

ApeosWare Management Suite 2 Migration Guide

- (1) This manual may not be edited, modified or copied in whole or part without the written consent of the publisher.
- (2) Some parts of this manual are subject to change without prior notice.
- (3) The screen shots and the illustrations in this manual are used as examples. They may differ from yours depending on the model, the software, or the OS.

Refer to "Setup Guide" for "About Manuals and Accessory Tools", "Conventions", and trademark.

Product information is provided at our Internet homepage. Visit https://www.fujifilm.com/fbglobal/eng/product/aw_manage_suite

Table of Contents

Table of Contents	2
-------------------------	---

1 Update Installation

Overview	4
Update Installation Process	4
License Activation	4
Notes	5
Back up the old version	5
Preparations	5
Cancel flow jobs	6
Close all tools	6
Perform the update installation	6

2 Migration from ApeosWare Management Suite 1.4 to 2.2

Migration from ApeosWare Management Suite 1.4 to 2.2	11
Target ApeosWare Management Suite Software	11
Migration System Configuration	11
Internal data cannot be migrated	12
Update Flow	13
Backup of User Environment	16
Obtaining migration data of Flow Management 1.4	16
Obtaining migration data of ApeosWare Management Suite 1.4	17
Invalidation of license of Flow Management 1.4	25
Invalidation of license of ApeosWare Management Suite 1.4	25
Copy of migration data	25
Uninstallation of Update Service 1.4	25
Uninstallation of database	25
ApeosWare Management Suite 2.2 Installation	26
Installation of Flow Management 2.2	26
Backup of ApeosWare Management Suite 2.2/Flow Management 2.2	26
Data transfer	26
ApeosWare Management Suite 2.2 Settings	30
Shared Printer Creation	45
Exporting of Setting Data	45
Operation Confirmation	46
Uninstallation of Flow Management 1.4	46
Uninstallation of Print Management 1.4	46

Uninstall ApeosWare Management Suite 1.4	46
Migration Tool Log	46
Notes/Restrictions	47

1 Update Installation

This section describes the procedure to update and install from ApeosWare Management Suite 2.0 or later to ApeosWare Management Suite 2.2.

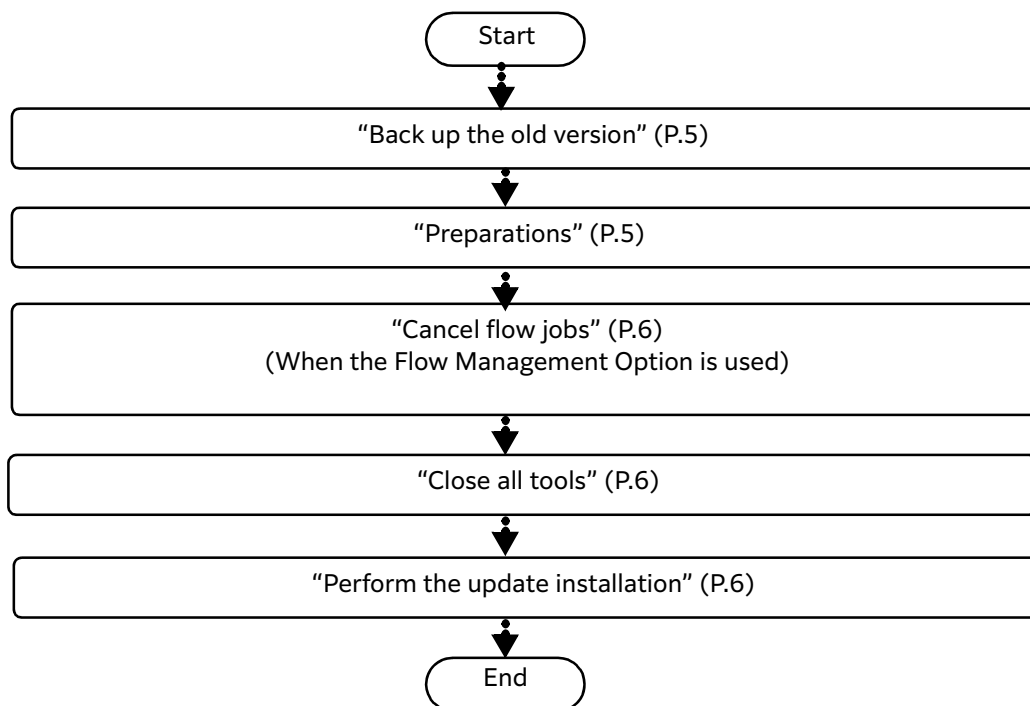
Overview

Update installations are used to update the version of existing ApeosWare Management Suite installations.

Updated software retains configuration information from the old version. Registered user and device information and server configurations can also be used.

To perform an update installation, execute the "Launcher.exe" file found on the ApeosWare Management Suite 2.2 installation DVD-ROM media.

Update Installation Process



License Activation

The same serial number can continue to be used in the updated version.

However, you will need a new serial number to add new options that are not installed in the old version. Contact our representatives for more information on acquisition of serial numbers.

Notes

- The language setting cannot be changed. You must select the same language used in the old version to perform an update installation.
- The edition of the ApeosWare Management Suite cannot be changed.
- Server configurations cannot be changed. If using a distributed configuration, the software must be updated on all servers.
The version update is not supported when the system configuration is as described below. Please note the limitations.
 - Redundant configuration (Cold Standby configuration / N system configuration / load balancer configuration / MSFC configuration, etc.)



Note

In the case of all-in-one Cold Standby configuration or N system configuration, the situation can be handled by performing upgrade and migration on each PC and reconfiguring the system by following this procedure.

- SQL Server cannot be updated. Do not update SQL Server to the version included on the DVD-ROM.
- ApeosWare Management Suite will be temporarily unavailable during the update and installation process due to need to stop services and reboot the PC. Be aware of this if updating the software during normal business hours or other times when ApeosWare Management Suite is normally used.
- After performing the update installation, use the Update Service to apply the most recent ApeosWare Management Suite 2.2 patch.

Back up the old version

Updating ApeosWare Management Suite normally retains configuration information from the old version. However, we recommend that you back up the old version before updating just in case information is lost during the update installation process.

You may need backup data to restore your existing environment if the update installation process fails.



Refer

"Backup and Restoration" in "Installation and Operation Guide"

Preparations

Updating the Version of Environment

The update is available for the versions 2.1.4.0 or later and 2.2.0.0 or later in this DVD-ROM. The update module for the latest version can be downloaded from our web site.

Checking the PC environment

The environment requirements may be different between the older version and the updated version.

Check that the PC with the old version meets the requirements for the new version.

Check that the following services are running.

- SQL Server ({Instance Name})
- SQL Server Browser



Refer

"Required Environment" in "Setup Guide"

Stop all antivirus software if running

It is recommended to stop all antivirus software during the update installation process.

Cancel flow jobs

Perform the following steps to cancel flow jobs if using the Flow Management Option.

1. If any jobs are already running, either wait for the job to finish or delete the running jobs.
2. Cancel all flow jobs listed on the [Flow List] page.



"ApeosWare Management Suite 2 Features Guide Flow Management Option" (hereinafter referred to as "Features Guide Flow Management Option.")

Close all tools

Close all of the following tools running on ApeosWare Management Suite servers, Web clients, and print clients. Each tool can be closed at any rank.

- Update Service
- License Activator
- Data Input Console
- Diagnostics Utility
- Device Setup
- Printer Check
- User Information Registration
- Job Log Analyzer
- Popup Messenger
- Paper Form Editor

Perform the update installation

Update the specific ApeosWare Management Suite software installed on every server, Web client, and print client to ApeosWare Management Suite.



After the update of ApeosWare Management Suite, the screens of ApeosWare Management Suite may not be displayed correctly in a Web browser. If such a case occurs, delete the Web browser cache once and use ApeosWare Management Suite.

Software Update Procedure

Perform the following steps to update your software.



Note

The version update is not supported when the system configuration is as described below. Please note the limitations.

- Redundant configuration (Cold Standby configuration / N system configuration / load balancer configuration / MSFC configuration, etc.)



Refer

Refer to "All-in-One Configuration Update Procedure" (P.7) and "Distributed Configuration Update Procedure" (P.7) for more information on specific update procedures for each type of server configuration.

1. Insert the DVD-ROM of the new version into a DVD drive and start Launcher.exe.
2. If the language selection window appears, select the same language as used in the old version and then click [OK].
3. From the [Features List] or [Tool List] in the [ApeosWare Management Suite] window, double-click the name of the software you want to update.
4. After that, follow the instructions on the screen to perform the update installation.



Note

The operating system does not typically need to be reboot during the update installation process. However, if your system does prompt you to reboot the operating system during the update installation process, make sure to reboot before updating other software.

All-in-One Configuration Update Procedure

Perform the following steps to update software in all-in-one configurations.



Note

Sentinel RMS License Manager for FX controls the licenses of ApeosWare Management Suite and other software of our company.

Sentinel RMS License Manager for FX cannot be uninstalled if other our software of which license is controlled by Sentinel RMS License Manager for FX remains installed.

Conduct uninstallation of Sentinel RMS License Manager for FX at convenient time.

Check that Sentinel RMS License Manager for FX is not used in other software, and then uninstall it in the following steps:

1. Open [Control Panel], then click [Program] > [Programs and Features].
2. In the list of software installed, select "Sentinel RMS License Manager for FX", then click [Uninstall].
3. If a confirmation message is displayed to confirm the start of uninstallation, click [Yes].
Uninstallation starts. Upon completion of the process, a completion message is displayed.
4. Click [Done].

1. Perform the following steps to update the main server software.
 - (1) Update ApeosWare Management Suite.
 - (2) Update the Update Service.
 - (3) Update the Flow Management Option.

Distributed Configuration Update Procedure

Perform the following steps to update software in distributed configurations. Perform the procedure in accordance with your specific server configuration.

Perform the necessary procedures in accordance with your specific server configuration.



Note

Sentinel RMS License Manager for FX controls the licenses of ApeosWare Management Suite and other software of our company.

Sentinel RMS License Manager for FX cannot be uninstalled if other our software of which license is controlled by Sentinel RMS License Manager for FX remains installed.

Conduct uninstallation of Sentinel RMS License Manager for FX at convenient time.

Check that Sentinel RMS License Manager for FX is not used in other software, and then uninstall it in the following steps:

1. Open [Control Panel], then click [Program] > [Programs and Features].
2. In the list of software installed, select "Sentinel RMS License Manager for FX", then click [Uninstall].
3. If a confirmation message is displayed to confirm the start of uninstallation, click [Yes].
Uninstallation starts. Upon completion of the process, a completion message is displayed.
4. Click [Done].

1. Perform the following steps to update the main server software.

- (1) Update ApeosWare Management Suite.
- (2) Update the Update Service.



Note

If the main server is updated, the database server is updated automatically.

2. Perform the following steps to update software on the print application server, print input/output server, remote report server, remote OCR server or remote mobile server.

■ For the print application server

- (1) Update the Print Application Server.
- (2) Update the Update Service.

■ For the print input/output server

- (1) Update the Print Input/Output Server.
- (2) Update the Update Service.

■ For the remote report server

- (1) Update the SSRS (SQL Server Reporting Services) for Remote Report Server.

■ For the remote OCR server

- (1) Update the Remote OCR Server.
- (2) Update the Update Service.

■ For the remote mobile server

- (1) Update the Remote Mobile Server.
- (2) Update the Update Service.

3. Perform the following steps to update the flow server software.

- (1) Update the Flow Management Option.
- (2) Update the Update Service.

Method for Updating Tool Version

When the following tool is installed, perform the following steps to update the version.

When Paper Form Management is Installed

1. Use "Form Analysis Data Sharing Tool" to export the form analysis data of the older version.



Refer

Refer to "Features Guide Flow Management Option" > "8. Appendix" > "Accessory tools" for details on

"Form Analysis Data Sharing Tool".

2. Uninstall the older version of Paper Form Management.
3. Install the new version of Paper Form Management.
4. Use "Form Analysis Data Sharing Tool" to import the data you exported in Step 1 to the new environment of Paper Form Management version that is installed in Step 3.

