



NETWORK USER'S GUIDE

Store Print Log
to Network

Definitions of notes

We use the following icon throughout this User's Guide:



Notes tell you how you should respond to a situation that may arise or give tips about how the operation works with other features.

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Overview

The Store Print Log to Network feature allows you to save the print log file from your Brother machine to a network server using CIFS ¹. You can record the ID, type of print job, job name, user name, date, time, the number of printed pages and color pages ² for every print job. You can configure this setting using Web Based Management (web browser).

¹ CIFS is the Common Internet File System protocol that runs over TCP/IP allowing computers on a network to share files over an intranet or the Internet.

² Supported models only.

The following print functions are recorded in the print log:

- Print jobs from your computer
- USB Direct Print (Supported models only)
- Copy
- Received Fax (Supported models only)



Note

-
- Print report and lists are not stored to the server.
 - The Store Print Log to Network feature supports **Kerberos** Authentication and **NTLMv2** Authentication.
 - You can set the file type to **Text** or **CSV** when storing a file to the server.
-

How to configure the Store Print Log to Network settings using Web Based Management

1

To use Web Based Management, type `http://xxx.xxx.xxx.xxx` (where `xxx.xxx.xxx.xxx` is the IP address of your machine) into your browser, and then you can configure or change the settings in **Store Print Log to Network** in **Administrator Settings**.

Administrator Settings

Configure Password | Web Settings | **Store Print Log to Network** | FTP/Network Scan Profile | FTP/Network Scan Settings | Secure Function Lock

Store Print Log to Network

Print Log Off On (1)

Host Address (2)

Store Directory (3)

File Name (4)

File Type Text CSV (5)

Authentication Setting (6)

Auth. Method Auto Kerberos NTLMv2

Username (7)

If the user name is part of domain, please input the username in one of the following styles.
 user@domain
 domain/user

Password (8)

Retype Password

Kerberos Server Address (9)

Error Detection Setting

Action Ignore Log & Print Cancel Print

Connection Status (10)

Last Log Status -

Cancel Submit

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1 Choose **On** from **Print Log** (1).

2 You can configure the following settings using a web browser.

■ **Host Address** (2)

The Host Address is the Host name of the CIFS server. Enter the Host Address (for example: example.com) (up to 64 characters) or the IP address (for example: 192.168.56.189).

■ **Store Directory** (3)

Enter the destination folder where your log will be stored on the CIFS server (for example: brother/abc) (up to 60 characters).

■ **File Name** (4)

Enter the file name you want to use for the print log up to 15 characters.

■ **File Type** (5)

Choose the file type for the print log **Text** or **CSV**.

■ Auth. Method (6)

Choose the authentication method required for access to the CIFS server **Auto**, **Kerberos**¹ or **NTLMv2**².

¹ Kerberos is an authentication protocol which allows devices or individuals to securely prove their identity to network servers using a single sign-on.

² NTLMv2 is the default authentication method used by Windows to log into servers.

For Kerberos and NTLMv2 Authentication you must also configure the SNTP protocol (network time server). See page 7 for information on how to configure the SNTP protocol.

- **Auto:** If you choose Auto, the machine will initially search for a Kerberos server. If the Kerberos server is not detected, NTLMv2 will be used for the authentication method.
- **Kerberos:** Choose Kerberos, to use Kerberos authentication only.
- **NTLMv2:** Choose NTLMv2, to use NTLMv2 authentication only.

■ Username (7)

Enter the Username for the authentication up to 96 characters.



Note

If the user name is part of a domain, please input the username in one of the following styles:
user@domain or domain\user.

■ Password (8)

Enter the password for the authentication up to 32 characters.

■ Kerberos Server Address (if needed) (9)

Enter the KDC Host Address (for example: ftp.example.com) (up to 64 characters) or the IP address (for example: 192.168.56.189).

3 In the **Connection Status** (10), you can confirm the last log status. For more information, see *Understanding Error Messages* on page 5.

4 Click **Submit** to apply your settings.

Error Detection Setting

You can choose what action is taken when the print log cannot be stored to the server due to a network error.

- 1 Choose **Ignore Log & Print** or **Cancel Print** in the **Error Detection Setting** of **Store Print Log to Network**.

■ Ignore Log & Print

If you choose **Ignore Log & Print**, the machine prints the document even if the print log cannot be stored to the server.

