

IT Automation Export/Import [Practice]

******"Exastro IT Automation" will be shortened to ITA in this document.

Exastro IT Automation Version 1.9 Exastro developer

Exastro

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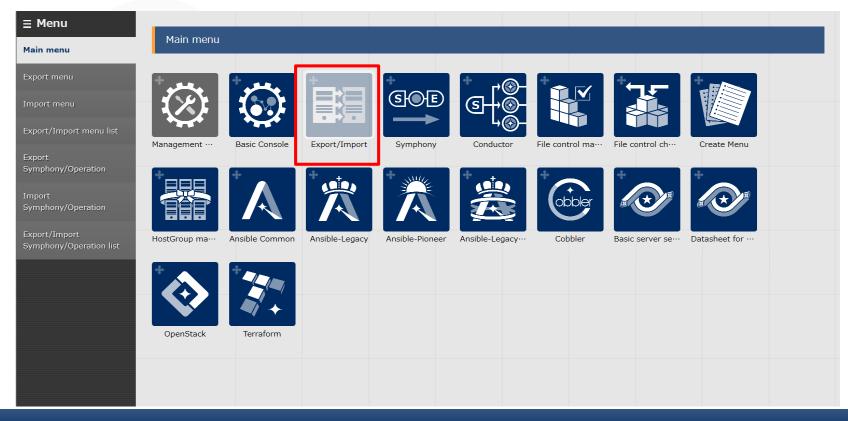
1. Introduction



1.1 About this document

About this document

This document aims to introduce the reader to the **Export/Import function** by teaching them through a hands-on scenario



2. Practice ①. Menu export



2.1 Environment

Work environment

The environment used in this document is as following.

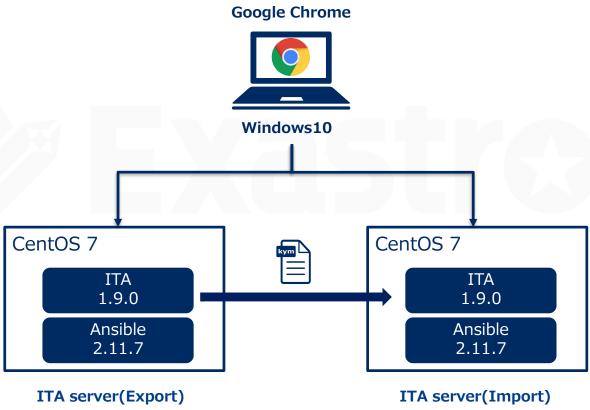
The Export/Import function requires 2 systems in order to function (one for export and one for import).

Client machine

- Google Chrome
- Windows10

ITA Server (2)

- CentOS 7 (※1)
- · ITA 1.9.0
- Ansible 2.11.7

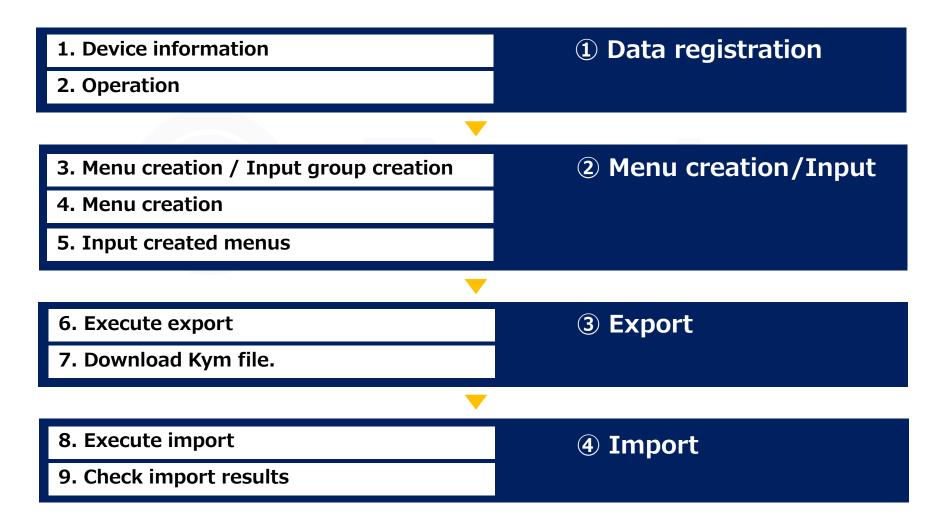


*1 In this scenario, the host server is running on CentOS7, but ITA can be installed on any RHEL7/RHEL8 type OS.

