



# **IT Automation**

## **Export/Import**

### **【Tutorial】**

※In this document, “Exastro IT Automation” is described as “ITA”.

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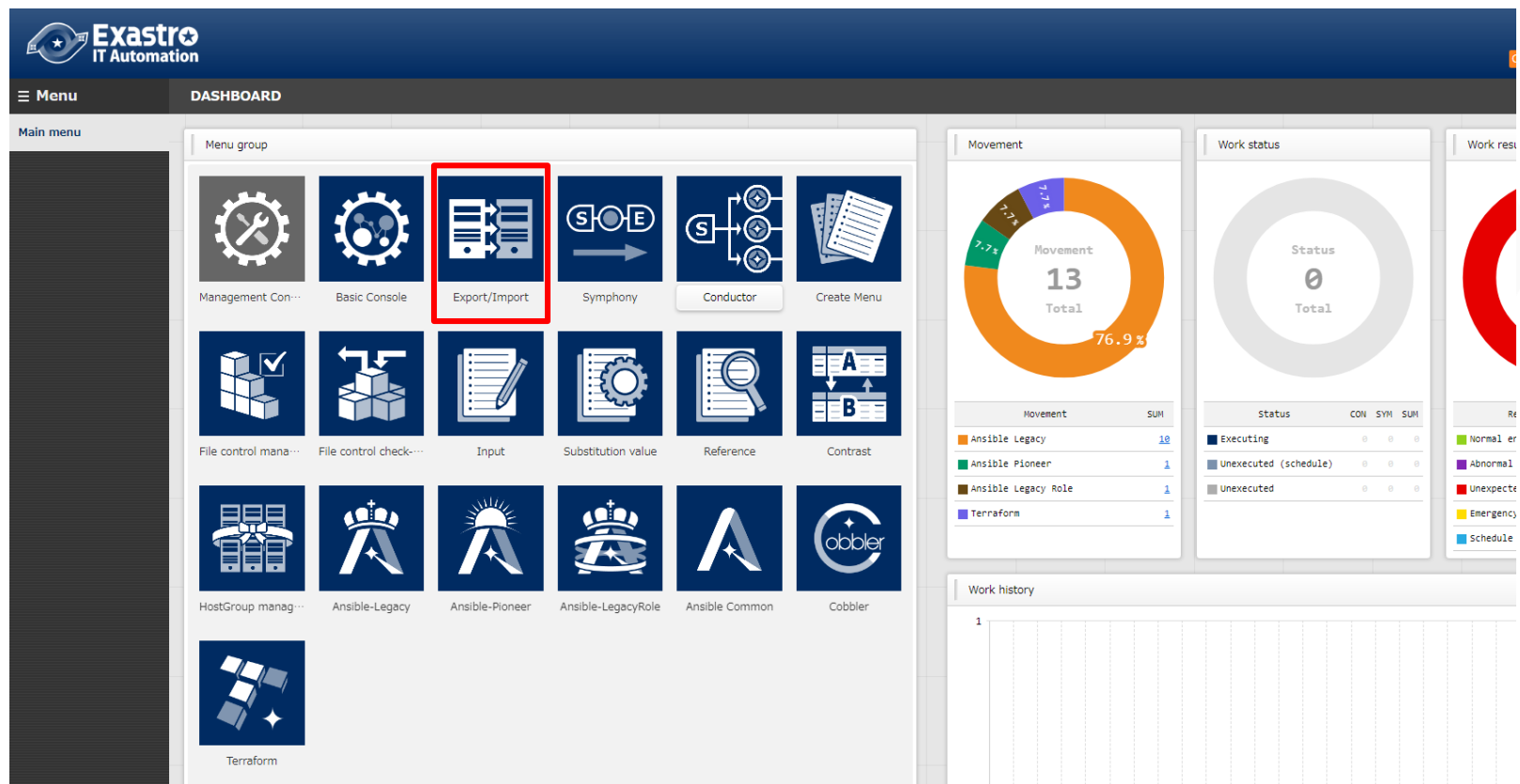
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## 2. Export/Import function

# 1.1 Introduction

## About this document

This document aims to explain the "Export/Import " Menu and its functions. Detailed specifications are described in the [User Instruction Manual](#). Please refer to it as needed.