When Paper Form Editor is Installed

1. Make backup of the following files contained in {Installation folder}\Paper Form Editor\system to a folder other than the {Installation folder}.
 - ControlParts.xcp
 - SystemDefinitionAttributeEN.xsf
 - SystemDefinitionAttributeJP.xsf

{Installation folder} is as follows if no change is made on the initial settings.

-64 bit OS:
 "C:\Program Files (x86)\Fuji Xerox\ApeosWare MS 2"

-32 bit OS:
 "C:\Program Files\Fuji Xerox\ApeosWare MS 2"
2. Uninstall the older version of Paper Form Editor.
3. Install the new version of Paper Form Editor.
4. With the files you made the backup in Step 1, overwrite the files in the folder {Installation folder}\Paper Form Editor\system that is installed in Step 3.
 {Installation folder} is as follows if no change is made on the initial settings.
 "C:\Program Files (x86)\FUJIFILM\ApeosWare MS"

When Solution Editor, Popup Messenger, OnDemand Print Terminal, and Job Log Analyzer are Installed:

- (1) Uninstall the older versions of Solution Editor, Popup Messenger, OnDemand Print Terminal, and Job Log Analyzer.
- (2) Install the new versions of Solution Editor, Popup Messenger, OnDemand Print Terminal, and Job Log Analyzer.



Note

- To use folders other than initially created after updating Flow Management Option, refer to "Preparing Folders" in "Features Guide Flow Management Option".
- Upgrading to ApeosWare Management Suite 2.2 results in the data in the user data storage folder being moved to the new folder specified when upgrading.
 However, the following folders will be used as they are after upgrading if they have been used before the upgrading.
 Refer to "Features Guide" or "Features Guide Flow Management Option" to make settings for new folders as necessary.
 - Temporary Folder
 It goes by default to {destination folder}\Temp\AWMS_Device_Tmp
 - job log folder
 It goes by default to {destination folder}\joblog

- The following folders for Flow Management
It goes by default to {destination folder}\Data\FM\folders\input
Folder for the [Save to Folder] function
It goes by default to {destination folder}\Data\FM\folders\output
Folder for the [Document and Attributes Table Output] function
It goes by default to {destination folder}\Data\FM\folders\attrtable
- Storage destination of files imported
{destination folder}\User Management\Import

{storage folder of user data} is specified at installation. It goes by default to "C:\Fuji Xerox\ApeosWare MS 2".

To change the storage destination of files imported, execute file import. Refer to "Create an import schedule (Import file)" in "Features Guide".

2 Migration from ApeosWare Management Suite 1.4 to 2.2

Migration from ApeosWare Management Suite 1.4 to 2.2

Update ApeosWare Management Suite 1.4 to ApeosWare Management Suite 2.2 with migration tool.



Note

- The target version is ApeosWare Management Suite 2.2.
- CAN NOT update only with execution of the installer.
- In the case of migration in a same PC, it is necessary to uninstall SQL Server. In this connection, it is necessary to uninstall the database used by ApeosWare Management Suite 1.4.x.
- When installing ApeosWare Management Suite 2.2 to the migrate destination, the license for ApeosWare Management Suite 1.4 cannot be used. Separately obtain a license for ApeosWare Management Suite 2.2 before installing it.
- It is recommended to take a backup of the database according to need.

Target ApeosWare Management Suite Software

Migration source: ApeosWare Management Suite of Version 1.4.0.23 and later

Migration destination: ApeosWare Management Suite 2 of Version 2.2.1.0 or later.



Note

Check the latest information on the web site of FUJIFILM Business Innovation when updating from any version that is newer.

Migration System Configuration

All-in-one configuration/flow server separating configuration

The all-in-one configuration of ApeosWare Management Suite 1.4 is supported by the ApeosWare Management Suite 2.2 all-in-one configuration, and the flow server separating configuration of ApeosWare Management Suite 1.4 is supported by the ApeosWare Management Suite 2.2 flow server separating configuration. Other configurations cannot be migrated.

Internal data cannot be migrated

Internal data that will be migrated by this tool is as follows. Data not migrated by the migration tool must be manually reconfigured after performing the migration. For detailed steps, refer to the migration steps described below.

Category	Items that can be migrated by this tool	Items that need to be manually configured after migration	Items that cannot be migrated
Identity Management	Local User Local User Groups	Remote users Remote user ApeosWare Management Suite attribute values Remote user groups System Settings Sub-User	-
Device Management	Device Information Device Group Printer Information/ Administrator Information Recipients Folder	Permission (Local Authentication) System Settings	Account ID File Information
Log Management	Job Log Collection Settings	Job Log (File) System Settings	Job Log (DB)
Authentication Management	-	Permission System Settings	Upper Limit (*1)
Print Management	Physical Printer Print Queue (*2)	System Settings	Print Mode Job
Flow Management	-	Flow Definitions System Settings	Job
Update Date Service	Driver Data	-	-

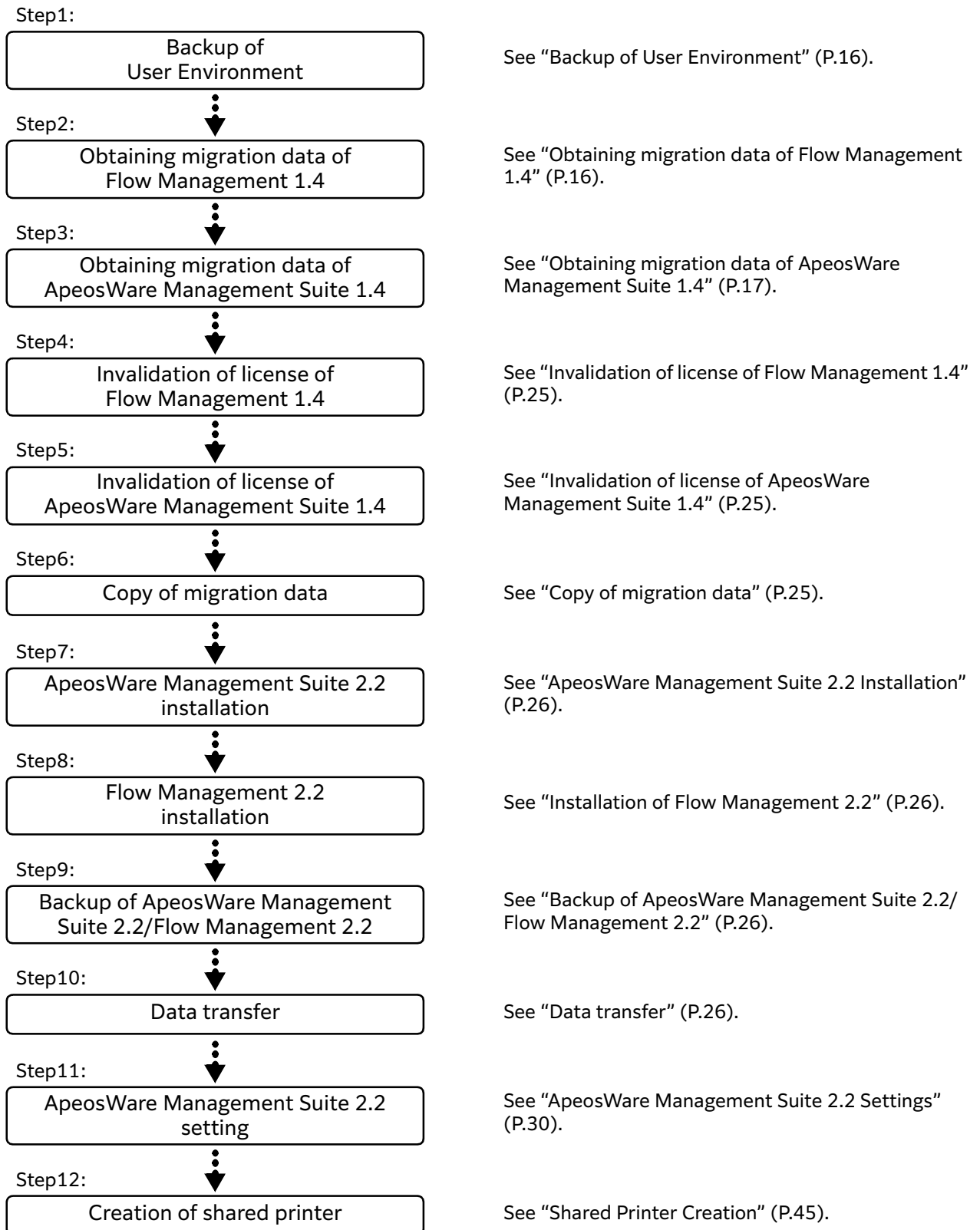
*1 The actual value of the upper limit is not migrated either.

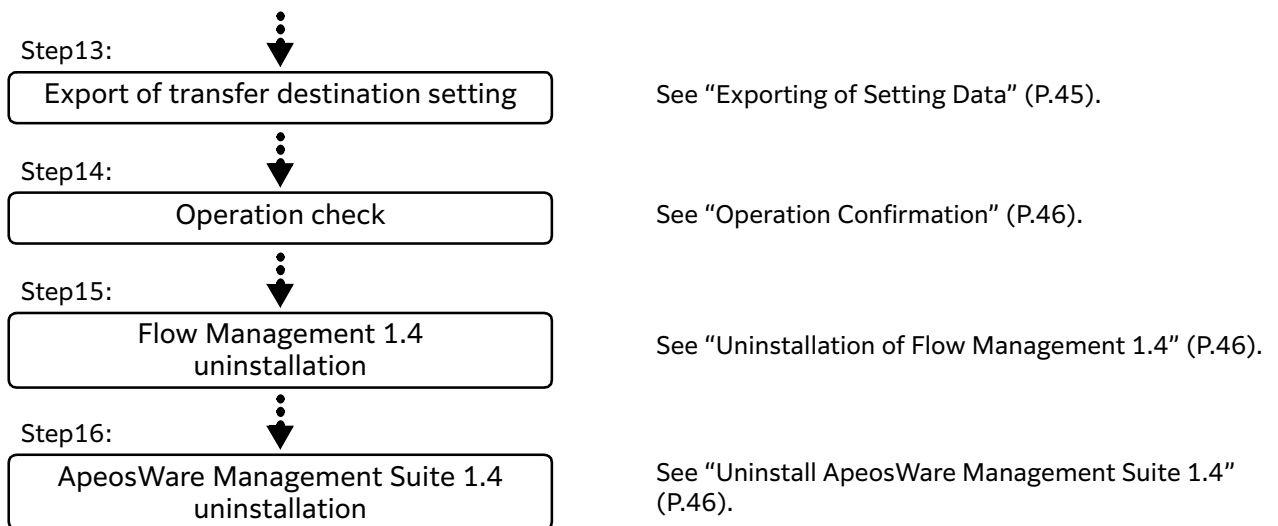
*2 After migration, it is necessary to associate with the print server and device group or device.