2.1 Export/Import procedure

Work procedure

This scenario will follow the procedure shown below.

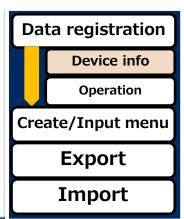


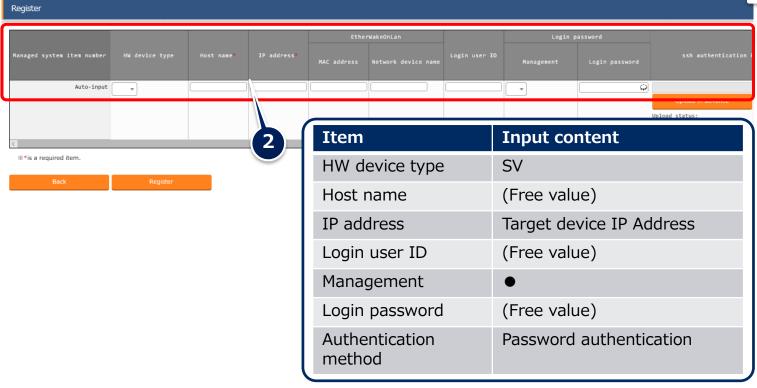
2.2 Data registration (1/2)

Device registration

Menu: Basic console> Device list

- ① Click "Start Registration" under the "Register" sub-menu
- Select or input the following information for each item and click "Register"



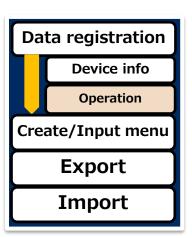


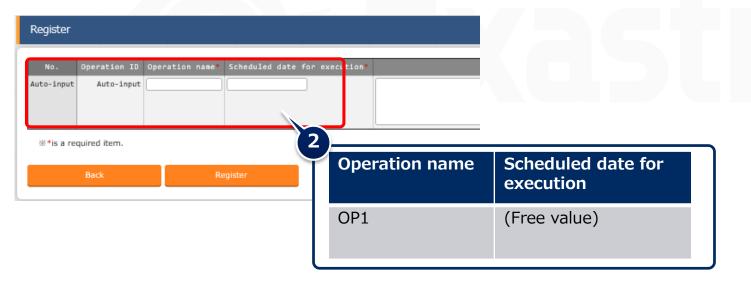
2.2 Data registration (2/2)

Register a new operation

Menu: Basic console> Operation list

- ① Click "Start Registration" under the "Register" sub-menu.
- 2 Input the following information for each item and click "Register"



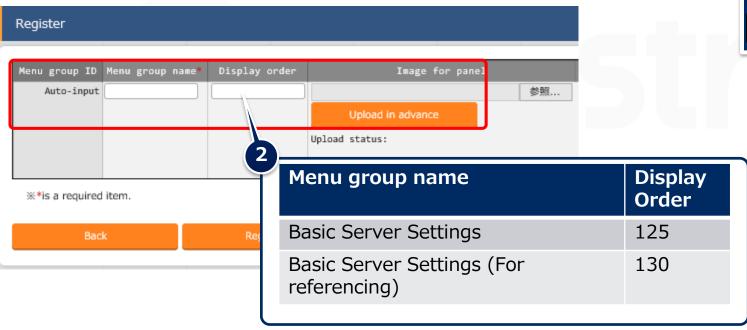


2.3 Create Menu(1/4)

Menu group creation

Menu: Management console> Menu group list.

