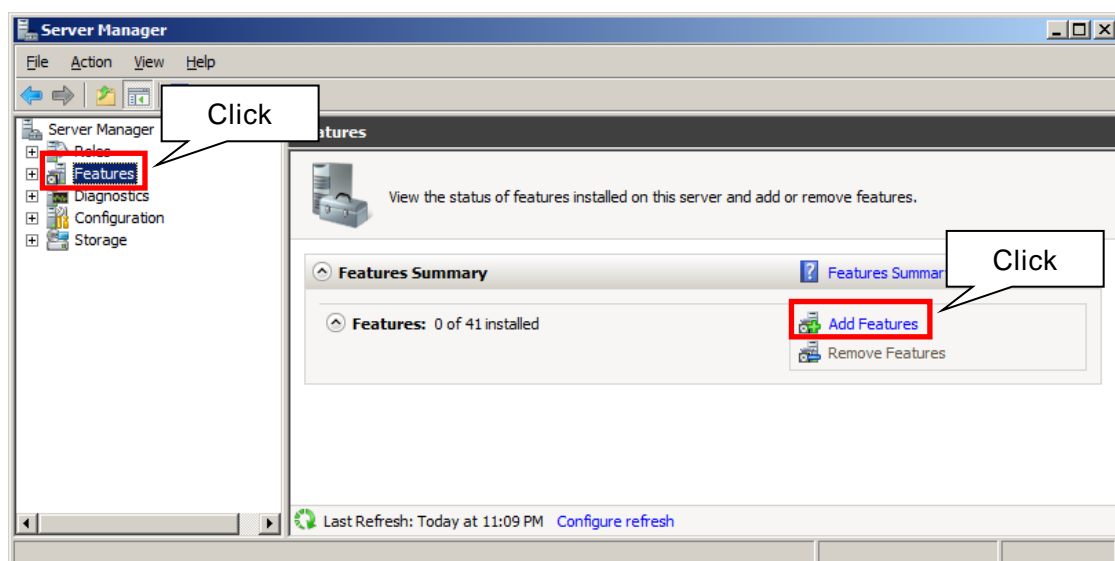
<Information>

An Internet connection and Windows restart are not required for installation of .NET Framework 3.5.1.

- (1) Start “Server Manager” of Windows Server 2008 R2.