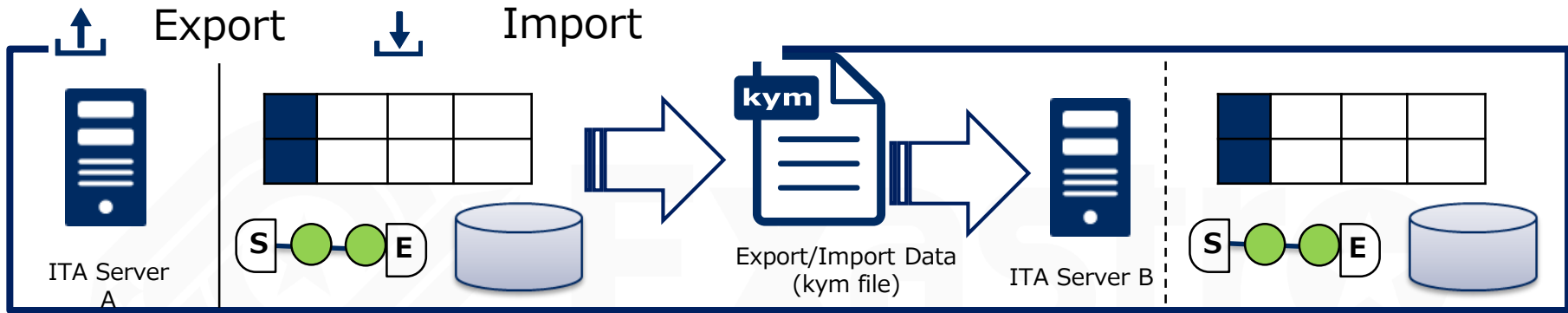


## 2. Export/Import function

# 2.1 Overview

## Overview of Export/Import function

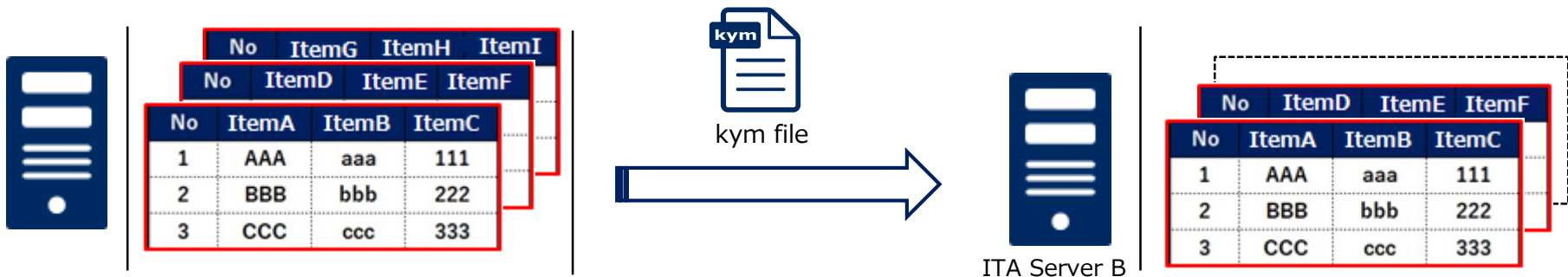
By using the "Export/Import" function, users can move Data registered in one ITA System (Parameter sheets, Conductor, Playbooks, etc) to a different ITA server. Importing existing menus will overwrite the previously existing menus.



Figure



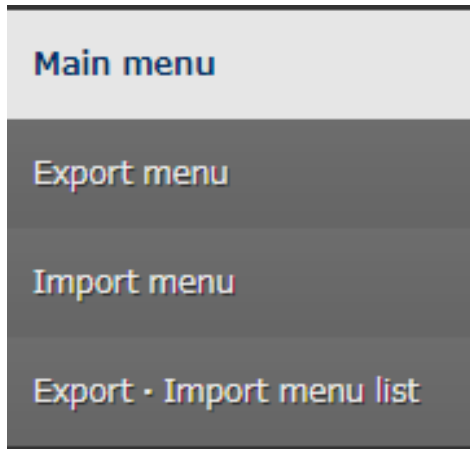
I want to move only the required menus from the test environment to the main environment (ITA Server B)



## 2.2 Menu overview

### Menu overview

Here is an overview of the Export/Import menus and their functions.



- 
- - - - - Select and export Menus
  - - - - - Import files exported in "Export menu".
  - - - - - Check the Export/Import status and download the data.
-

## 2.4 Work flow

### Work flow

The export/import workflow is as follows.

The practice document goes through the operations in more detail.