- Click the "Start Registration" button under the "Register" sub-menu
- ② Input the following information for each item and click "Register"



Data registration

Input/Create Menu

Menu group

Menu

Created Menu

Export

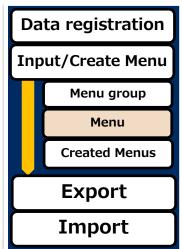
Import

2.3 Create Menu(2/4)

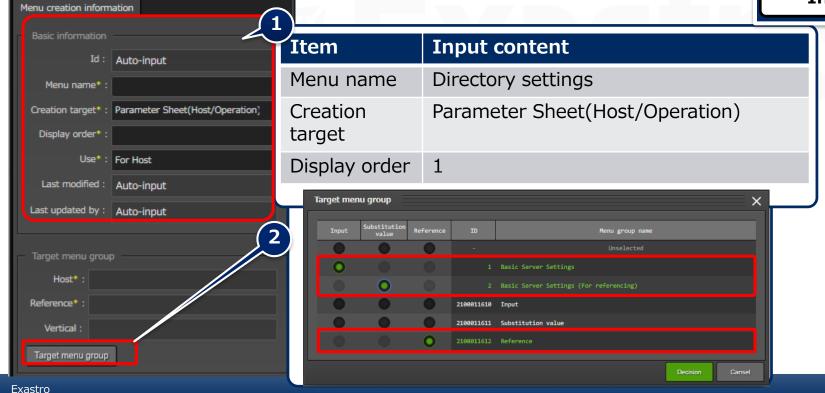
Create Parameter sheets

Menu: Create menu> Create/Define menu

- Input the following for "Menu creation information"
- ② Click "Target menu group" and select the target menu group.



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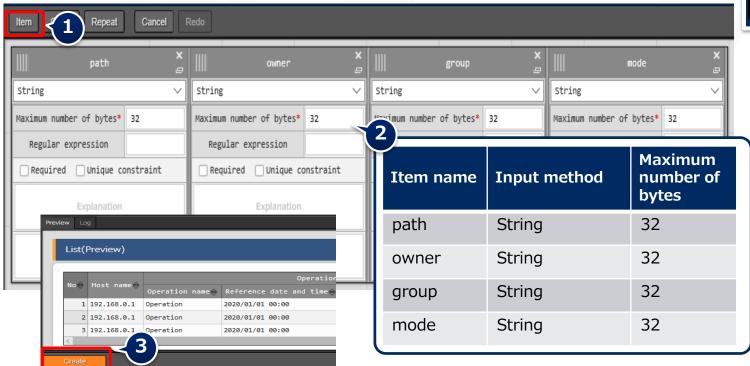


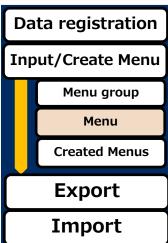
2.3 Create Menu (3/4)

Define Parameter Item names.

Menu: Create Menu> Create/Define menu.

- Press "Item" and add new items.
- ② Select or input the following for each item and click "Register"
- 3 Click "Create" on the bottom of the screen.



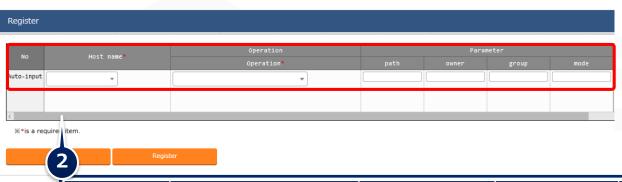


2.3 Create Menu (4/4)

Register data to Parameter sheet.

Menu: Basic Server Settings > Directory Settings

- ① Click "Start Registration" under the "Register" sub-menu.
- ② Select or input the following for each item and click "Register"
- ③ Update the data created in ② to match the data below.



Data registration					
Input/Create Menu					
П	Menu group				
П	Menu				
	Created Menu groups				
Export					
Import					