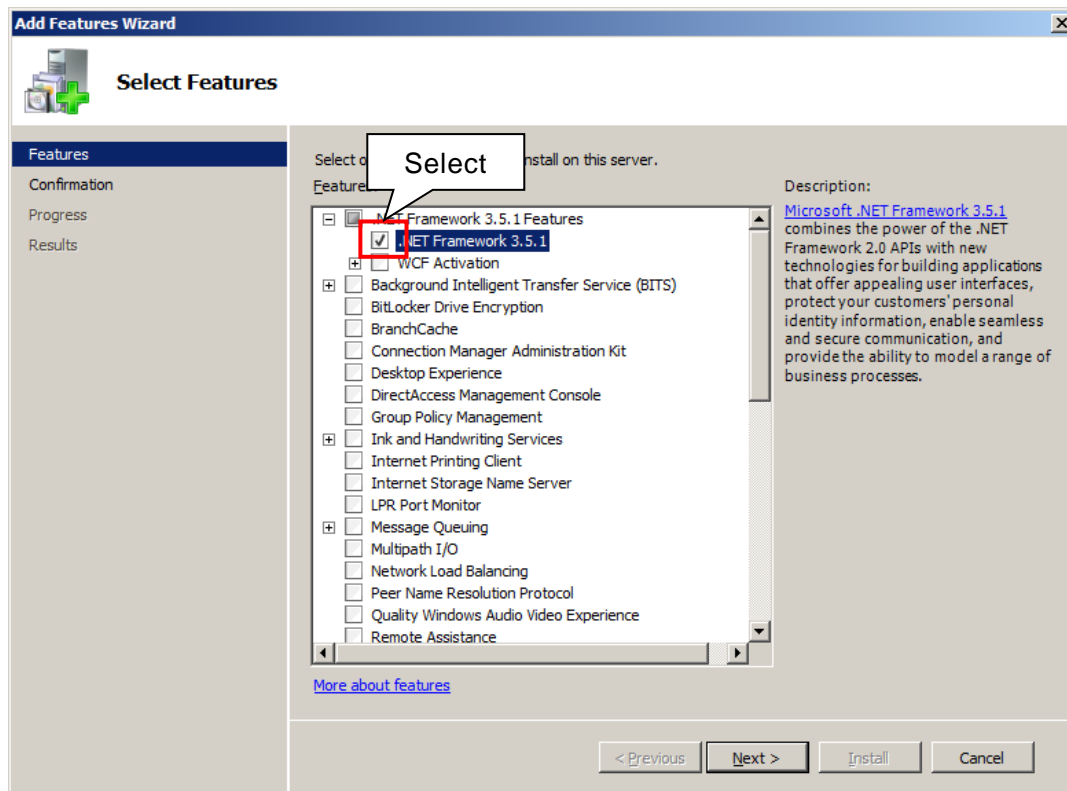


- (2) Click “Features”, and then click “Add Features”.

