Importing or Exporting User Information

Revision History

Number	Chapter /Section	Details	Date
1	-	FW3.4.0	2007/12/18
2	-	Commented items are reflected.	2007/12/19
3	-	Description that only Version 1.0 is supported was added.	2012/12/21

Contents

1　Preface

1-1 Importing

The user information can be edited collectively by importing the user information edit file (hereafter referred to as "import file"), which is created in advance.

Create an import file based on the export file created by exporting. Importing only supports the Version 1.0 format described in this manual.

Importing consists of the following steps and these steps are performed sequentially.
- ・　Specify the import file in the [User Management] dialog box.
- ・　Check the entire content of the import file.
- ・　Edit the user information collectively according to the content of the import file.
- ・　Importing is completed.

* The entire processing is aborted when an error occurs in any process.

1-2 Exporting

Exporting outputs a list of the registered user information to a file (hereafter referred to as "export file"). To create an export file, it must be described in the Version 1.0 format.

Exporting consists of the following steps and these steps are performed sequentially.
- ・　Specify the export file in the [User Management] dialog box.
- ・　Create the entire user information content as the export file.
- ・　Exporting is completed.

* The entire processing is aborted when an error occurs in any process.

2　File specifications

Import and export files comply with the following specifications.

Import (Input)

Description	User information edit file
Purpose	Edit user information collectively.
File name	The following characters cannot be used. 　/ : * ? " < > |
File extension	txt
Encoding type	Unicode (UTF-16)

Export (Output)

Description	User information list file
Purpose	Output a list of the registered user information and facilitate the import file creation.
File name	The following characters cannot be used. 　/ : * ? " < > |
File extension	txt
Encoding type	Unicode (UTF-16)

3 Entire configuration

Import and export files comply with the following configuration. The edit type is classified with the item name. Describe the items in the following order when importing all items.

```
FILE

[User]

[Group]

```

Item name	Description	Required	Modification	Remarks
FILE	File information	Yes	No	
[User]	User information	No	Yes	
[Group]	Group information	No	Yes	Hierarchy view

[Note]
- Insert a blank line between items.

[Related items]
4 File information (FILE)
5 User information ([User])
6 Group information ([Group])
7 Import file description example

4　File information (FILE)

The file information of import/export files. Describe items in the following order.

```
FILE:
DESCRIPTION:
FUNCTION:
VERSION:
```

Item name	Description	Required	Character type	Input value	Remarks
FILE:	System name	Yes	One-byte Character	Unified Management Framework	Fixed value
DESCRIPTION:	Comment	Yes	One-byte Character	UserInfo	Fixed value
FUNCTION:	Service name	Yes	One-byte Character	User	Fixed value
VERSION:	File revision	Yes	One-byte Character	1.0	Fixed value

[Note]

- To import, be sure to describe it at the beginning of the file.
- Describe each item in one line.
- Do not use a space between the item name and the input value. Describe without spaces.

  [Incorrect]　FUNCTION: User

  [Correct]　　FUNCTION:User

5 User information ([User])

The information of a user. Describe items in the following order.

```
[User]
        Function=
        UserName=
        AuthService=
        FullName=
        Description=
        Disable=
        Password=
```

Item name	Description	Required	Number of digits	Character type	Default value	Input value	Remarks
Function=	Processing details	Yes	1	One-byte Character	0: OFF	1: Add 2: Change 3: Delete	The default value is displayed when exporting.

Item name	Description	Required	Number of digits	Character type	Default value	Input value	Remarks
UserName=	User name	Yes	1-64	One-byte Two-byte Character	(None)	The following characters cannot be used. ・ / \ [ ] : ; | = , + * ? < > ・ Spaces or periods (.) only ・ One- or two-byte space at the beginning or the end ・ Same user name as an existing use name	Cannot change after registration.
AuthService=	Authentication method	Yes	2	One-byte Character	33	33	Fixed value
FullName=	Full name	No	0-256	One-byte Two-byte Character	(None)	The following characters cannot be used. ・ One- or two-byte space at the beginning or the end	
Description=	Description	No	0-256	One-byte Two-byte Character	(None)	The following characters cannot be used. ・ One- or two-byte space at the beginning or the end	
Disable=	Disable the account.	No	1	One-byte Character	0: OFF	0: OFF 1: ON	

Item name	Description	Required	Number of digits	Character type	Default value	Input value	Remarks
Password=	Password	No	0-64	One-byte Two-byte Character	(None)	The following characters cannot be used. ・ One- or two-byte space at the beginning or the end	・ Not displayed when exporting. ・ For importing, if the registered password is 5 letters or less, re-registering is required in the login dialog box for the first time login.

[Note]

・ Insert an indent before each item using the tab.

・ Describe each item in one line.

・ Do not use a space between the item name and the input value. Describe without spaces.