Host name	Operation	path	owner	group	mode
(Free)	OP1	/tmp/work1	root	root	0644

3

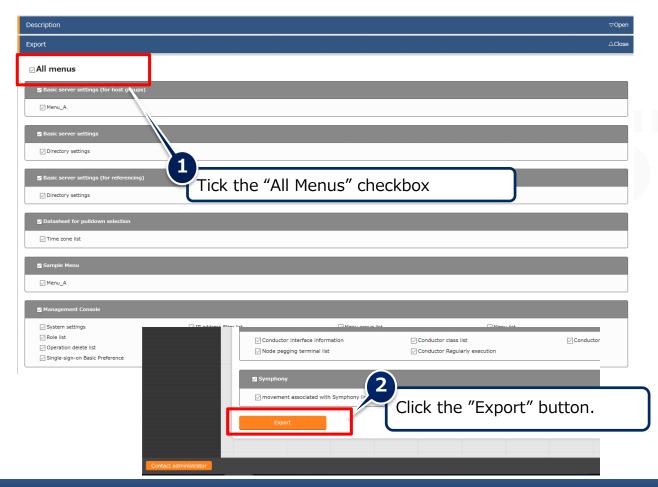
Host name	Operation	path	owner	group	mode
(Free)	OP1	/tmp/work2	root	root	0644

2.4 Export(1/2)

Export Execution

Choose and export the registered information

Menu: Export/Import> Export menu





2.4 Export(2/2)

Download Kym File

Let download the exported data.

Menu: Export/Import > Export/Import menu list

- Click "List"
- ② Click the "Filter" button.
- 3 Download Kym file from the export status list.



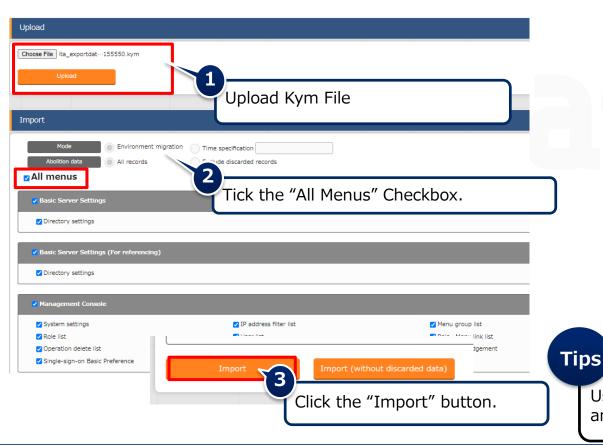


2.5 Import(1/3)

Execute Import

From here, we will use the receiving server to operate. Upload the Kym file and import it.

Menu: Export/Import> Import Menu



Data registration

Input/Create Menu

Export

Import

Start Import

Download kym file

Users can exclude discarded data and import the rest of the data.

2.5 Import(2/3)

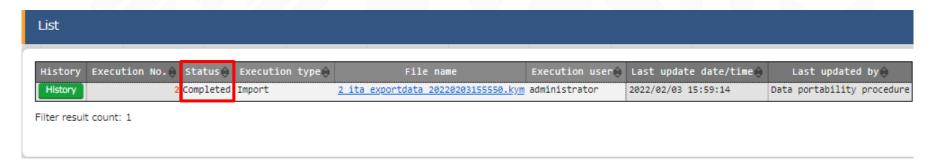
Check Import status

Let's check the imported information and see if the status is "Completed"

Menu: Export/Import > Export/Import menu list

- ① Click "List"
- ② Click the "Filter" button.
- 3 Check if the status of the executed import is "Completed"





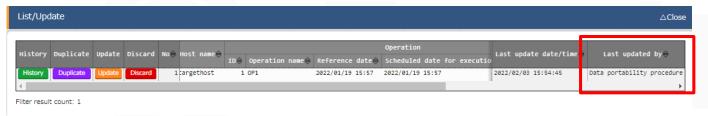
2.5 Import(3/3)

Check Import results

Lets check the imported menus. All change history for each record should also be moved. Let's put them together and check them.

Menu: Server Basic Settings> Directory settings.

- Click "Filter"
- ② Check if the Menu information has been migrated by "Data Portability Procedure"



- 3 Click "Trace History" and input the numbers for the records you registered.
- 4 Click "Display" and check if the change history information has been migrated or not.





3. Practice ② Excel Bulk export/import



3.1 Environment

Work environment

The following scenario uses the following environment.

The scenario requires one ITA server.