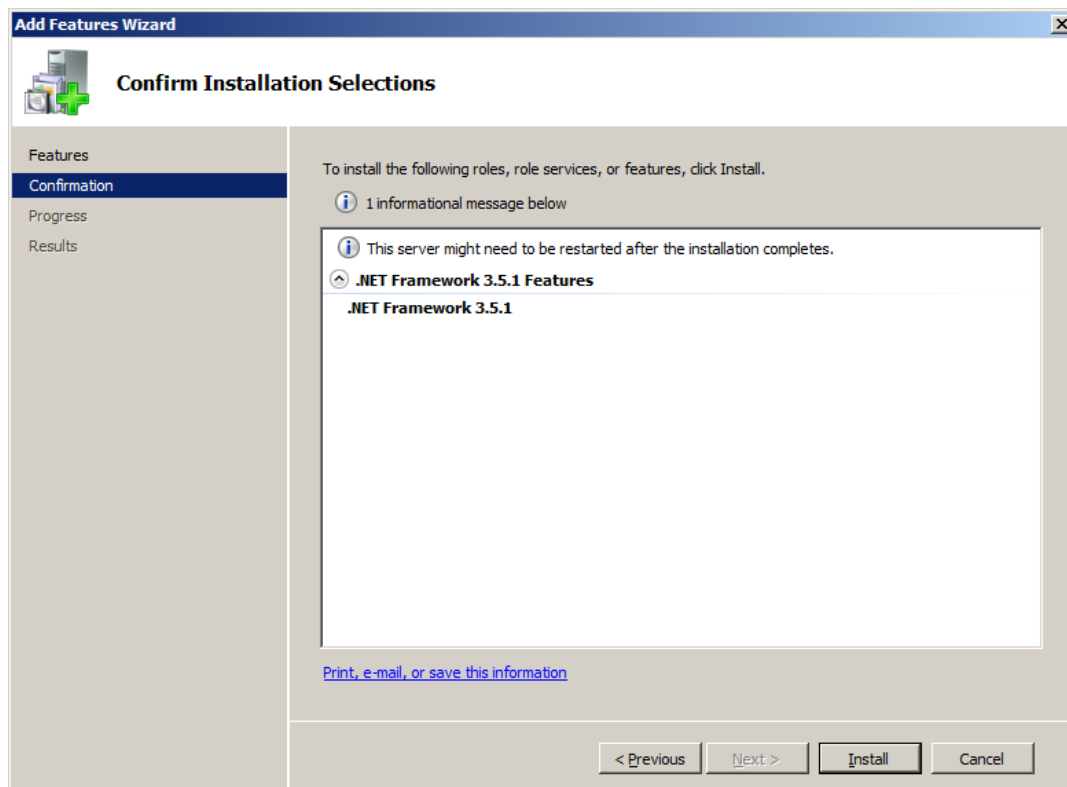


Appendix B Installing .NET Framework 3.5.1

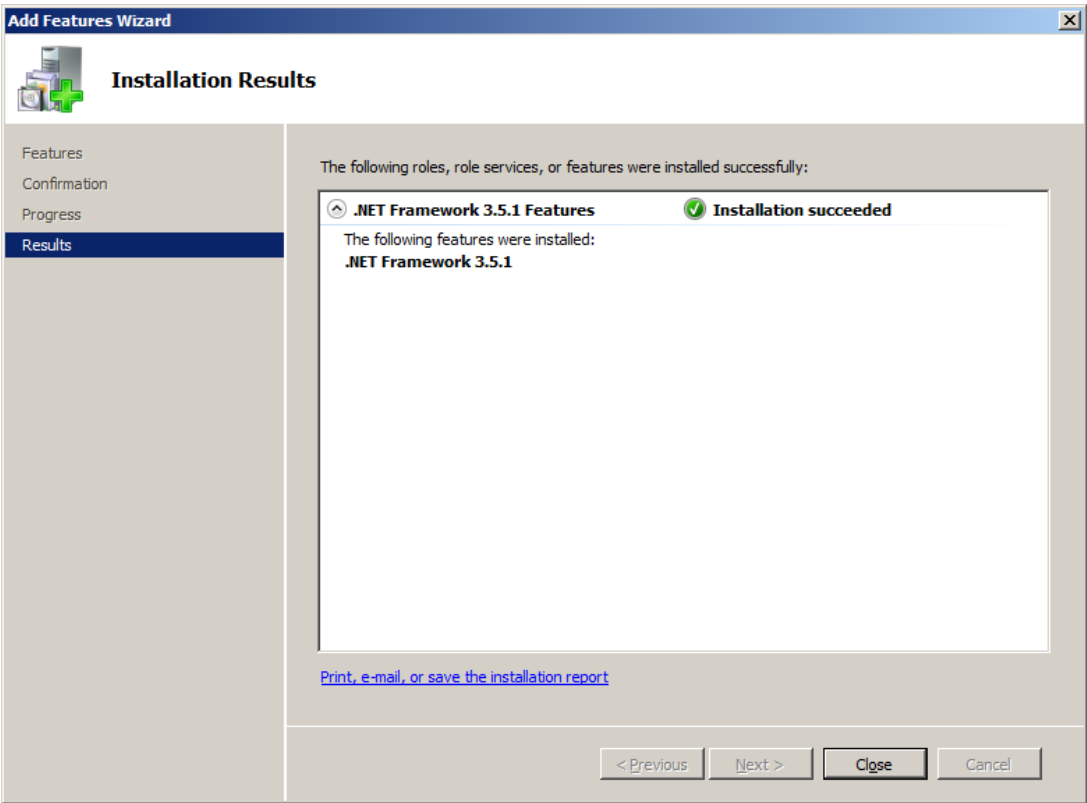
- (3) Open “.NET Framework 3.5.1 Features”, select the “.NET Framework 3.5.1” check box, and click “Next”.



- (4) Click “Install”.



(5) When the following screen appears, installation is complete.