Update Flow

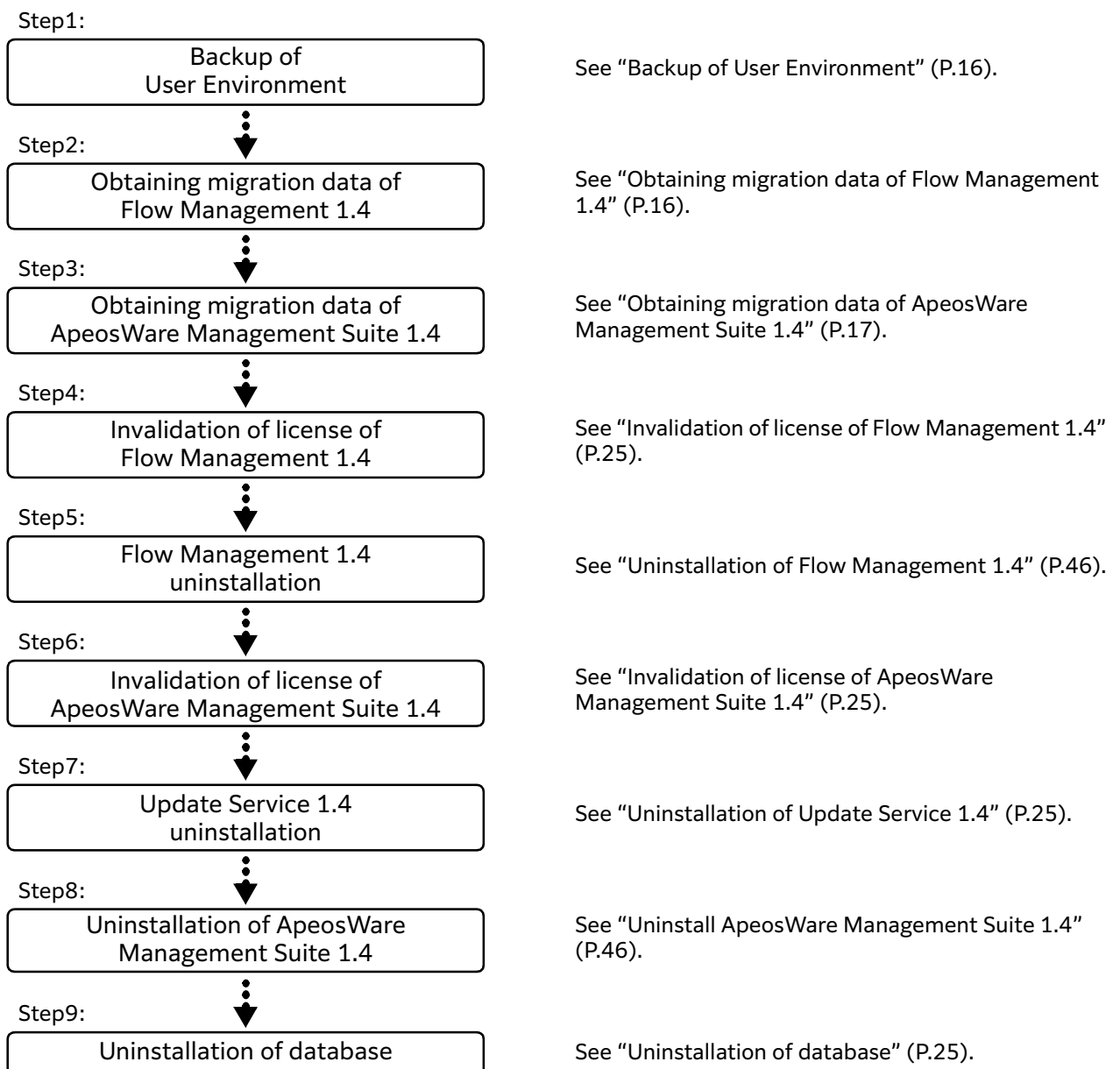
The instructions of updating to ApeosWare Management Suite 2.2 are below:

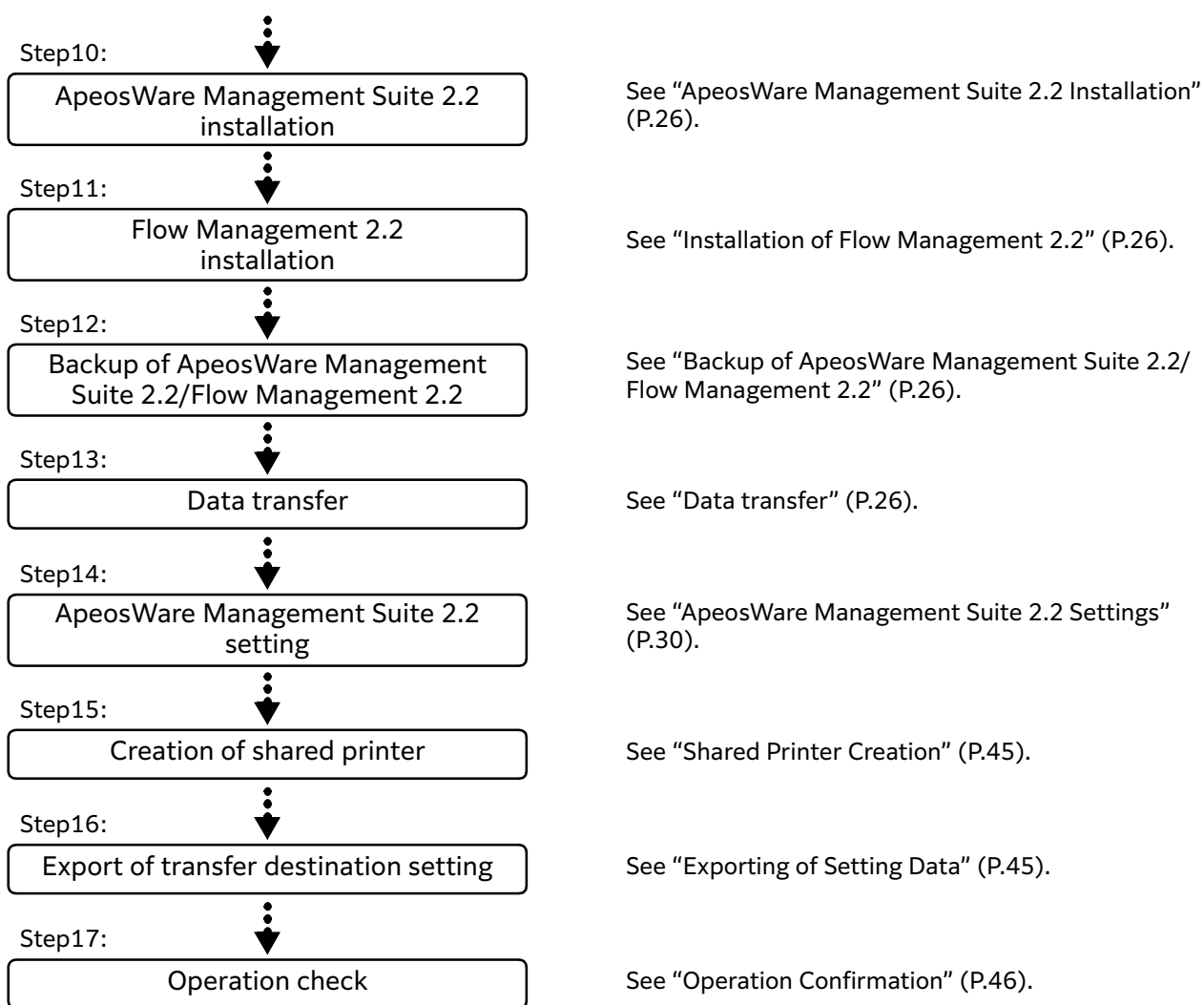
In case of migration to the other server





In case of migration in the same server





Backup of User Environment

In view of a case that a restoration of previous environment is necessary in migration procedure, back up the data of user's ApeosWare Management Suite environment by making a Virtual Machine image backup or by using the backup restore tool of ApeosWare Management Suite.

Obtaining migration data of Flow Management 1.4

Preparations on Flow Management 1.4 are required before installation.

1. Download Shared System ID.



Refer

"2. Configuring the Flow Environment" > "Configuring the Flow Usage Environment" > "Downloading the Shared System ID File" in the "Features Guide Flow Management Option".

2. Confirm the users of Flow Composer.



Refer

"2. Configuring the Flow Environment" > "Setting [Flow Composer]" in the "Features Guide Flow Management Option".

3. Confirm the authentication settings of the flows to be migrated.

Open the Flow List screen of Flow Management and perform the following operations on all the flows to be migrated.

(1) Display the Properties screen of an applicable flow.

(2) Open the [Role] tab of the flow and make a note of "User ID" and "User Name" of the following roles given to the flow.

- Owner
- User (Job Registration)
- User (Job Registration and Operation)



Refer

"1. Overview of Flow Management" > "Roles of Flow Management" in the "Features Guide Flow Management Option".

4. Download the flow to be migrated.



Refer

"3. Configuring Flows" > "Operating the Flow" > "Downloading Flows" in the "Features Guide Flow Management Option".



Note

Because user information assigned to the flow definitions will not be migrated automatically, it is necessary to reconfigure them after the migrate so that they will be assigned to the same user.

5. When you are using Form Analysis, also perform the following steps.

(1) Take notes of the name of Management Group created with Paper Form Management.



Note

Go to "Creating Form Management Groups / Forms" > "Create New Form Management Group" shown in the "ApeosWare Management Suite 1.4 Administrator Guide for Flow Management". On the [Management Groups List] page, take notes of all the Management Group names that are already created.

(2) With Paper Form Management, download all the form templates that are registered to each of the created Management Group.



- Go to "Creating Form Management Groups / Forms" > "Create New Form Management Group" shown in the "ApeosWare Management Suite 1.4 Administrator Guide for Flow Management". On the [Management Groups List] page, select each Management Group, then on the [Form Template List] page, download all the form templates that are registered to each Management Group.
- To Paper Form Management installed on a different PC, register the same form templates to the same Management Group, and generate the forms.
- Take notes which form template is registered to which Management Group.

6. In the case of the configuration to separate flow servers, retrieve setting list files (P.32) for flow servers using a migration tool.

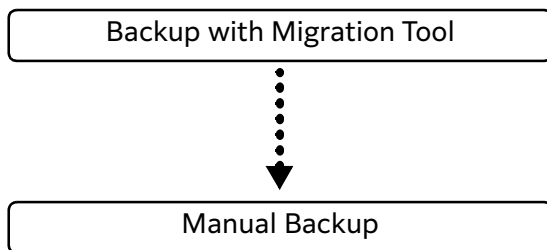
See steps in "Backup of ApeosWare Management Suite 1.4 using a Migration Tool," and execute a migration tool in an isolated flow server.



"ApeosWare Management Suite 1.4 backup using the migration tool" (P.17)

Obtaining migration data of ApeosWare Management Suite 1.4

Backup Flow



See "Backup of data not migrated by the utility" (P.21).

ApeosWare Management Suite 1.4 backup using the migration tool

Collect the database and backup data of the ApeosWare Management Suite based on the following procedure.

1. Log into a device with ApeosWare Management Suite 1.4 installed as an Administrator User.
2. Insert the ApeosWare Management Suite 2.2 installation media into the Migrate destination (ApeosWare Management Suite 1.4) main server, and then install .NET Framework 4.6.
 - (1) Open the following folder in the ApeosWare Management Suite 2.2 installation media.
{Media Root Directory}\cm\apeos\basic\DotNetFrameWork46
 - (2) Run ndp461-kb3102436-x86-x64-allos-enu.exe, and then install .NET Framework 4.6 in the Migrate destination (ApeosWare Management Suite 1.4).
3. Copy the following folder that is included in the installation media for ApeosWare Management Suite 2.2 to any folder, and then run MigrationTool.exe.
<root> (Root directory of installation media)\migrationtools\awms



To execute this tool, all the services of the installed functions of ApeosWare Management Suite 1.4 need to be started. If they are not started, start all the services from the Windows Service Control Manager.

4. The migration tool will launch.
Change the display language if necessary.

5. Select [Export data from ApeosWare Management Suite 1.x], then click [Next].

Data Migration Tool

Data Migration Tool for ApeosWare Management Suite

Select Migration Task

- Export Settings for Settings List
- Export Settings for Migration Data
- Import Settings for Migration Data
- Run Task
- Check Results

Select the task and click [Next].

☒ Export Data from ApeosWare Management Suite 1.x
Select this to export data and then import to 2.2 later.

☐ Import Data from ApeosWare Management Suite 1.x
Select this to import data that was already exported from 1.x.

< Back Next > Cancel

6. Click [Browse], then click [Next] after specifying the storage location of the settings list file.

Data Migration Tool

Data Migration Tool for ApeosWare Management Suite

Select Migration Task

- Export Settings for Settings List
- Export Settings for Migration Data
- Import Settings for Migration Data
- Run Task
- Check Results

Settings list will be exported from ApeosWare Management Suite 1.x.
Select the folder to save the settings list and click [Next].