When the store print log function has recovered, the print log is recorded as follows:

- If the log cannot be stored at the end of printing, the print log except the number of printed pages and color pages will be recorded. (1)
- If the Print Log cannot be stored at the beginning and the end of printing, the print log of the job will not be recorded. When the function has recovered, the occurrence of an error is shown in the log. (2)

Example of the print log:

Id	Type	Job Name	User Name	Date	Time	Print Pages	Color Pages
1	Print (Network)	"Doc01.doc"	"user01"	25/01/2009	14:21:32	10	10
2	Print (Network)	"Doc02.doc"	"user01"	25/01/2009	14:45:30	?	?
3	Print(USB)	"Report01.els"	"Mike"	25/01/2009	15:20:30	13	10
4	<ERROR>	?	?	?	?	?	?
5	Print (Network)	"Doc03.doc"	"user01"	25/01/2009	16:12:50	40	10

(1) points to the second row (ID 2) and (2) points to the fourth row (ID 4).



Note

The order of the items are different depending on the countries.

■ Cancel Print

If you choose **Cancel Print**, the print jobs are canceled when the print log cannot be stored to the server.



Note

Even if you choose **Cancel Print**, your machine will automatically print a copy of the stored fax.

- 2 Click **Submit** to apply your settings.

Understanding Error Messages

You can confirm the error status on the LCD of your machine or **Connection Status** in Web Based Management.

■ Server Timeout

This message will appear when you cannot connect to the server.

Make sure that:

- Your server address is correct.
- Your server is connected to the network.
- The machine is connected to the network.

■ Authentication Error

The message will appear when your **Authentication Setting** are not correct.

Make sure that:

- Username ¹ and Password in Authentication Setting is correct.
¹ If the user name is part of domain, please input the username in one of the following styles: user@domain or domain\user.
- Confirm the SNTP time server protocol is configured correctly so the time matches the time used for authentication by Kerberos or NTLMv2.

■ File Access Error

This message will appear when you cannot access the destination folder.

Make sure that:

- Directory name is correct.
- Directory is write-enabled.
- File is not locked.

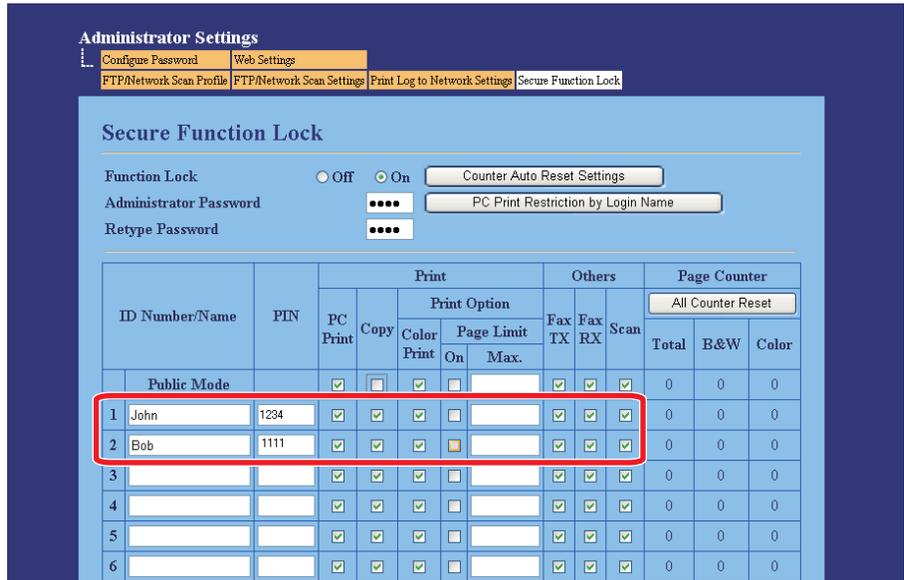


Note

If you choose the **Cancel Print** option in Web Based Management the `Log Access Error` message will remain on the LCD for about 1 minute.

Using Store Print Log to Network with Secure Function Lock 2.0

When Secure Function Lockv2 is active the names of the registered users for printing, copy, Fax RX and USB Direct Printing (if available) functions will be recorded in the Store Print Log to Network report.