Client device

- Windows10
- Google Chrome

ITA server (x1)

- CentOS 7 (※1)
- · ITA 1.9.0
- Ansible 2.11.7







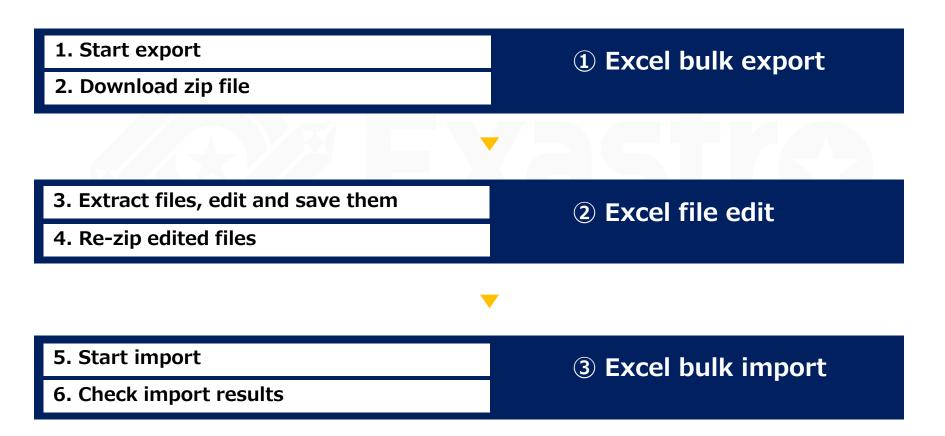
ITA server

*1 In this scenario, the host server is running on CentOS7, but ITA can be installed on any RHEL7/RHEL8 type OS.

3.2 Excel bulk export/import procedure

Workflow

This scenario will have the user use the Excel export function to register data to the Role list or the Operation list. The following figure illustrates the workflow.

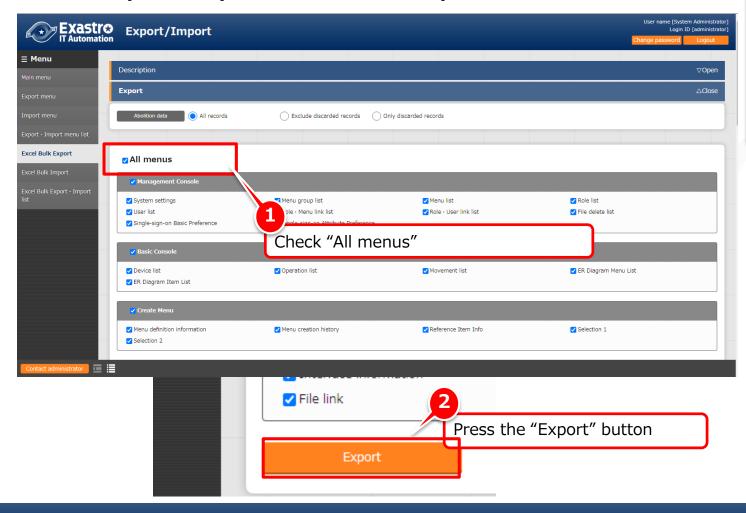


3.3 Excel bulk export (1/2)

Start the export

Start exporting menus.

Menu: Export/Import >Excel bulk export





3.3 Excel bulk export (2/2)

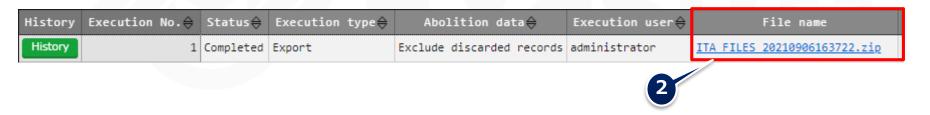
Download zip file

Download the exported data.

Menu: Export > Excel bulk export/import list

- ① Press "List"
- ② Download the Zip file from the export status list.