Storage Folder for Settings List:

C:\migrationtools\setting_list

Browse

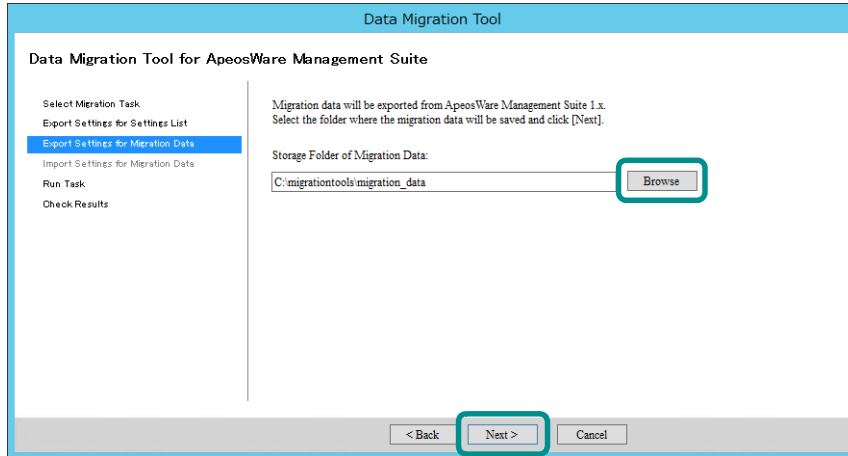
< Back Next > Cancel



Note

Depending on the destination to save such as a folder on the desktop, the reading authority and writing authority of the NETWORK SERVICE user must be set for the saving folder of the setting list.

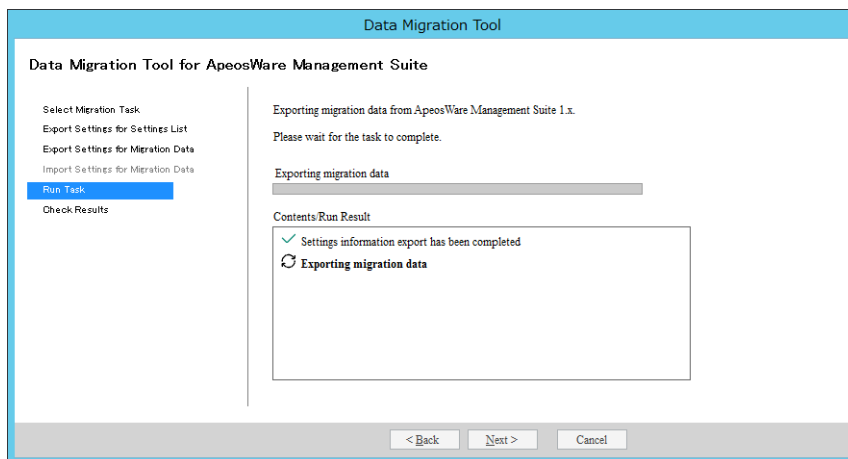
7. Click [Browse], specify the storage location of the migrate data file, then click [Next].



Note

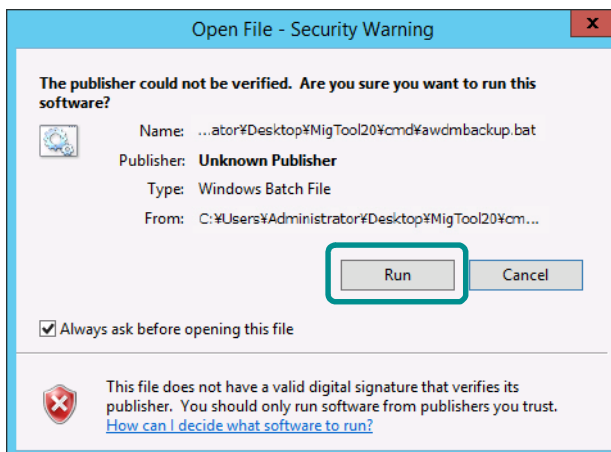
Depending on the destination to save such as a folder on the desktop, the reading authority and writing authority of the NETWORK SERVICE user must be set for the saving folder of the setting list.

8. The data exporting will commence simultaneously with the displaying of the progress bar. Wait a moment until the operation is complete.

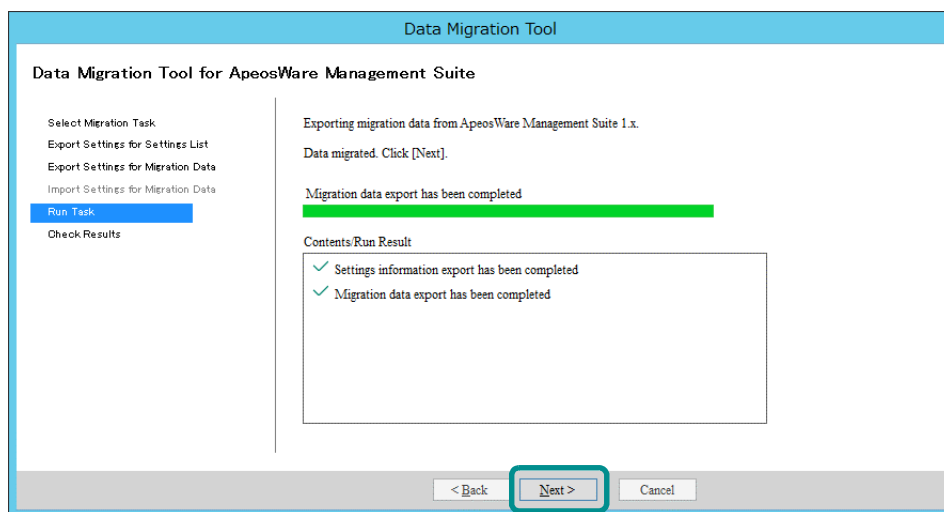


Note

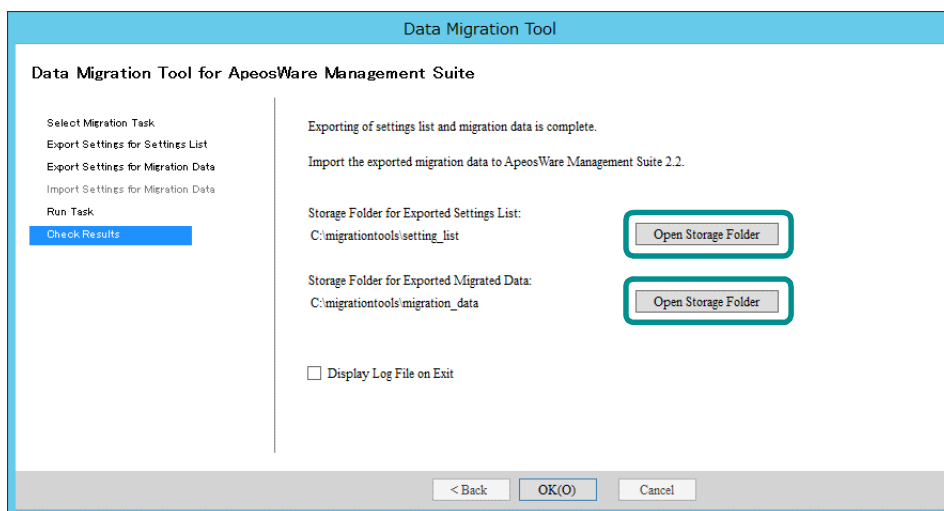
The dialog box may be displayed during file output. Click [Run] to continue.



9. Transition to the following screen after the migrate is complete.
Click [Next].



10. Click [Open Storage Folder] to open the settings list file and migrate data file saving folders, then save the "migration" folder and "setting_list" folder to the desired location.



**Note**

File structure output by the migration tool (Default: C:\awms\)

```

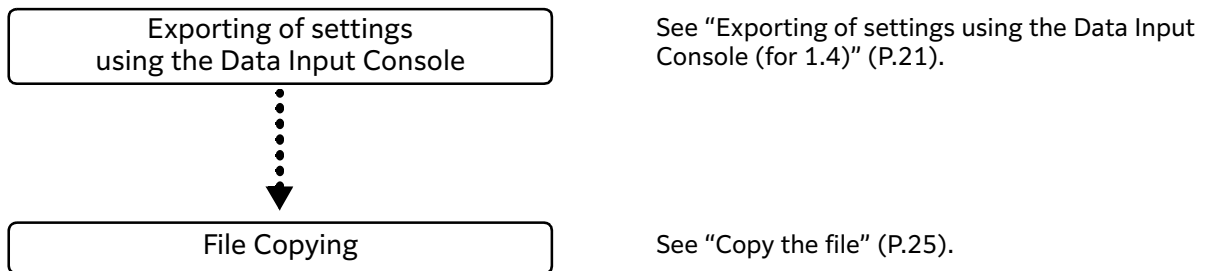
├─[migration_data] (Settings List File)
│   └─[backup_yyyymmdd-hhmmss*1]
│       └─[IM]
│           └─ (User Information Backup File)
│               . . .
│               └─[DM]
│                   └─ (Device Information Backup File)
│                       . . .
│                       └─[PM]
│                           └─ (Device Information Backup File)
│                               . . .
├─[setting_list] (Migration Data File)
│   └─[setting_yyyymmdd-hhmmss]
│       └─[(Migration Source Version Number)]
│       └─IdentityManagement_setting_yyyymmdd-hhmmss.csv
│       └─DeviceManagement_setting_yyyymmdd-hhmmss.csv
│       └─LogManagement_setting_yyyymmdd-hhmmss.csv
│       └─PrintManagement_setting_yyyymmdd-hhmmss.csv
│       └─FlowManagement_setting_yyyymmdd-hhmmss.csv
│       . . .

```

*1 yyyymmdd-hhmmss indicates the year/month/day/hour/minute/second.

Backup of data not migrated by the utility

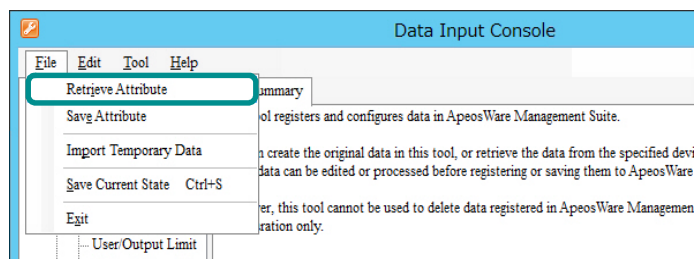
Perform using the following flow.



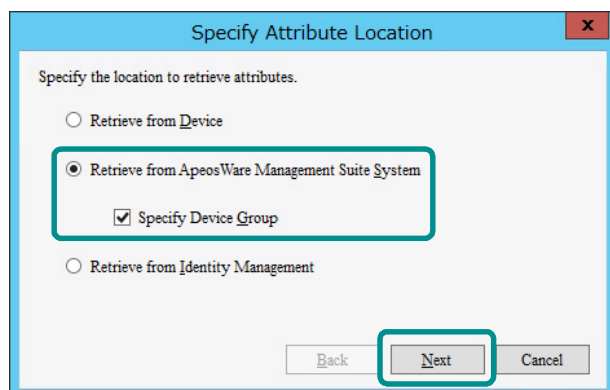
Exporting of settings using the Data Input Console (for 1.4)

1. Install Data Input Console (for 1.4) to the migration source environment.
2. Start up the Data Input Console.
3. Retrieve the following information ApeosWare Management Suite system using the following procedure.
 - [Device Management] > [User/User Permissions] (Local Authentication)
 - [Device Management] > [User/User Permissions] (Remote Authentication)

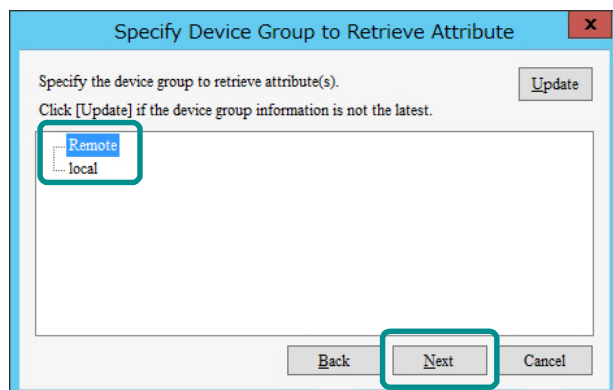
(1) Click [File] > [Retrieve Attribute], in that order.