#### 1. Export

Export menu

#### 2. Download kym file

Export/Import list

#### 3. Import

Import menu

#### 4. Check Import

Export/Import list



## 2.7 Menu Description (1/3)

### Export menu

All menus are displayed in a list and can be selected if the user wishes to export them. There are two types of modes. One that overwrites all the existing data and one where users can choose whether to insert or overwrite data based on unique menu items (ID, No, Etc) after a specified time has passed. "Abolition data" decides if you want to include abolished data or not when you import.

**Exastro IT Automation Export/Import**

User name [System Administrator]  
Login ID [administrator]  
Role Change password Logout

**Menu**

Main menu

Export menu

Import menu

Export - Import menu list

Excel Bulk Export

Excel Bulk Import

Excel Bulk Export - Import list

**Description** ▾Open

**Export** ▴Close

Mode: ☒ Environment migration ☐ Time specification

Abolition data: ☒ All records ☐ Exclude discarded records

☐ All menus

**Management Console**

- ☐ System settings
- ☐ Role list
- ☐ Operation delete list
- ☐ Single-sign-on Basic Preference
- ☐ IP address filter list
- ☐ User list
- ☐ File delete list
- ☐ Single-sign-on Attribute Preference
- ☐ Menu group list
- ☐ Role - Menu link list
- ☐ AD group judgement
- ☐ Menu list
- ☐ Role - User link list
- ☐ AD user judgement

**Basic Console**

- ☐ Device list
- ☐ Operation list
- ☐ Associated menu
- ☐ Movement list
- ☐ Associated menu table list
- ☐ ER Diagram Menu List
- ☐ Associated menu column list
- ☐ ER Diagram Item List

**Create Menu**

- ☐ Menu definition information
- ☐ Unique constraint(Multiple items) creation infor
- ☐ Column group list
- ☐ Menu - Table link li
- ☐ Contrast
- ☐ Contrast list
- ☐ Vertical Menu creation information
- ☐ Menu conversion information

Contact administrator

**Export**

Select the menus to be exported with the check box.

Click "Export" to execute.

## 2.7 Menu Description (2/3)

### Import menu

Upload the exported data in the "Export menu " and import the desired menus.

The screenshot displays the 'Export/Import' interface of the Exastro IT Automation system. The interface is divided into a left sidebar and a main content area. The sidebar contains a 'Menu' section with options: 'Main menu', 'Export menu', 'Import menu' (highlighted), and 'Export - Import menu list'. The main content area has a top bar with the 'Exastro IT Automation' logo and 'Export/Import' title. Below this, there are two main sections: 'Description' and 'Upload'. The 'Upload' section contains a 'Choose File' button (labeled 'No file chosen') and an 'Upload' button. A red box highlights these two buttons, with a callout box stating 'Use these buttons to upload kym files'. Below the 'Upload' section is the 'Import' section, which includes a 'Mode' dropdown (set to 'Environment migration'), a 'Time specification' input field, and a 'Without disuse data' checkbox. There are also checkboxes for 'All menus', 'Management Console', 'System settings', 'IP address filter list', 'Menu group list', 'Menu list', 'Contrast list', and 'Contrast details'. A red box highlights the 'Import' button at the bottom, with a callout box stating 'Click here to start the Import.'.

User name [System Administrator]  
Login ID [administrator]  
Change password Logout

**Menu**  
Main menu  
Export menu  
**Import menu**  
Export - Import menu list

**Description** ▾Open  
**Upload** ▴Close

Choose File No file chosen  
Upload

Use these buttons to upload kym files

**Import**

Mode: Environment migration Time specification  
Abolition data: Normal Without disuse data

☒ All menus

☒ Management Console

☒ System settings ☒ IP address filter list ☒ Menu group list ☒ Menu list

☒ Contrast list ☒ Contrast details

Import

Click here to start the Import.

## 2.7 Menu Description (3/3)

### Export/Import menu list

Check the information that can be executed Export/Import.

User can check the progress status of each operation and download moved data.