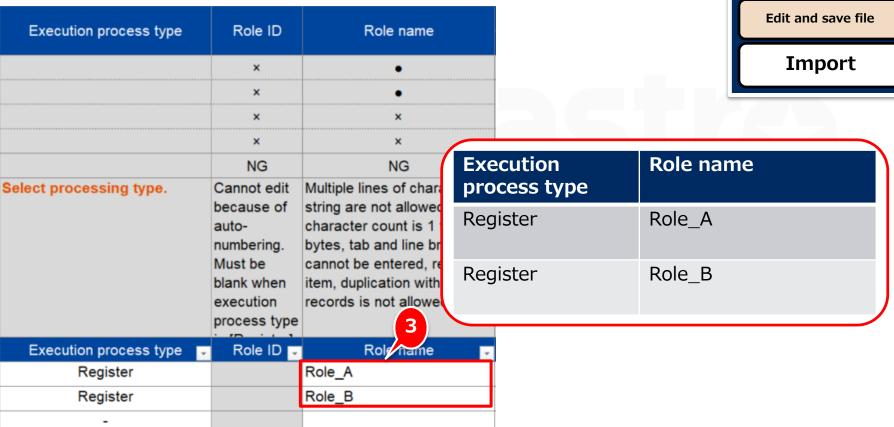




3.4 Excel file edit (1/3)

Extract zip file and edit contents

- Extract the downloaded zip file
- ② Open the file and open Management console> role (Excel file)
- 3 Edit the file so it matches the picture below and save it.



Start Export

Download Zip file

Edit and save file

Import

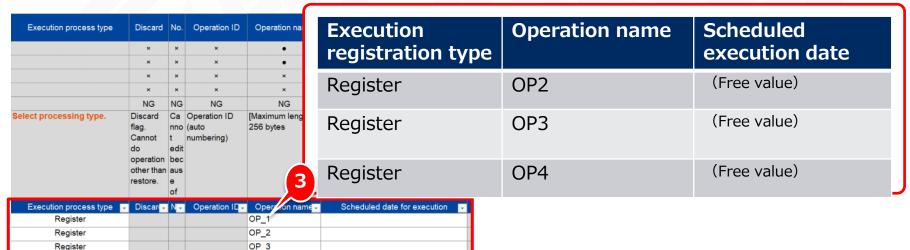
3.4 Excel file edit (2/3)

Extract zip file and edit contents

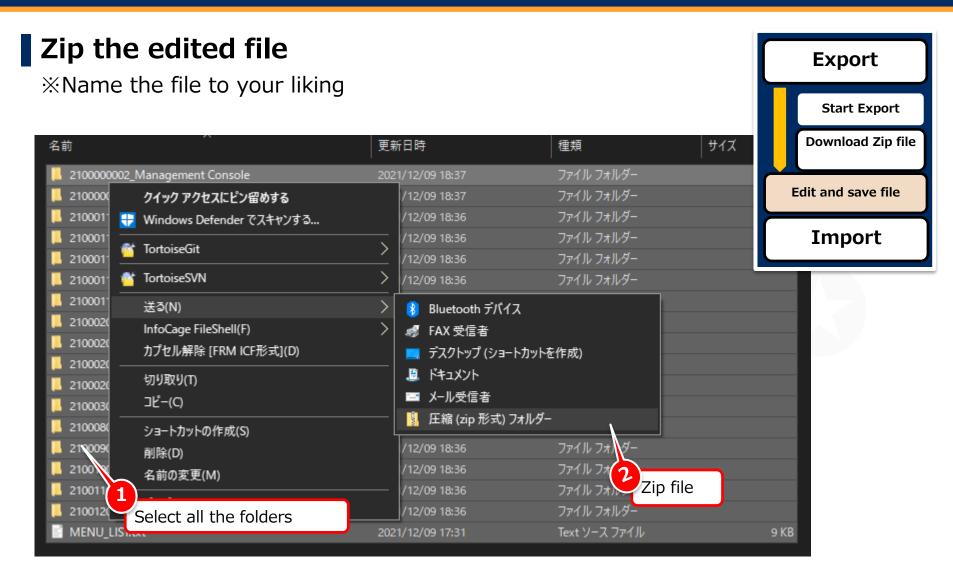
Edit the contents of the downloaded file

- 1 Extract the downloaded zip file
- Open the file and open > Basic console > Operation list (Excel file)
- ① Edit the file so it matches the picture below and save it.