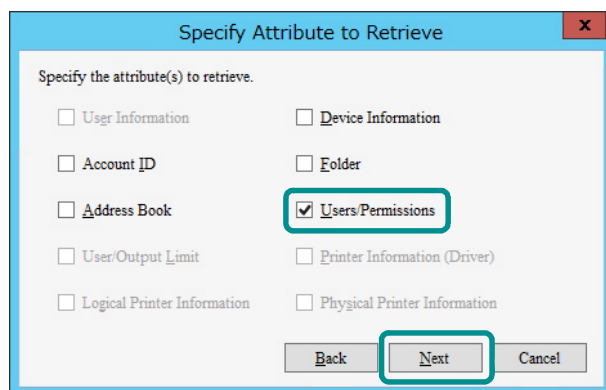
(2) Specify as per the screen, then click [Next].



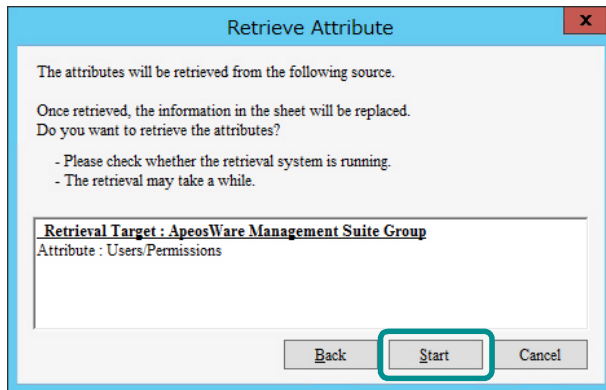
(3) Select the device group to retrieve the use permissions information, and then click [Next].



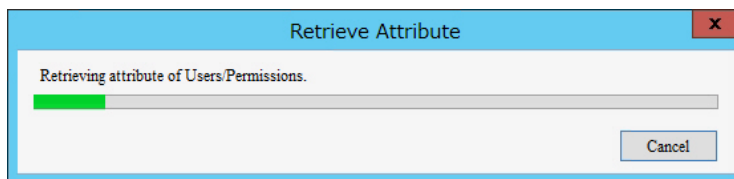
(4) Select [User/Use Permissions], and then click [Next].



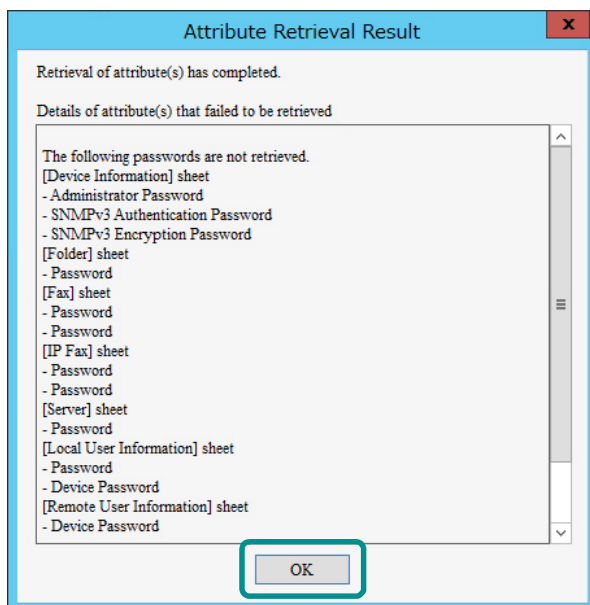
(5) Confirm the content, and then click [Start].



(6) Wait for a moment until data retrieval is complete.



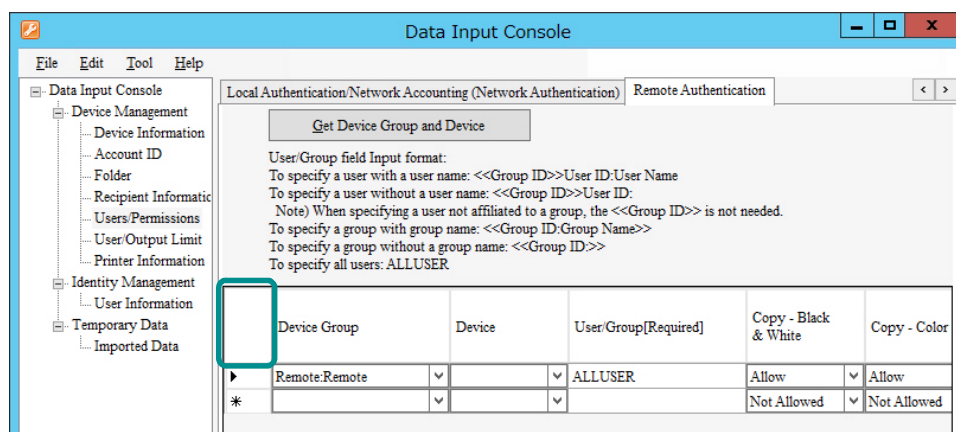
(7) The retrieval results will be displayed.
Confirm the content, then click [OK].



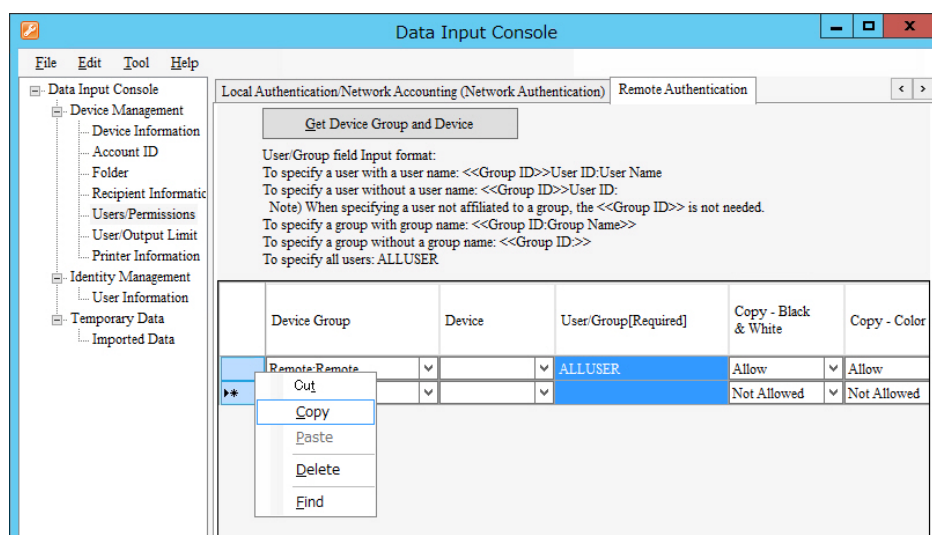
(8) Repeat (1) - (7) for all device groups.

4. Perform the following procedure and create local authentication use permissions information as an Excel file.

(1) Click the location marked on Data Input Console.



(2) Use the keyboard or mouse to copy all settings data.



(3) Paste all the data copied to the Excel as is.

	P21										
	A	B	C	D	E	F	G	H	I	J	
1	Remote:Remote		ALLUSER	Allow	Allow	Allow	Allow	Allow	Allow	Allow	
2				Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	
3											
4											
5											

(4) Refer to all the Data Input Console headers, and add the headers to the first line of the Excel.

	L21										
	A	C	D	E	F	G	H	I	J		
1	Device Group	User/User Group	Copy B/W	Limit	Copy Color	Limit	Print B/W	Limit	Print Color		
2	Remote:Remote	ALLUSER	Allow	Allow	Allow	Allow	Allow	Allow	Allow		
3			Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed		
4											
5											
6											

(5) Save in the desired file format.

5. See Step 4, and create the extra authentication use permissions information as an Excel file.

Copy the file

Paste all the data copied to a worksheet of the Excel as is.

- Job log file



Refer

"2. System Settings/Server Monitoring" > "Settings from a web browser" > "Job log setting" > "Saving of job log file" in the "ApeosWare Management Suite 2 Features Guide" (hereinafter referred to as "Features Guide")

- Use authority



Refer

Excel file for use authority information created in "Exporting of settings using the Data Input Console (for 1.4)" (P.21).

Invalidation of license of Flow Management 1.4

Invalidate and delete all the authenticated licenses of Flow Management 1.4.

Invalidation of license of ApeosWare Management Suite 1.4

Invalidate and delete all the authenticated licenses of ApeosWare Management Suite 1.4.

Copy of migration data

Copy the migration data of ApeosWare Management Suite 1.4 and Flow Management 1.4 that you generated, obtained, and took notes of during the backup operation to the destination PC.

Uninstallation of Update Service 1.4

If Update Service 1.4 is installed, uninstall it.

Uninstallation of database

Uninstall the installed SQL Server and all the related modules.

Uninstallation Procedure for SQL Server 2008

1. Uninstall Microsoft SQL Server 2008 R2.
2. Uninstall Microsoft SQL Server 2008 R2 Native Client.

Uninstallation Procedure for SQL Server 2012

1. Uninstall Microsoft SQL Server 2012.
2. Uninstall Microsoft SQL Server 2012 Native Client.
3. Uninstall Microsoft Visual C++ 2010 x64 Redistributable.
4. Uninstall Microsoft Visual C++ 2010 x86 Redistributable.

ApeosWare Management Suite 2.2 Installation

Install ApeosWare Management Suite 2.2.



Note

- Confirm that the version of ApeosWare Management Suite is 2.2.1.0 or later.
- Complete installation so that the version 1.4 software configuration of the migration source is retained.
- If Update Service is installed in the source PC, install Update Service as well.
- As the license to be used for installation, specify the license for ApeosWare Management Suite 2.2.
- Before performing "Data transfer" (P.26), register all the licenses necessary for system configuration of the migration destination.

Installation of Flow Management 2.2

Execute the installation of Flow Management 2.2. Designate the shared system ID file downloaded in "Backup of data of Flow Management 1.4" at the time of installation. For the installation procedure, refer to "1. Setup" in "Setup Guide".



Note

- Confirm that the version of Flow Management is 2.2.1.0 or later.
- If the shared system ID file is not designated, the flow cannot transfer.
- When you are using the Form Analysis function, also install Paper Form Management.
- As the license to be used for installation, specify the license for Flow Management 2.2.
- Before performing "Data transfer" (P.26), register all the licenses necessary for system configuration of the migration destination.

Backup of ApeosWare Management Suite 2.2/Flow Management 2.2

Use the backup command of ApeosWare Management Suite 2.2 to make a backup of ApeosWare Management Suite 2.2/Flow Management 2.2. For details, refer to "Features Guide" > "12 Maintenance" > "Backup and Restoration".

If the migration using the migration tool fails, use the restoration command of ApeosWare Management Suite 2.2 to restore ApeosWare Management Suite 2.2/Flow Management 2.2 so as to restore the state to before the execution of migration tool.

Data transfer

Execute the ApeosWare Management Suite 2.2 transfer tool to transfer data from ApeosWare Management Suite 1.4 to ApeosWare Management Suite 2.2.

1. Log in to the PC, which has ApeosWare Management Suite 2.2 installed, as a user of the Administrators group.
2. Copy the following folder that is included in the installation media for ApeosWare Management Suite 2.2 to any folder, and then run MigrationTool.exe.
<root> (Root directory of installation media)\migrationtools\awms




Note

- To execute this tool, all the services of the installed functions of ApeosWare Management Suite 2.2 need to be started. If they are not started, start all the services from the Windows Service Control Manager.
- If user groups (except existing groups) and/or device groups are created in the migration destination of ApeosWare Management Suite 2.2, data are not migrated correctly. If user groups (except existing groups) and/or device groups are created, delete them before performing the migration procedure.

3. The migration tool launches.
Change the display language if necessary.
4. Transition to the following screen.
Select [Import Data from ApeosWare Management Suite 1.x.] and click [Next].