The screenshot shows the 'Export · Import menu list' interface. On the left is a sidebar menu with options: 'Menu', 'Main menu', 'Export menu', 'Import menu', and 'Export · Import menu list' (which is selected). The main area has a 'Description' header with a '▽Open' button and a 'Display filter' header with a '△Close' button. Below these is a filter section with fields for 'Discard' (a dropdown set to 'Exclude discarded records'), 'Execution No.' (with a range selector and 'Search from pulldown'), 'Status' (with 'Search from pulldown'), 'Execution type' (with 'Search from pulldown'), 'Mode' (with 'Search from pulldown'), 'Abolition' (with 'Search from'), 'Last update date/time' (with a range selector), and 'Last updated by' (with 'Search from pulldown'). There are 'Filter' and 'Clear Filter' buttons, and an 'Auto-filter' checkbox that is checked. Below the filter section is a 'List' header with a '△Close' button. The list is a table with columns: 'History', 'Execution No.', 'Status', 'Execution type', 'Mode', 'Abolition data', 'Specified time', 'File name', 'Last update date/time', and 'Last updated by'. Two rows are shown, both with 'Completed' status. The first row has 'Environment migration' mode and 'Normal' abolition data. The second row has 'Environment migration' mode and 'Normal' abolition data. The 'File name' column contains links like 'ita\_exportdata\_20210622191424.kym'. Annotations with blue boxes and arrows point to specific elements: one points to the 'Status' column with the text 'Check the status here. It will go from "Not Executed" to "Executing" and lastly "Completed".'; another points to the 'Mode' and 'Abolition data' columns with the text 'See here for mode and Abolition data status'; and a third points to the 'File name' column with the text 'Check/Download the export/import file here'. At the bottom is a 'Trace history' header with a '▽Open' button.

Menu

- Main menu
- Export menu
- Import menu
- Export · Import menu list

Description ▽Open

Display filter △Close

Discard: Exclude discarded records ▾

Execution No.: ~ Search from pulldown

Status: Search from pulldown

Execution type: Search from pulldown

Mode: Search from pulldown

Abolition: Search from

Last update date/time: ~

Last updated by: Search from pulldown

Filter Clear Filter

Auto-filter

List △Close

History	Execution No.	Status	Execution type	Mode	Abolition data	Specified time	File name	Last update date/time	Last updated by
History	1	Completed	Export	Environment migration	Normal		<a href="#">ita_exportdata_20210622191424.kym</a>	2021/06/22 19:14:24	Data portability procedure
History	2	Completed	Export	Environment migration	Normal		<a href="#">ita_exportdata_20210622191424.kym</a>		

Filter result count: 2

Trace history ▽Open

Check the status here.  
It will go from "Not Executed" to "Executing" and lastly "Completed".

See here for mode and  
Abolition data status

Check/Download the  
export/import file here

### 3. Excel bulk import/export function

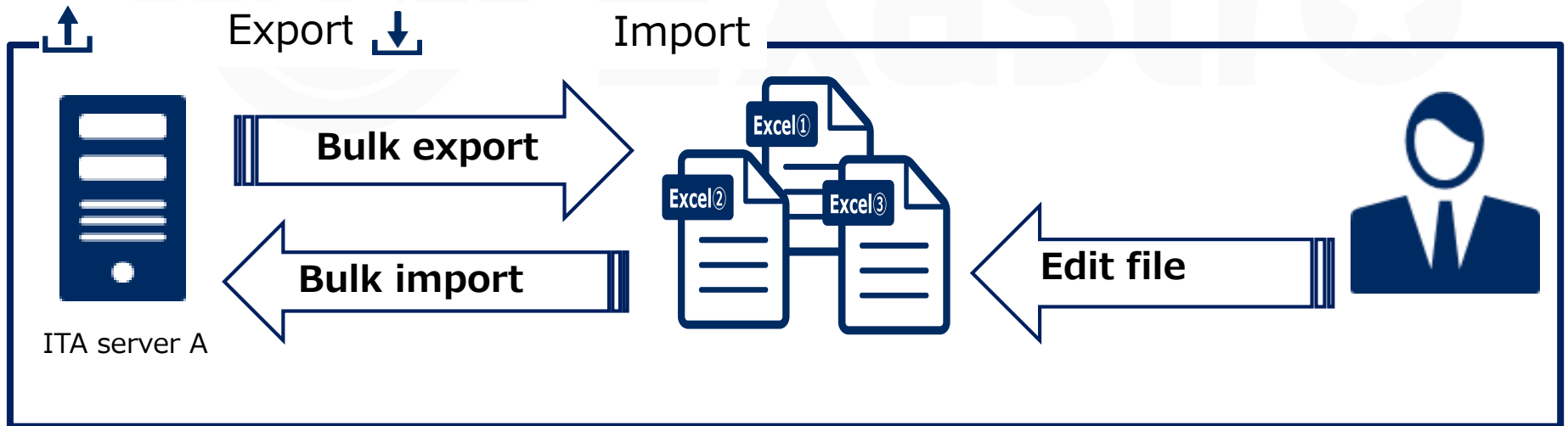
## 3.1 Overview

### Excel bulk export/import function overview

The Excel Bulk export/import function allows users to download and upload multiple files from/to menus.