Example of the print Log with Secure Function Lock 2.0 users:

```

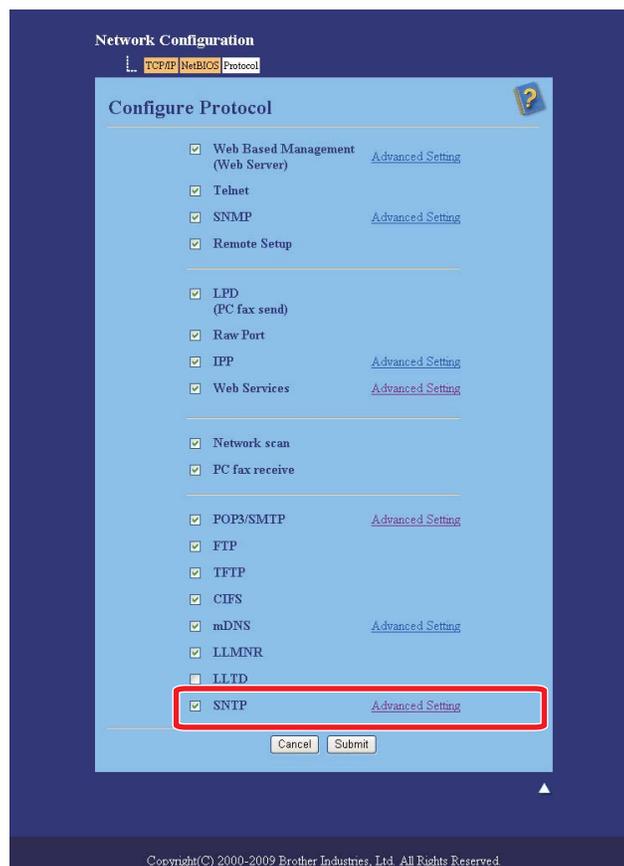
Id, Type, Job Name, User Name, date, Time, Print Pages, Color Pages
1, Copy, -, -, 29/4/2009, 9:36:06, 1,1
2, Fax, -, -, 29/4/2009, 22:38:30, 1,0
3, Copy, -, Bob, 30/4/2009, 9:06:17, 1,0
4, Fax, -, Bob, 30/4/2009, 9:02:13, 2,0
5, Print(Network), Document1, John, 30/4/2009, 10:58:52, 1,1
    
```

How to configure the SNMP protocol using Web Based Management

1

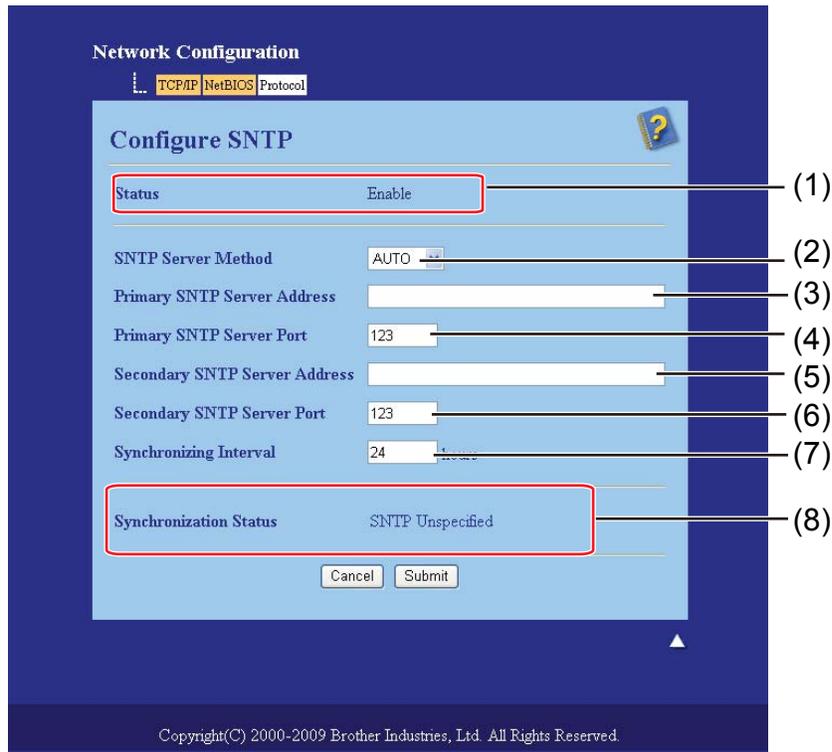
SNTP is the protocol used to synchronize the time used by the machine for Authentication with the SNTP time server (this time is not the time displayed on the LCD of the machine). You can configure this setting using Web Based Management (web browser).

To use Web Based Management, type `http://xxx.xxx.xxx.xxx` (where `xxx.xxx.xxx.xxx` is the IP address of your machine) into your browser, and then you can configure the settings of SNTP in **Configure Protocol** in **Network Configuration**.



- 1 Select the **SNTP** check box to activate the setting.

2 Click **Advanced Setting**.



■ **Status (1)**

Displays whether the SNMP server settings are enabled or disabled.

■ **SNMP Server Method (2)**

Choose **AUTO** or **STATIC**.

• **AUTO**

If you have a DHCP server in your network, the SNMP server will automatically obtain the address from that server.

• **STATIC**

Enter the address you want to use.

■ **Primary SNMP Server Address (3), Secondary SNMP Server Address (5)**

Enter the server address (up to 64 characters).

■ **Primary SNMP Server Port (4), Secondary SNMP Server Port (6)**

Enter the Port number (1 to 65535).

■ **Synchronizing Interval (7)**

Enter the interval of hours which you want to synchronize to the server (1 to 168 hours).

■ **Synchronization Status (8)**

You can confirm the latest synchronization status.

3 Click **Submit** to apply the settings.