5. Designate the item shown below in [Import Setting for Migration Data] and click [Next].

Feature	Description	Input range
[Job Log Target to Collect Log from Device]	<p>Specify the period of job log to collect from the device after the migration. When all the job logs of aggregation target are remained on the device, specify the job logs that are recorded after the migration. If not, specify all the job logs on the device.</p> <p> Note The pre-migration and post-migration environments cannot be used concurrently.</p>	<ul style="list-style-type: none"> • [Only Job Logs Recorded After the Migration] (Default) • [Include job logs recorded before the migration]
[Data Target to Be Updated to the Device]	If necessary, specify whether to reapply to the devices after the migration.	<ul style="list-style-type: none"> • [Only Data Changed After the Migration] (Default) • [Includes migration data (Data migrated after the migration will be updated to the device)]

Data Migration Tool

Data Migration Tool for ApeosWare Management Suite

Select Migration Task

- Export Settings for Settings List
- Export Settings for Migration Data
- Import Settings for Migration Data**
- Run Task
- Check Results

Migration data has been imported to ApeosWare Management Suite 2.2.
Select the folder where the migration data to be imported is stored and the processing settings of the migration target, then click [Next].

Storage Folder of Migration Data to be Imported:

C:\backup-20210730-163427

Browse

Processing Settings for Migration Target Server

Job Log Target to Collect Log from Device

- ☒ Only Job Logs Recorded After the Migration
- ☐ Include job logs recorded before the migration

Data Target to Be Updated to the Device

- ☒ Only Data Changed After the Migration
- ☐ Includes migration data (Data migrated after the migration will be updated to the device)

< Back Next > Cancel



Note

Migration Tool may show the dialog as below. Click [Yes] to continue.

Data Migration Tool

? The update interval to the device is set to "Off". Are you sure?

Yes No

- The data migration will commence with the displaying of the progress bar. When the migration tool shows [Migration has been completed.] in wizard, click [Next].

Data Migration Tool

Data Migration Tool for ApeosWare Management Suite

Select Migration Task

- Export Settings for Settings List
- Export Settings for Migration Data
- Import Settings for Migration Data
- Run Task**
- Check Results

Importing migration data to ApeosWare Management Suite 2.2.

Data migrated. Click [Next].

Migration has been completed

Contents/Run Result

- ✓ Data migration preparation has been completed
- ✓ Device group import has been completed
- ✓ Device information import has been completed
- ✓ Recipient information import has been completed
- ✓ Folder information import has been completed
- ✓ DM printer information import has been completed
- ✓ DM Administrator information import has been completed

< Back Next > Cancel



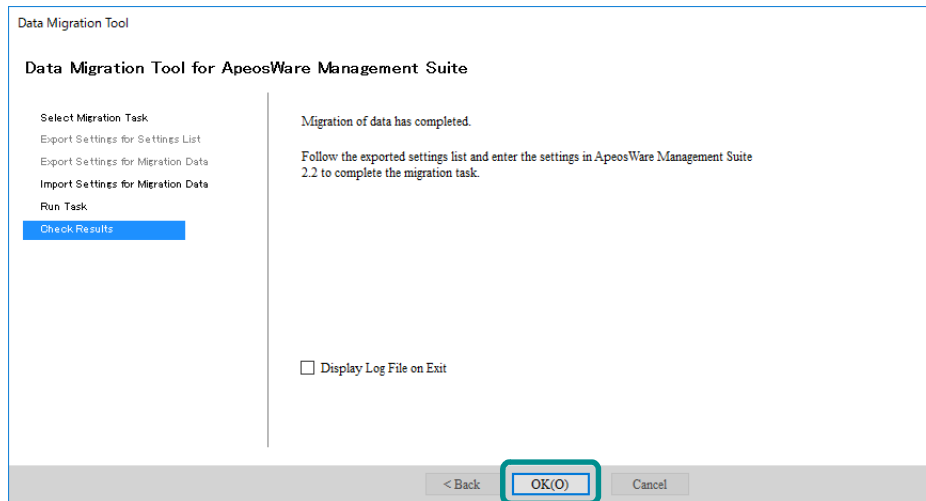
Note

If some data that is already registered in the migration source is registered to the migration destination of ApeosWare Management Suite redundantly, the data will not be migrated. To check whether the data is redundant, refer to the following table.

Type of Migrate Data	Identified Data
Device	Composite key of product code and serial number, Host Name
Device Group	Device Group ID
Physical Printer	PrinterName properties

Type of Migrate Data	Identified Data
Print Queue	PrinterName properties
User	User ID
User Group	User Group ID
Address Book	Composite key of speed dial number and Device Group ID
Folder	Composite key of Folder and Device Group ID

7. Transition to the following screen.
Confirm the result of migration, then click [OK].



8. Click [Finish].

ApeosWare Management Suite 2.2 Settings

Using the following flow, manually set various items of information from the WebUI, etc., to the ApeosWare Management Suite 2.2.

Step1:

Data transfer of Flow Management

See "Migrating data of Flow Management" (P.31).

Step2:

Manual setting after logic
printer transfer

See "Manual settings after migrating print queues" (P.32).

Step3:

Open the settings file

See "Open the settings file" (P.32).

Step4:

System Administration Settings

See "System Administration Settings" (P.33).

Step5:

User Management Settings

See "User Management Settings" (P.34).

Step6:

Device Management Settings

See "Device Management Settings" (P.38).

Step7:

Job Log Management Settings

See "Job Log Management Settings" (P.41).

Step8:

Print Management Settings

See "Print Management Settings" (P.42).

Step9:

Flow Management Settings

See "Flow Management Settings" (P.43).

Migrating data of Flow Management

Import the flow definitions exported in “Obtaining migration data of Flow Management 1.4” (P.16) to Flow Management 2.2.



Refer

“3. Configuring Flows” > “Operating the Flow” > “Uploading the Flow” in the “Features Guide Flow Management Option”.



Note

When flows of Flow Management are downloaded/uploaded, the information of users and devices contained in the flows may have discrepancies. When you uploaded flows during the migration procedure, make sure to confirm the uploaded flows on the edit screen, and revise them as necessary.

When you are using the Form Analysis function, use Paper Form Management to re-register the backed up form template to the same Management Group, and create the form again.



Note

After the migration, the forms created using Flow Management 1.4 become no longer usable. Download and use the forms you created in the migrated environment.

1. Using Paper Form Management, create Management Group that you took notes of while making the backup of Flow Management 1.4.



Refer

“6. Paper Form Function” > “Creating Form Management Groups / Forms” > “Creating a New Form Management Group” in the “Features Guide Flow Management Option”.

2. To each Management Group created in step 1, register the form template you downloaded during making the backup of Flow Management 1.4.



Refer

“6. Paper Form Function” > “Creating Form Management Groups / Forms” > “Registering New Form Templates” in the “Features Guide Flow Management Option”.



Note

To Management Group you took notes of during making the backup of Flow Management 1.4, re-register the form template.

3. From the form template you registered in step 2, create the form.



Refer

“6. Paper Form Function” > “Creating Form Management Groups / Forms” > “Creating the Form” in the “Features Guide Flow Management Option”.

Manual settings after migrating print queues

For ApeosWare Management Suite 2.2, when migrating from Print Management to Print Queue, make the following associations.

- Making association with print server
- Making association with device group or device



Note

In case of migrating the data in the same server, uninstall ApeosWare Management Suite 1.4 first, and then perform the following operation. At this time, check that log4cxx.dll is stored in the system folder (example: C:\Windows\System32) and do not delete it.

1. Access to the administrator screen of ApeosWare Management Suite, and select [Service Settings] > [Print Management] > [Print Server List] and set [Add Server].
2. Associate the printer queue.
 - (1) Start the collective setting tool and perform [Retrieve Attribute] of the print queue.
 - (2) Set [Print Server] for the print queue.
 - (3) Make the Print Queue association with device group or device.
 - (4) Execute [Save Attribute].
 - (5) When the data is migrated in the same server, Windows shared printer is offline. Remove a check mark from [Use Printer Offline] to change it to online.

Open the settings file

1. Open all the following settings files output by Migration Tool using Excel, etc.

Settings List File Name	File Name
Identity Management Settings File	IdentityManagement_setting_yyyymmdd-hhmmss.csv ^{*1}
Device Management Settings File	DeviceManagement_setting_yyyymmdd-hhmmss.csv ^{*1}
Authentication Management Setting File	AuthenticationManagement_setting_yyyymmdd-hhmmss.csv ^{*1}
Log Management Settings File	LogManagement_setting_yyyymmdd-hhmmss.csv ^{*1}
Print Management Settings File	PrinterManagement_setting_yyyymmdd-hhmmss.csv ^{*1}
Flow Management Settings File	FlowManagement_setting_yyyymmdd-hhmmss.csv ^{*1}
Update Service Setting File	UpdateService_setting_yyyymmdd-hhmmss.csv ^{*1}

*1 yyyymmdd-hhmmss indicates the year/month/day/hour/minute/second.

System Administration Settings

1. Open the ApeosWare Management Suite Administrator Screen, then login as a System Administrator.
2. Click [System Settings] > [Network Settings], in that order.
3. See the information on [Send E-mail Settings] in the Identity Management settings file as well as the information on [Send E-mail Settings] and [Communication Options Settings] in the Device Management settings file, and configure the SMTP server.



Refer

"2. System Settings/Server Monitoring" > "Settings from a web browser" > "Network Settings" in the "Features Guide".

	A	B	C
96			
97	Send E-mail Settings		
98	Sender Name		
99	Sender E-mail Address		
100	SMTP Server Name		
101	SMTP Port Number	25	
102	SMTP Outgoing Authentication		
103			

Identity Management Settings Attribute File Device Management Settings Attribute File		2.2 Administrator Screen [System Settings] > [Network Settings]
Identity Management	Sender Email Address	SMTP - Sender e-mail address
Identity Management	SMTP Server Name	SMTP - Server Name
Identity Management	SMTP Port Name	SMTP - Port Number
Identity Management	SMTP Outgoing Authentication	SMTP Outgoing Authentication
Device Management	Communication Options Settings: SMTP Connection Timeout	SMTP - Connection Timeout
Device Management	Communication Options Settings: SMTP Communication Timeout	SMTP - Communication Timeout

User Management Settings

1. Open the ApeosWare Management Suite WebUI, and log in as System Administrator.
2. Click [Service Settings] > [User Management] > [Authentication Settings], in that order.
3. Refer to [Authentication Settings] in the Identity Management setting file. From the Administrator screen, set the user management authentication as follows.



Refer

"4. User Management" > "Settings and Confirmation in a Web Browser" > "Authentication Settings" in the "Features Guide"

Identity ManagementSettings Attribute File	2.2 Administrator Screen [Service Settings] > [User Management] > [Authentication Settings]
Valid Period Since Last Login	Valid period since last login by user
Minimum Character Count	Minimum Character Count
Valid Character Type	Character type required to use
Expiration Date Settings	Password Expiration Date
Reuse Password	Restrict Password Reuse
Password Reuse Count	Number of past passwords that restricts reuse
Lockout when login fails	Lockout when login fails

	A	B	C	D	E
39					
40	Authentication Settings				
41	Card ID Search Order	Local User First			
42	Next-domain Auth. Check If Communication with External Domain Fails	FALSE			
43	Use Global Catalog for Attribute Search	FALSE			
44	Match Case	FALSE			
45	Authentication Mode	Auto Login			
46	Auto Login Validity Period	10080			
47	Sub User setting for Job Listing	FALSE			
48	Valid Period Since Last Login	30			
49	Minimum Character Count	8			
50	Valid Character Type	LowercaseNumbers			
51	Expiration Date Settings	FALSE			
52	Reuse Password	TRUE			
53	Password Reuse Count	5			
54	Lockout when Login Fails	FALSE			
55	Sub User setting for Job Listing	FALSE			
56	Sub User Login	FALSE			
57	Default Realm	Local User			
58	Login for Local User Without Password	FALSE			
59	Timeout	Auto			
60					

ApeosWare Management Suite Apeos Administrator (apeos_admin) - Logout | Language - English | User Portal | Help

Portal Report Device/Job Status Service Settings System Settings

User Management Service Settings / User Management / Authentication Settings

^ User Group List

Users

Access Profile List

User Import List

Domains

Authentication Settings

FUJIFILM BI Direct Federation

Authentication Settings

Configure the settings for authentication.