※users can press the “Excel output” button in the “Display/List” in menus in order to download bigger amount of data registered to ITA.

Users can then change the contents of the excel files and then upload them collectively to the menus.



## 3.2 Menu overview

### Menu overview

Here is an overview of the Excel bulk Export/Import menus and their functions.

Excel Bulk Export

----- Select and export menus

Excel Bulk Import

----- Imports edited excel files in bulks.

Excel Bulk Export - Import  
list

----- Check the Export/Import status and  
download the data.

## 3.3 Work flow

### Work flow

The Excel bulk export/import workflow is as follows.

The practice document goes through the operations in more detail.

#### 1. Export

Excel bulk export



#### 2. Download zip file

Excel bulk export/Import list



#### 3. Extract files, edit contents and save the file.



#### 4. Import

Excel bulk import



#### 5. Check import status

Excel bulk import/Import list

## 3.4 Menu description(1/4)

### Excel bulk export

The available menus are displayed and users can select the menus they want to export. Users can choose if they want to include or exclude deleted information when importing.

The screenshot displays the 'Exastro IT Automation' 'Export/Import' interface. The top header shows the user name 'System Administrator' and login ID 'administrator', along with buttons for 'Role', 'Change password', and 'Logout'. The left sidebar lists navigation options: 'Menu', 'Main menu', 'Export menu', 'Import menu', 'Export - Import menu list', 'Excel Bulk Export', 'Excel Bulk Import', and 'Excel Bulk Export - Import list'. The main content area is titled 'Export/Import' and features a 'Description' section with 'Open' and 'Close' buttons. Below this, there are radio buttons for 'Abolition data', 'All records', 'Exclude discarded records' (selected), and 'Only discarded records'. The 'All menus' section is expanded, showing several categories of menus with checkboxes for selection:

- Management Console**
  - ☐ System settings
  - ☐ Menu group list
  - ☐ Menu list
  - ☐ Role list
  - ☐ User list
  - ☐ Role - Menu link list
  - ☐ Role - User link list
  - ☐ Single-sign-on Attribute Preference
  - ☐ Single-sign-on Basic Preference
- Basic Console**
  - ☐ Device list
  - ☐ Associated menu
  - ☐ Operation list
- Create Menu**
  - ☐ Menu definition information
  - ☐ Menu creation history
  - ☐ Selection 1
  - ☐ Selection 2
- Input**
  - ☐ Test Menu 1
  - ☐ Test Menu 5
  - ☐ Legacy practice
- CI/CD for IaC**
  - ☐ Interface information
  - ☐ File link

An annotation 'Select what menus to export' points to the checkboxes in the 'Management Console' section. Another annotation 'Press "Export" to export.' points to the 'Export' button at the bottom right of the interface.



## 3.4 Menu description(2/4)

### Excel bulk import

Upload the file downloaded from the "Excel bulk export" menu and select what menus to import.

The screenshot shows the 'Excel Bulk Import' interface. On the left is a sidebar menu with options: Menu, Main menu, Export menu, Import menu, Export - Import menu list, Excel Bulk Export, Excel Bulk Import, and Excel Bulk Export - Import list. The main area has two tabs: 'Upload' and 'Import'. The 'Upload' tab is active, showing a 'Choose File' button (highlighted with a red box), a 'No file chosen' status, and an 'Upload' button (highlighted with a blue box). A callout box points to the 'Upload' button with the text 'Upload Zip file'. The 'Import' tab is also visible, showing a 'Select what menus to import.' callout box pointing to the 'All menus' checkbox. Below this is a table with columns: Import target, Menu group, Menu, Menu Id, File name, and Error. The table contains six rows of data, all with the 'Import target' checked. A second table is shown below the first, with columns: Import target, Menu group, Menu, Menu Id, File name, and Error. It contains three rows of data, all with the 'Import target' checked. A red box highlights the 'Import' button at the bottom of the interface, with a callout box pointing to it that says 'Press "Import" to import.'.

**Upload Tab:**

Choose File No file chosen

Upload

Upload Zip file

**Import Tab:**

Select what menus to import.