　[Incorrect]　Function=　1

　[Correct]　　Function=1

・ It is not possible to import the exported file without any changes. To import, change "Function".

[Related items]

5-1　Adding a user

5-2　Changing a user

5-3　Deleting a user

5-1 Adding a user

To add a user, describe the [User] item in the import file. Describe "1" for "Function".

Example 1: To add User A.

```
[User]
        Function=1
        UserName=User_A
        AuthService=33
        FullName=Full_name
        Description=Description
        Disable=0
        Password=password
```

[Note]
·   Describe the file information (FILE) at the beginning of the import file.
·   If an optional item is omitted, registration is done using the default value.
·   If User A is already registered, it cannot be added.

5-2 Changing a user

To change a user, describe the [User] item in the import file. Describe "2" for "Function".

Example 1: To change User A.

```
[User]
        Function=2
        UserName=User_A
        AuthService=33
        FullName=FullName
        Description=Description
        Disable=0
        Password=Password
```

[Note]
· Describe the file information (FILE) at the beginning of the import file.
· If an optional item is omitted, the default value is used to change.
· If User A is not registered, it cannot be changed.

5-3 Deleting a user

To delete a user, describe the [User] item in the import file. Describe "3" for "Function".

Example 1: To delete User A.

```
[User]
        Function=3
        UserName=User_A
        AuthService=33
```

[Note]
· Describe the file information (FILE) at the beginning of the import file.
· Even when an optional item is described, delete all regardless of content.
· If User A is not registered, it cannot be deleted.

6   Group information ([Group])

The information of a group. Describe items in the following order. To register a group to another group, insert an indent using the tab to describe in a hierarchy structure. For details, see the description example.

```
[Group]
        Function=
        GroupName=
        OperationAuthority=
        ConfigurationAuthority=
        LicenseManagementAuthority=
        UserManagementAuthority=
        EvidenceReferenceAuthority=
        EvidenceUpdateAuthority=
        User=
```

Item name	Description	Required	Number of digits	Character type	Default value	Input value	Remarks
Function=	Processing details	Yes	1	One-byte Character	0: OFF	1: Add 2: Change 3: Delete	The default value is displayed when exporting.
GroupName=	Group name	Yes	1-64	One-byte Two-byte Character	(None)	The following characters cannot be used. ・ One- or two-byte space at the beginning or the end	Cannot change after registration.
OperationAuthority=	Operation authority	No	1	One-byte Character	0: OFF	0: OFF 1: ON	

Item name	Description	Required	Number of digits	Character type	Default value	Input value	Remarks
ConfigurationAuthority=	Definition modification authority	No	1	One-byte Character	0: OFF	0: OFF 1: ON	
LicenseManagementAuthority=	License management authority	No	1	One-byte Character	0: OFF	0: OFF 1: ON	
UserManagementAuthority=	User management authority	No	1	One-byte Character	0: OFF	0: OFF 1: ON	
EvidenceReferenceAuthority=	Audit log reference authority	No	1	One-byte Character	0: OFF	0: OFF 1: ON	
EvidenceUpdateAuthority=	Audit log modification authority	No	1	One-byte Character	0: OFF	0: OFF 1: ON	
User=	Member user name	No		One-byte Two-byte Character	(None)	Multiple user names can be specified by delimiting by commas (,). Unacceptable input characters are the same as the user information UserName.	

[Note]

・ Insert an indent before each item using the tab.

・ Describe each item in one line.

・ Do not use a space between the item name and the input value. Describe without spaces.

    [Incorrect] Function= 1

    [Correct]   Function=1

- It is not possible to import the exported file without any changes. To import, change "Function".
- Importing cannot change the following item. Use the [User Management] dialog box to change it.
  - Registered group name

[Related items]

6-1 Adding a group

To add a group, describe the [Group] item in the import file. Describe "1" for "Function".

Example 1: To add Group A to the built-in group User.

```
[Group]
        Function=1
        GroupName=Group_A
        OperationAuthority=1
        ConfigurationAuthority=1
        LicenseManagementAuthority=1
        UserManagementAuthority=1
        EvidenceReferenceAuthority=1
        EvidenceUpdateAuthority=1
        User=
```

[Note]
- Describe the file information (FILE) at the beginning of the import file.
- If an optional item is omitted, registration is done using the default value.
- If Group A is already registered, it cannot be added.

Example 2: To add Group B to Group A.

```
[Group]
        Function=2
        GroupName=Group_A
        OperationAuthority=1
        ConfigurationAuthority=1
        LicenseManagementAuthority=1
        UserManagementAuthority=1
        EvidenceReferenceAuthority=1
        EvidenceUpdateAuthority=1
        User=

        [Group]
                Function=1
                GroupName=Group_B
                OperationAuthority=0
                ConfigurationAuthority=0
                LicenseManagementAuthority=0
                UserManagementAuthority=0
                EvidenceReferenceAuthority=0
                EvidenceUpdateAuthority=0
                User=User_A,User_B
```

[Note]
- Describe the file information (FILE) at the beginning of the import file.
- If an optional item is omitted, registration is done using the default value.
- If Group B is already registered, Group B cannot be added.
- It must be described in the hierarchy structure of Group A, which is a parent group. Describe "2" for "Function" if Group A is not changed. If Group A is not registered, it cannot be added.