User Authentication settings

☐ Allow User self-registration

☐ Lockout when Login Fails

*Valid Period Since Last Login by User (1-365 day(s))

30 -- + Day(s)

*Remote Authentication Timeout

Auto

☐ Clear local user data when browsing external authentication information

☒ Prioritize local during card authentication

☒ Check user validity for Active Directory/LDAP during card authentication

☐ Enforce PIN/password during device authentication

PIN/Password Basic Settings

*Minimum Character Count

4 -- + (0-50 characters)

Required character type

☐ Numbers (0, 1, 2,..., 9)

☐ Uppercase (A, B, C,..., Z)

☐ Lowercase (a, b, c,..., z)

☐ Symbols

PIN/Password Detailed Settings

☒ Restrict Password Reuse

*Number of past passwords that restricts reuse

5 -- +

☐ Password Expiration Date

Device Login Credentials Storage Settings

4. When using a remote user synchronization with the migration source (ApeosWare Management Suite 1.4), configure the following settings.

- (1) Use the [Remote Domain Information (Active Directory)] and [Remote Domain Information (LDAP)] information in the Identity Management settings file and register to the AD/LDAP server.



Refer

"4. User Management" > "Settings and Confirmation in a Web Browser" > "Domains" > "Adding domains" in the "Features Guide".

	A	B	C	D	E
1	Remote Domain Information (Active Directory)				
2	Remote Domain Information (Active Directory)1				
3	Domain Name	at.local			
4	Login Name for Domain User Query	Administrator			
5	Enable LDAPS Communication with Active Directory Server	FALSE			
6	Scope				
7	Scope1	OU=AWMS	User,DC=at,DC=local		
8	Authenticating Domain Controller Priority				
9					
10					
11	Remote Domain Information (LDAP)				
12					
13					

- (2) See [Remote Domain Information (Active Directory)] and [Remote Domain Information (LDAP)], and specify the user import settings domain and management scope.



Refer

"4. User Management" > "Settings and Confirmation in a Web Browser" > "User Import List [Account Import] Tab" in the "Features Guide"

Settings List File Attribute Names	2.2 Administrator Screen [Service Settings] > [User Management] > [User Import List] > [Create Import] > [Inbound Channel Details]
Domain Name	Domain
Scope	Management Scope

	A	B	C	D	E
1	Remote Domain Information (Active Directory)				
2	Remote Domain Information (Active Directory)1				
3	Domain Name	at.local			
4	Login Name for Domain User Query	Administrator			
5	Enable LDAPS Communication with Active Directory Server	FALSE			
6	Scope				
7	Scope1	OU=AWMS	User,DC=at,DC=local		
8	Authenticating Domain Controller Priority				
9					
10					
11	Remote Domain Information (LDAP)				
12					

+

User Import

*Required

Select Inbound Channel

Inbound Channel Details

Attribute Mapping

Confirm Mapping

Schedule Settings

1

2

3

4

5

Inbound Channel

*Domain

at.local

▼

*Management Scope

Select

i

Filter

i

Import Processing Method

☐ Add

☐ Update

☒ Add/Update

☐ Delete

☐ All

Back

Next

Cancel

- (3) See [User Synchronization Settings - General (for Active Directory/LDAP)] information of the Identity Management settings file, and link the AD/LDAP attribute with the User Management user attribute.

	A	B
61		
62	User Synchronization Settings - General (for Active Directory)	
63	Account Format	SAM Format
64	User ID:	sAMAccountName
65	User Name:	displayName
66	Card ID:	description
67	Device Password:	LocalProperty
68	E-mail Address:	mail
69	Unique Alphanumeric ID:	sAMAccountName
70	Organization	department
71	Storage Location	LocalProperty
72		
73		
74	User Synchronization Settings - General (for LDAP)	
75	As LDAP User Object Class	user
76	As LDAP Group Object Class	organizationalUnit
77	User ID:	uid
78	User Name:	displayName
79	Card ID:	LocalProperty
80	Device Password:	LocalProperty
81	E-mail Address:	mail
82	Unique Alphanumeric ID:	employeeNumber
83	Organization	department
84	Storage Location	LocalProperty
85		

User Import *Required

[Select Inbound Channel](#) |
 [Inbound Channel Details](#) |
 [Attribute Mapping](#) |
 [Confirm Mapping](#) |
 [Schedule Settings](#)

1 — 2 — 3 — 4 — 5

User Settings 1

Attribute Mapping	Value
First Name	{givenName} ✓ +
Last Name	{sn} ✓ +
Display Name	{displayName} ✓ +
Furigana	✓ +
Index	✓ +
E-mail Address	{mail} ✓ +
*User ID	{sAMAccountName} ✓ +
Alternate User ID	✓ +

☒ Associate User with User Group

User Group	Value
User Group to Associate	<input type="radio"/> Existing <input checked="" type="radio"/> Create
How to Create	<input type="radio"/> Specify Attribute/Group Name 1 <input checked="" type="radio"/> Select OU 1
OU that creates the group	<input type="radio"/> All OU 1 <input checked="" type="radio"/> Select OU Hierarchy 1
No. of OU Hierarchy	<input type="text"/> — + 1
Parent User Group*	Default Group <input type="button" value="Edit"/>
Access Profile	No <input type="button" value="v"/>

- (4) See [User Synchronization Settings - General (for Active Directory/LDAP)] in the Identity Management settings file and [User Synchronization Settings: Group Mode] in the Device Management settings file, and link the OU and User Management user group attributes.



Refer

"4. User Management" > "Settings and Confirmation in a Web Browser" > "User Import List [Account Import] Tab" in the "Features Guide".

	A	B
1	Alternate Name	
2		
3		
4	User Synchronization Settings: Group Mode	Normal Synchronization
5		
6		
7	Device Update Conditions: Device Auto Update Method	Update new information on device periodically
8	Device Update Conditions: Update Interval	By 10 Minute(s)
9		
10		
11	Status Notification Settings	
12		
13		
14	Auto Device Search: Auto Search Schedule	Never
15		
16		
17	Send E-mail Settings: Sender	
18	Send E-mail Settings: SMTP Server Name	
19	Send E-mail Settings: SMTP Port Number	25
20	Send E-mail Settings: SMTP Outgoing Authentication	No Authentication Required
21		
22		
23	Communication Options Settings: SNMP Retry Interval	5000
24	Communication Options Settings: SNMP Retry Count	2
25	Communication Options Settings: SMTP Connection Timeout	60000
26	Communication Options Settings: SMTP Communication Timeout	60000
27		
28		
29	Date Display Settings	yyyy/mm/dd

User Import

Select Inbound Channel Inbound Channel Details **Attribute Mapping** Confirm Mapping Schedule Settings

1 2 3 4 5

User Settings ⓘ

Attribute Mapping	Value
First Name	{givenName} ⓘ +
Last Name	{sn} ⓘ +
Display Name	{displayName} ⓘ +
Furigana	ⓘ +
Index	ⓘ +
E-mail Address	{mail} ⓘ +
*User ID	{sAMAccountName} ⓘ +
Alternate User ID	ⓘ +

☒ Associate User with User Group

User Group	Value
User Group to Associate	<input type="radio"/> Existing <input checked="" type="radio"/> Create ⓘ
How to Create	<input type="radio"/> Specify Attribute/Group Name ⓘ <input checked="" type="radio"/> Select OU ⓘ
OU that creates the group	<input type="radio"/> All OU ⓘ <input checked="" type="radio"/> Select OU Hierarchy ⓘ
No. of OU Hierarchy	<input type="text"/> - + ⓘ
Parent User Group*	Default Group <input type="button" value="Edit"/>
Access Profile	No ⓘ

Device Management Settings File	2.2 Administrator Screen [Service Settings] > [User Management] > [User Import List]	Set Value
-	Group to Associate	Create
Group Mode	How to Create	If attribute synchronization, specify the attributes listed in the Device Management settings file If ordinary synchronization, specify OU
-	Parent User Group	(Any)

- (5) Because the schedule is set to confirm operation, set to [Manual Update], then create user import settings for other items as desired.
- (6) Use the created import settings, and confirm that remote users can be imported.
- (7) Display the import settings properties, then reconfigure the schedule settings at appropriate intervals.

Device Management Settings

1. Reference the following items of the Device Management settings file, then configure automatic application for devices and automatic registration settings.



Refer

"3. Device Management" > "Settings and Confirmation in a Web Browser" > "Device Auto Registration Settings", "Settings of update conditions of device data" in the "Features Guide".

Settings List File Attribute Names	2.2 Administrator Screen [Service Settings] > [Device Management] > [Settings] > [Device Data Condition Update Settings]
Device Update Conditions: Device Auto Update Method	Auto Update Schedule
Device Update Conditions: Update Interval	Update Interval
Settings List File Attribute Names	2.2 Administrator Screen [Service Settings] > [Device Management] > [Settings] > [Device Auto Registration Settings]
Auto Device Search: Auto Search Schedule	Auto Registration Schedule

2. Add the information regarding use limitations for local authentication and remote authentication as an Excel file using "Backup of data not migrated by the utility" (P.21) to each line of the Excel file as an access profile so that it is operable with the device group in question. For file perspectives, refer to the following.

Create Access Profile

Perform setup for the new Access Profile.

*Required

Access Profile Settings Associate With Print Queue **Associate With Devices / Device Groups** Device/Device Group Permission Settings Summary

1 — 2 — 3 — 4 — 5

Associate With Device Groups ☒ Yes ☐ No ⓘ

Associate All Device Groups ☐

Device Group to Associate *

Add Delete Delete All

☐ Device Group Name Authentication/Accounting Mode

☐ Local Local Authentication/Local Accounting (Local Authentication)

50 item(s) 1 - 1(1 item(s))

Device Group Name ID: Device Group Name
(For ApeosWare Management Suite 2.2, device group IDs are not used)

	A	C	D	E	F	G	H	I	J
1	Device Group	User/User Group	Copy B/W	Limit	Copy Color	Limit	Print B/W	Limit	Print Color
2	Remote:Remote	ALLUSER	Allow	Allow	Allow	Allow	Allow	Allow	Allow
3			Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed
4									
5									
6									

	A	C	D	E	F	G	H	I	J
1	Device Group	User/User Group	Copy B/W	Limit	Copy Color	Limit	Print B/W	Limit	Print Color
2	Remote:Remote	ALLUSER	Allow	Allow	Allow	Allow	Allow	Allow	Allow
3			Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed
4									
5									
6									

Device function Permissions

Create Access Profile

Perform setup for the new Access Profile.

*Required

Access Profile Settings Associate With Print Queue Associate With Devices / Device Groups **Device/Device Group Permission Settings** Summary

1 — 2 — 3 — 4 — 5

Set Permission to Device Group ☒ Yes ☐ No ⓘ

Device Group*

Print* Copy* Scan* Fax* Others

☒ Black & White ☒ Black & White ☒ Allow ☒ Allow -

☒ Color ☒ Color

Set Permission to Device ☐ Yes ☒ No ⓘ

3. Associate all of Access Profile created in Step 2 with the users/user groups listed in the Excel file created with "Backup of data not migrated by the utility" (P.21). If the "User/User/Group" lines of the Excel file are ALLUSER, associate them with all users/user groups.

	A	B	C	D	E	F	G	H	I	J
1	Device Group	User/User Group	Copy B/W	Limit	Copy Color	Limit	Print B/W	Limit	Print Color	
2	Remote:Remote	ALLUSER	Allow	Allow	Allow	Allow	Allow	Allow	Allow	C
3			Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	Not Allowed	C
4										
5										
6										

ALLUSERS : Associate Access Profiles so that it is applied to all users

Job Log Management Settings

1. Copy the job log files with Windows Explorer as follows.
(Destination) {ApeosWare Management Suite Data Folder}\joblog
(ApeosWare Management Suite Data Folder Default): C:\Fuji Xerox\ApeosWare MS 2\Data)
2. Refer to the following items of the Log Management settings file, and configure each function related to job log functions.



Refer

"2. System Settings/Server Monitoring" > "Settings from a web browser" > "Job Log Settings" in the "Features Guide".