☒ All menus

Import target	Menu group	Menu	Menu Id	File name	Error
<input checked="" type="checkbox"/>	Management Con...	System settings	2100000202	System settings_20211209172930.xlsx	
<input checked="" type="checkbox"/>	Management Con...	Menu group list	2100000204	Menu_group_20211209172931.xlsx	
<input checked="" type="checkbox"/>	Management Con...	Menu list	2100000205	Menu_20211209172933.xlsx	
<input checked="" type="checkbox"/>	Management Con...	Role list	2100000207	Role_20211209172935.xlsx	
<input checked="" type="checkbox"/>	Management Con...	User list	2100000208	User_20211209172936.xlsx	
<input checked="" type="checkbox"/>	Management Con...	Role - Menu link list	2100000209	Role_menu link list_20211209172937.xlsx	

Import target	Menu group	Menu	Menu Id	File name	Error
<input checked="" type="checkbox"/>	Input	SSL certificate	0000000010	SSL certificate_20211209173006.xlsx	
<input checked="" type="checkbox"/>	Input	Private IP(Data sheet)	0000000014	Private IP(Data sheet)_20211209173007.xlsx	
<input checked="" type="checkbox"/>	Input	OS information	0000000004	OS information_20211209173008.xlsx	

Import

Press "Import" to import.

Contact administrator

# 3.4 Menu description(3/4)

## Excel bulk export/import list

Download and extract files and edit them.

Export - Import menu list

Excel Bulk Export

History	Execution No.	pe	Abolition data	Execution user	File name	Result file
History	1		Exclude discarded records	administrator	ITA FILES_20210906163722.zip	2
History	2		Exclude discarded records	administrator		2

Download and extract files

種類

ファイル フォルダー

ファイル フォルダー

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Item No.	ID	Item name	Setting value
NG	NG	OK	OK
Cannot edit because of auto-numbering. Must be blank when execution process type	Multiple lines of character string are not allowed, character count is 1 to 32 bytes, tab and line break cannot be entered, required item, duplication with other	Multiple lines of character string is allowed (not recommended), character count is 0 to 64 bytes, tabs cannot be entered	Multiple lines of character string is allowed (not recommended), character count is 1 to 1024 bytes, tabs cannot be entered

Exported/Imported content (File folder)

Item No.	ID	Item name	Setting value
2100000001	IP_FILTER	IP address restrictions	
2100000002	FORBIDDEN_UPLOAD	Upload prohibition extension	.exe;.com;.php;.cgi;.sh;.sql;.vbs;.js;.pl;.ini;.htaccess
2100000003	PWL_EXPIRY	Account lock duration (seconds)	0
2100000004	PWL_THRESHOLD	Password error threshold (frequency)	
2100000005	PWL_COUNT_MAX	Password error count upper limit (frequency)	5
2100000006	PW_REUSE_FORBID	Password re-registration prevention period (days)	180
2100000007	PASSWORD_EXPIRY	Password validity period (days)	0

Use this field to edit the files

## 3.4 Menu description(4/4)

### Excel bulk export/import list

This menu allows users to see the information for previous excel bulk exports/imports.

Users can also see the progress status for the operations and download their respective data.

**Exastro IT Automation Export/Import**

**Menu**

- Main menu
- Export menu
- Import menu
- Export - Import menu list
- Excel Bulk Export
- Excel Bulk Import
- Excel Bulk Export - Import list

**Description**

**Display filter**

Discard	Execution No.	Status	Execution type	Abolition data	Execution user	File name	Result file	Last update date/time
Exclude discarded records	Search from pulldown	Search from pulldown	Search from pulldown	Search from pulldown	Search from pulldown	Search from pulldown	Search from pulldown	Search from pulldown

**Filter**

☒ Auto-filter

**List**

History	Execution No.	Status	Execution type	Abolition data	Execution user	File name	Result file	Last update date/time	Last updated by
History		Completed	export	Exclude discarded records	administrator	ITA FILES 20210906163722.zip		2021/09/06 16:37:14	Excel Bulk Export/Import list procedure
History		Completed	export	Exclude discarded records	administrator	ITA FILES 20211209172708.zip		2021/12/09 17:24:58	Excel Bulk Export/Import list procedure
History		Completed	export	All records	administrator	ITA FILES 20211209173138.zip		2021/12/09 17:29:00	
History		Completed	export		administrator	ITA FILES 20210906163722.zip	ResultData 4.log	2021/12/09 17:29:00	

Filter result count: 4

**Trace history**

**Callouts:**

- Displays the status of the operation. The operation will go through the following statuses: "Not executed", "Executing", "Finished".
- Check/Download exported/imported files.
- Check the result of previous exports/imports.
- Check the execution user and if the operation includes/excludes abolished information



**Exastro**