6-2 Changing a group

To change a group, describe the [Group] item in the import file. Describe "2" for "Function".

Example 1: To change Group A in the built-in group User.

```
[Group]
        Function=2
        GroupName=Group_A
        OperationAuthority=1
        ConfigurationAuthority=1
        LicenseManagementAuthority=1
        UserManagementAuthority=1
        EvidenceReferenceAuthority=1
        EvidenceUpdateAuthority=1
        User=User_A,User_B

```

[Note]
- Describe the file information (FILE) at the beginning of the import file.
- If an optional item is omitted, the default value is used to change.
- If Group A is not registered, it cannot be changed.

Example 2: To change Group B, which is registered to Group A.

```
[Group]
        Function=2
        GroupName=Group_A
        OperationAuthority=1
        ConfigurationAuthority=1
        LicenseManagementAuthority=1
        UserManagementAuthority=1
        EvidenceReferenceAuthority=1
        EvidenceUpdateAuthority=1
        User=

        [Group]
                Function=2
                GroupName=Group_B
                OperationAuthority=1
                ConfigurationAuthority=1
                LicenseManagementAuthority=1
                UserManagementAuthority=1
                EvidenceReferenceAuthority=1
                EvidenceUpdateAuthority=1
                User=
```

[Note]
・ Describe the file information (FILE) at the beginning of the import file.
・ If an optional item is omitted, the default value is used to change.
・ If Group B is not registered, it cannot be changed.
・ The description of Group A is required as a parent group in a hierarchy structure. Describe "2" for
   "Function" if Group A is not changed. If Group A is not registered, it cannot be changed.

6-3 Deleting a group

To delete a group, describe the [Group] item in the import file. Describe "3" for "Function".

Example 1: To delete Group A in the built-in group User.

```
[Group]
        Function=3
        GroupName=Group_A
```

[Note]
· Describe the file information (FILE) at the beginning of the import file.
· Even when an optional item is described, delete all regardless of content.
· If Group A is not registered, it cannot be deleted.
· Other groups registered to Group A are also deleted.

Example 2: To delete Group B, which is registered to Group A.

```
[Group]
        Function=2
        GroupName=Group_A
        OperationAuthority=1
        ConfigurationAuthority=1
        LicenseManagementAuthority=1
        UserManagementAuthority=1
        EvidenceReferenceAuthority=1
        EvidenceUpdateAuthority=1
        User=

        [Group]
                Function=3
                GroupName=Group_B
                OperationAuthority=1
                ConfigurationAuthority=1
                LicenseManagementAuthority=1
                UserManagementAuthority=1
                EvidenceReferenceAuthority=1
                EvidenceUpdateAuthority=1
                User=
```

[Note]
・   Describe the file information (FILE) at the beginning of the import file.
・   Even when an optional item is described, delete all regardless of content.
・   If Group B is not registered, it cannot be deleted.
・   Other groups registered to Group B are also deleted.
・   It must be described in the hierarchy structure of Group A, which is a parent group. Describe "2" for
       "Function" if Group A is not changed.

7　Import file description example

Processes can be described in a batch in the import file as shown below.

SampleFile.txt (1/2)

```
FILE:Unified Management Framework
DESCRIPTION:UserInfo
FUNCTION:User
VERSION:1.0

[User]
        Function=2
        UserName=User_A
        AuthService=33
        FullName=
        Description=
        Disable=0
        Password=1234567890

[User]
        Function=1
        UserName=User_B
        AuthService=33
        FullName=
        Description=
        Disable=0
        Password=abcdefghij

[User]
        Function=3
        UserName=User_C
        AuthService=33
```

* Change User A

* Add User B

* Delete User C

SampleFile.txt (2/2)

```
[Group]
        Function=2
        GroupName=Group_A
        OperationAuthority=1
        ConfigurationAuthority=1
        LicenseManagementAuthority=1
        UserManagementAuthority=1
        EvidenceReferenceAuthority=1
        EvidenceUpdateAuthority=1
        User=User_A

        [Group]
                Function=1
                GroupName=Group_B
                OperationAuthority=0
                ConfigurationAuthority=0
                LicenseManagementAuthority=0
                UserManagementAuthority=0
                EvidenceReferenceAuthority=0
                EvidenceUpdateAuthority=0
                User=User_A,User_B

[Group]
        Function=3
        GroupName=Group_C
```

* Change Group A

* Add Group B to Group_A

* Delete Group C