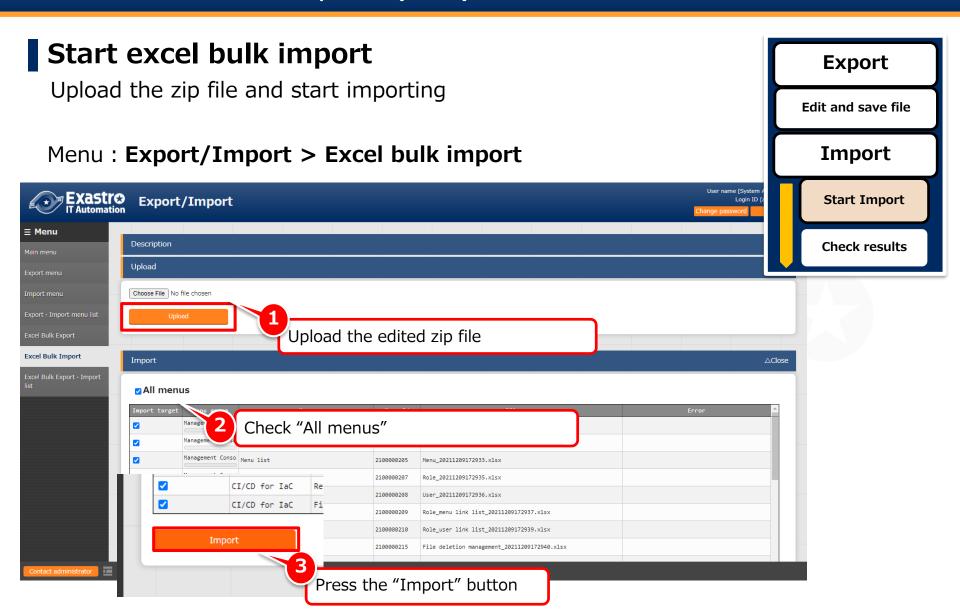




3.4 Excel file edit (3/3)



3.5 Excel bulk import (1/3)



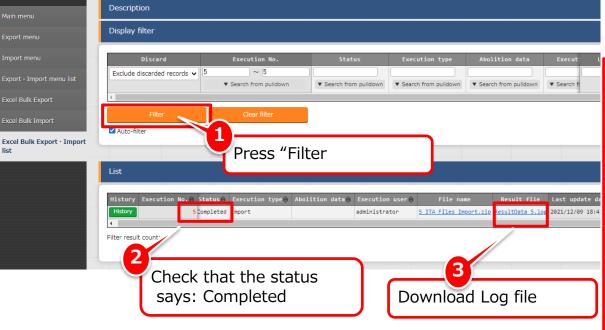
3.5 Excel bulk import (2/3)

Check the Import status and the Registration resul

Check that the import has ended successfully and that all of the items has been registered.

Menu : **Export/Import >**

Excel export/import list







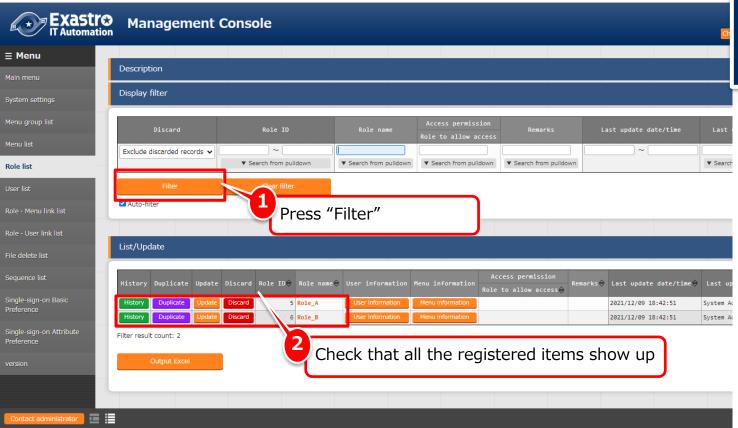
≡ Menu

3.5 Excel bulk import (3/3)

Check registered contents

Check that the registered contents are being displayed.

Menu: Management console > Role list



Export

Edit and save file

Import

Start Import

Check results

3.5 Excel bulk import (3/3)

Check registered contents

Check that the registered contents are being displayed

Menu: Management console > Role list