Log Management Settings File Attribute Name	2.2 Administrator Screen [System Settings] > [Common Settings] > [Job Log Settings] > [Save Job Log File] Tab
Job Log Folder	Path (Set to [Local])
Log Management Settings File Attribute Name	2.2 Administrator Screen [System Settings]> [Common Settings]> [Job Log Settings] > [Job Log Retention Period] Tab
Job Log Retention Period	Retention period for job log in database
Log Management Settings File Attribute Name	2.2 Administrator Screen [System Settings]> [Common Settings]> [Job Log Settings] > [Accounting Settings] Tab
Job Owner Identification Settings: Order to Evaluate the Job Owner	Job Owner Identification Method
Job Owner Identification Settings: Alternate Text When User is Unknown	User name for unidentified cases
Daily Accounting Data Rebuild Settings: Rebuild Daily Accounting Data When Creating Next Report	Rebuild Accounting Results

1	Job Log Retention Period	62	C	D	E
2					
3					
4	Charge Information				
5	Charge Information1				
6	Unit Cost	10			
7	Model	*			
8	Identification ID	*			
9	Service Type	*			
10	Paper Size	*			
11					
12					
13	Output Count Unit Settings: Unit Cost	Dollar			
14					
15					
16	Job Owner Identification Settings: Order to Evaluate the Job Owner	"Card No.,User Name,Job Owner Name"			
17	Job Owner Identification Settings: Alternate Text When User is Unknown				
18					
19					
20	Daily Accounting Data Rebuild Settings: Rebuild Daily Accounting Data When Creating Next Report	FALSE			
21					
22					
23	Job Log Folder	C:\Fuji Xerox\ApeosWare_MS2\JobLogs			
24					
25					
26					
27					
28					

3. Refer to the following items of the Log Managements Settings file, then configure the system settings.



Refer

"2. System Settings/Server Monitoring" > "Settings from a web browser" > "Currency Settings" in the "Features Guide".

Log Management Settings List File Attribute Names	2.2 Administrator Screen [System Settings] > [Common Settings] > [Currency Settings]
Output Count Unit Settings: Unit Cost	Currency Name

	A	B	C	D	E
1	Job Log Retention Period	62			
2					
3					
4	Charge Information				
5	Charge Information1				
6	Unit Cost	10			
7	Model	*			
8	Identification ID	*			
9	Service Type	*			
10	Paper Size	*			
11					
12					
13	Output Count Unit Settings: Unit Cost	Dollar			
14					
15					
16	Job Owner Identification Settings: Order to Evaluate the Job Owner	"Card No.,User Name,Job Owner Name"			
17	Job Owner Identification Settings: Alternate Text When User is Unknown				
18					
19					
20	Daily Accounting Data Rebuild Settings: Rebuild Daily Accounting Data When Creating Next Report	FALSE			
21					
22					
23	Job Log Folder	C:\Fuji_Xerox\ApeosWare_MS\JobLogs			
24					
25					
26					
27					

Print Management Settings

Refer to the following items of the Print Management settings file, then configure the print settings.



Refer

"7. Print Management and Operations" > "Settings and Operation from Web Browser" > "Print Settings" in the "Features Guide".

Settings List File Attribute Names	2.2 Administrator Screen [Service Settings] > [Print Management] > [Print Settings] > [Print Job] Tab
Job Validity Period	Job Validity Period
Job History Retention Period	Job History Retention Period
Select User Print Job *1	Select User Print Job
Save Print Data to File	Save Print Data to File

Settings List File Attribute Names	2.2 Administrator Screen [Service Settings] > [Print Management] > [Print Settings] > [Print On Demand] Tab
Information to be used for the Job Display Name *1	Information to be used for the Job Display Name
Header text to be Deleted *1	Header text to be Deleted

*1 For version 1.4, this is configured for each print queue, but for version 2 and later, changed to configured in ApeosWare Management Suite system unit settings. If multiple settings have been configured for each print queue, establish operation methods as appropriate.

Flow Management Settings

1. Refer to the following items of the Flow Management settings file, then configure the Flow Management Option environment settings.



Refer

"2. Configuring the Flow Environment" > "Configuring the Flow Usage Environment" > "Setting the Retention Period for the Completed or Deleted Jobs" in the "Features Guide Flow Management Option".

Flow Management Settings File Attribute Name	2.2 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Job History Deletion Settings]
Job History Retention Period: Original Document	Original Document
Job History Retention Period: Job Attribute	Job Attribute
Schedule	Purge Execution
Start Time	Start Time



Refer

"2. Configuring the Flow Environment" > "Configuring the Flow Usage Environment" > "Setting Prohibited Formats" in the "Features Guide Flow Management Option".

Flow Management Settings File Attribute Name	2.2 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Common System Settings]
Prohibited Formats	Prohibited Formats
System Error Notification (Yes/No)	System Error Notification



Refer

"2. Configuring the Flow Environment" > "Configuring the Flow Usage Environment" > "Registering Folders / Files to Be Used in Functions" in the "Features Guide Flow Management Option".

Flow Management Settings File Attribute Name	2.2 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [Folder]
Folder: Folder List ^{*1}	Folder-Folder List Settings

Flow Management Settings File Attribute Name	2.2 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [Load Attributes]
Load Attributes: Folder List ^{*1}	Folder List

Flow Management Settings File Attribute Name	2.2 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [OmniPage(R) Barcode]
OmniPage(R) Barcode: Zone File List Settings ^{*1}	Zone File List Settings

Flow Management Settings File Attribute Name	2.2 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [Link To Application]
Link To Application: Executable File List ^{*1}	Executable File List
Link To Application: Working Folder List ^{*1}	Working Folder List

Flow Management Settings File Attribute Name	2.2 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [Save Attributes to File]
Save Attributes To File: Folder list For Document Output *1	Folder List for Attribute Output
Save Attributes To File: Folder list For Attribute Output *1	Folder List for Document Output

Flow Management Settings File Attribute Name	2.2 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [Save To Folder]
Save To Folder: Folder List *1	Folder List

Flow Management Settings File Attribute Name	2.2 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [Document and Attributes Table Output]
Document and Attributes Table Output: Folder List *1	Folder List

*1 If multi line settings, copy all and set.

- As a processing method, open the flow that uses [Attribute Mapping], refer to the following items of the Flow Management settings file, then add character encoding.



Refer

"3. Configuring Flows" > "Setting the Details of the Function" > "Setting the [Attribute Mapping] Function" in the "Features Guide Flow Management Option".

Flow Management Settings File Attribute Name	2.2 Administrator Screen [Service Settings] > [Flow Management] > [Flow List] > [Create] or [Edit] > [Processing Method] > [Attribute Mapping]
Character Encoding *1	Character Encoding

*1 If multi line settings, copy all and set.



Note

If already configured as the default, no additions are necessary.

- Re-affix user permissions included in the flow definitions.



Refer

"2. Configuring the Flow Environment" > "Setting [Flow Composer]" in the "Features Guide Flow Management Option".



Note

When the administrator is already added as the flow definition administrator, it is not necessary to add a new user permission.

- When any flow includes the [Printer Output] feature is migrated, reconfigure the device.



Refer

"3. Configuring Flows" > "Setting the Details of the Function" > "Setting the [Printer Output] Function" in the "Features Guide Flow Management Option".

5. When any flow includes the [Link to Web Applications] feature is migrated, [Output format], which was newly added in Flow Management 2.2, is set [TIFF (Multi-Pages)] by default. Change is when necessary.



Refer

"3. Configuring Flows" > "Operating the Flow" > "Editing the Flow" in the "Features Guide Flow Management Option".



Note

For information on [Output format], refer to "3. Configuring Flows" > "Setting the Details of the Function" > "Setting the [Folder] Function" in the "Features Guide Flow Management Option".

Shared Printer Creation

If the environment of 1.4 at the migration destination uses a shared printer, install the same printer driver, then configure as a shared printer. At this time, the ApeosWare Management Suite should have been configured to automatically generate printer ports.



Note

After migration, all the settings of the printer port of the shared printer need to be made again.

Exporting of Setting Data

Export all the settings of the migrated ApeosWare Management Suite 2.2 environment using Diagnostics Utility.



Refer

"12. Maintenance" > "Using Diagnostics Utility" in the "Features Guide".


1. Start Diagnostics Utility.
2. Click the [Retrieve Information] tab.
3. Select [ApeosWare Management Suite Information] from [List of Information to Retrieve] and press [Retrieve].
4. As the [Save File] dialog box displayed, specify the destination folder and file name.
5. The file that includes the following settings data list will be displayed in Explorer.
Open with Excel or the like, and confirmed that there were no differences with the content written in the settings list file of "ApeosWare Management Suite 2.2 Settings" (P.30).

Exported Functions	Settings File Name
ApeosWare Management Suite 2.2 (Common)	Common_setting2_YYYYMMDD-HHMMSS ^{*1} .csv
Device Management	DeviceManagement_setting2_YYYYMMDD-HHMMSS ^{*1} .csv
Print Management	PrinterManagement_setting2_YYYYMMDD-HHMMSS ^{*1} .csv
Scan Settings and File Management Service Settings	ScanConnectorManagement_setting2_YYYYMMDD-HHMMSS ^{*1} .csv
User Management	UserManagement_setting2_YYYYMMDD-HHMMSS ^{*1} .csv
Flow Management	FlowManagement_setting2_YYYYMMDD-HHMMSS ^{*1} .csv

*1 YYYYMMDD-HHMMSS in the file name indicates the year/month/date/hour/minute/second.

Operation Confirmation

Confirm that ApeosWare Management Suite is running properly in the migrated environment.

Click  of the device group to which the settings are applied and select [Update] to apply the device information to the device itself.



Note

Even if this operation is not executed, the specified information of the device is automatically applied to the device at the intervals (initial value is 10 min) or at the time specified in the device data application condition described in "Device Management Settings" (P.38). Execute this operation to apply the specified information immediately.

Uninstallation of Flow Management 1.4

Uninstall Flow Management 1.4, which you have migrated from. For the uninstallation procedure, refer to "ApeosWare Management Suite 1.4 Administrator's Guide, Setup (separate document)".

Uninstallation of Print Management 1.4

Uninstall Print Management Suite 1.4, which is the transfer source. For the uninstallation procedure, refer to "ApeosWare Management Suite 1.4 Administrator's Guide, Setup (separate document)".

Uninstall ApeosWare Management Suite 1.4

Uninstall ApeosWare Management Suite 1.4, which is the transfer source. For the uninstallation procedure, refer to "ApeosWare Management Suite 1.4 Administrator's Guide, Setup (separate document)".

Migration Tool Log

The migration tool log is stored in the following (auditing log is not output).

Also send the following log file when sending your inquiries to us.

When executed on ApeosWare Management Suite 1.4

<DataFolder>\Data\Basic Module\logs\AWMS-datamigration-system-yyyy-mm-dd.log (Operation Log)

<DataFolder>\Data\Basic Module\logs\AWMS-datamigration-debug-yyyy-mm-dd.log (Debug Log)



Note

If not modified, the default <DataFolder> is "C:\Fuji Xerox\ApeosWare MS".

When executed on ApeosWare Management Suite 2.2

<DataFolder>\Data\Logs\AWMS-datamigration-system-yyyy-mm-dd.log (Operation Log)

<DataFolder>\\Data\Logs\AWMS-datamigration-debug-yyyy-mm-dd.log (Debug Log)



Note

If not modified, the default <DataFolder> is "C:\FUJIFILM\ApeosWare MS".

Notes/Restrictions

- Physical printers and logical printers are always migrated with the state of “Enabled”.
- When “On-Demand – Restricted” and “Direct Print – Restricted” are selected in ApeosWare Management Suite 1.4, they are migrated as “On-Demand” and “Direct Print” respectively in ApeosWare Management Suite 2.2.
- The supported models are different between ApeosWare Management Suite 1.4 and ApeosWare Management Suite 2.2. Driver data of the models that are not supported by ApeosWare Management Suite 2.2 are not migrated.
- When the execution of MigrationTool.exe results in an error, take the following measures:
 - In the case of export processing, remove the cause, delete the data halfway backed up, and execute it again.
 - In the case of import processing, restore the initial state of ApeosWare Management Suite 2.2, delete the cause, and execute it again.