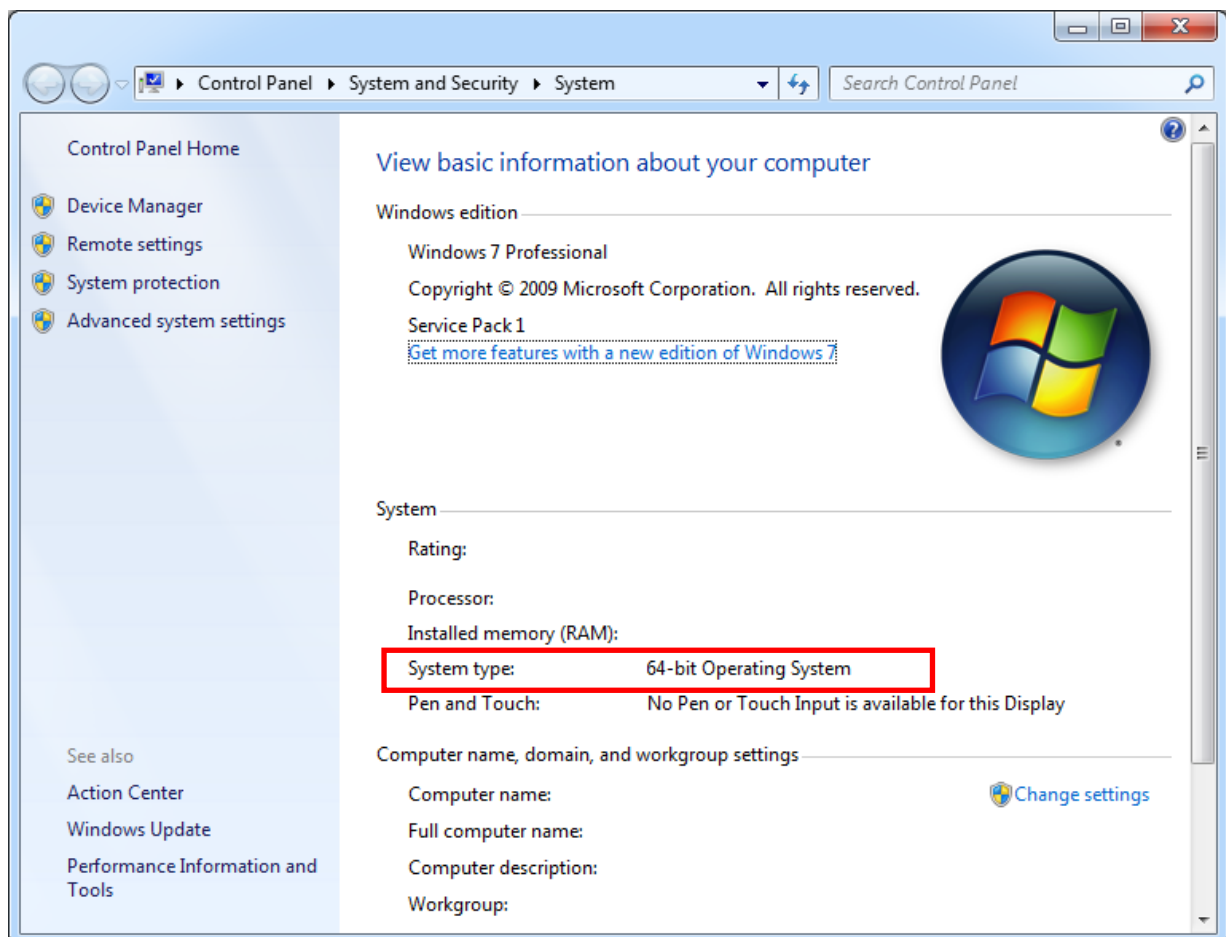
Appendix C Checking Your Windows Version: 32-bit or 64-bit?

To check if you are using a 32-bit version or 64-bit version of Windows, follow the procedure below.

- (1) While holding down the Windows key (the key with the Windows logo mark) on the keyboard, press the Pause Break key.

* On a typical keyboard, the Windows key is located in the lower left area of the keyboard. The Pause Break key is located in the upper right area of the keyboard.

- (2) The following screen appears. Check the “System type”.



If “32-bit Operating System” is displayed, you are using a 32-bit version of Windows.

If “64-bit Operating System” is displayed, you are using a 64-bit version of Windows.