



IT Automation Export/Import 【Practice】

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

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3. Scenario ② Excel bulk export/import

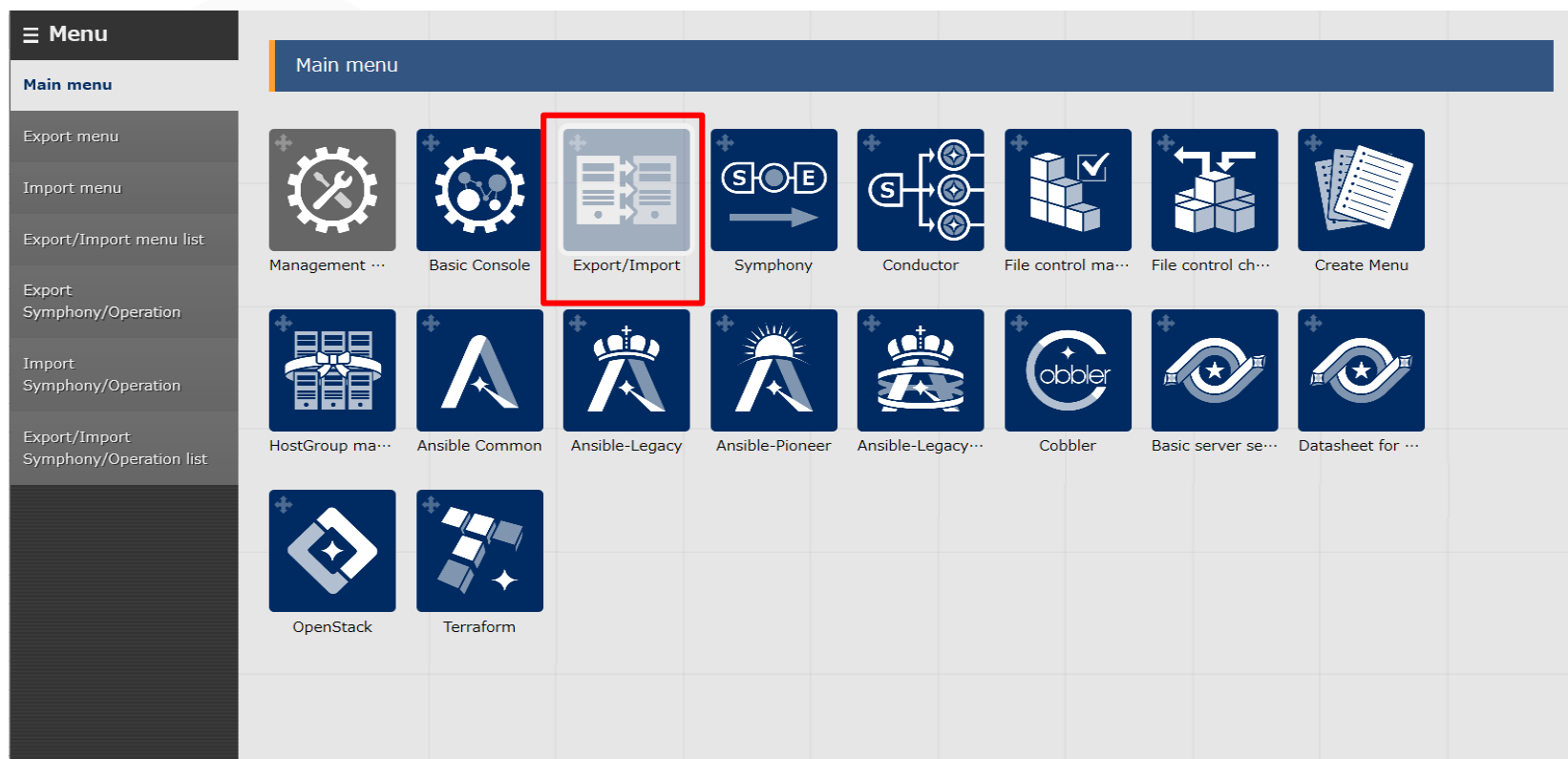
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1. Introduction

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. Scenario ①. Menu export/Menu import

2.1 Environment

Work environment

The environment used in this document is as following.

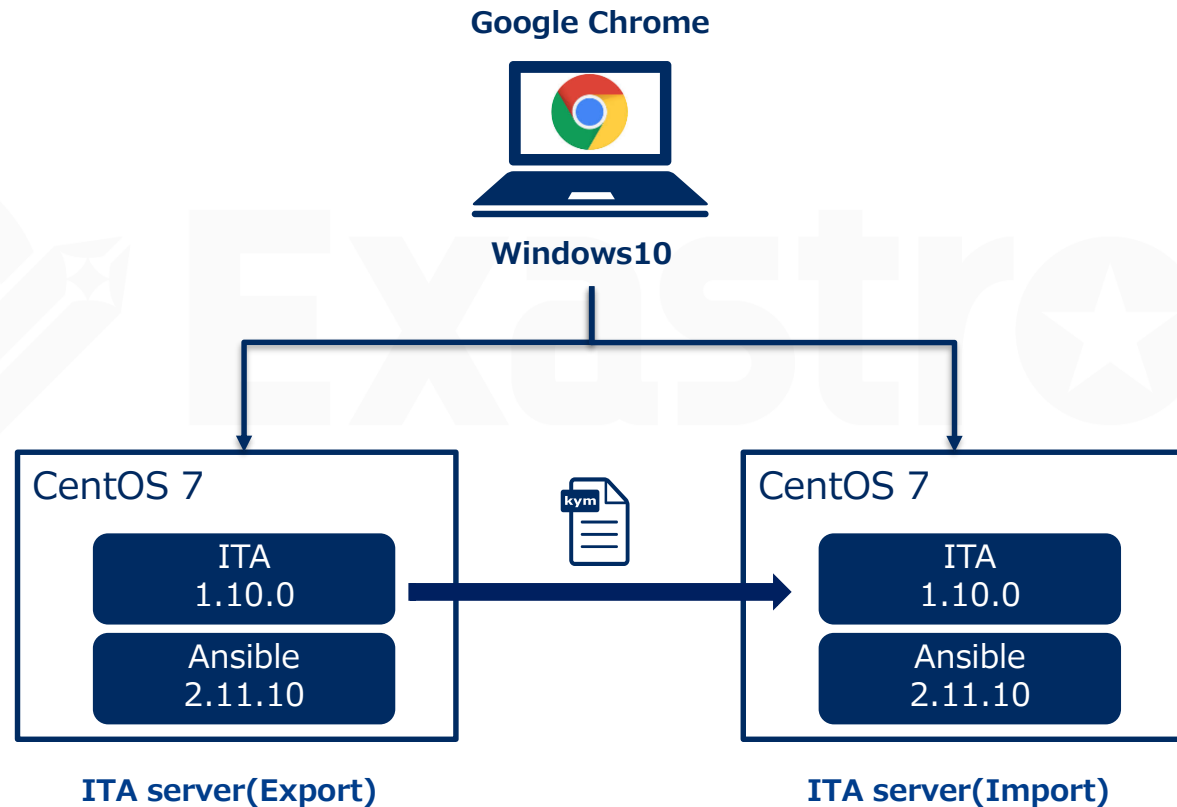
The Export/Import function requires 2 systems in order to function (one for **export** and one for **import**).

Client machine

- Google Chrome
- Windows10

ITA Server (2)

- CentOS 7 (※1)
- ITA 1.10.0
- Ansible 2.11.10



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

2.2 Menu export/Menu import procedure(1/2)

Scenario

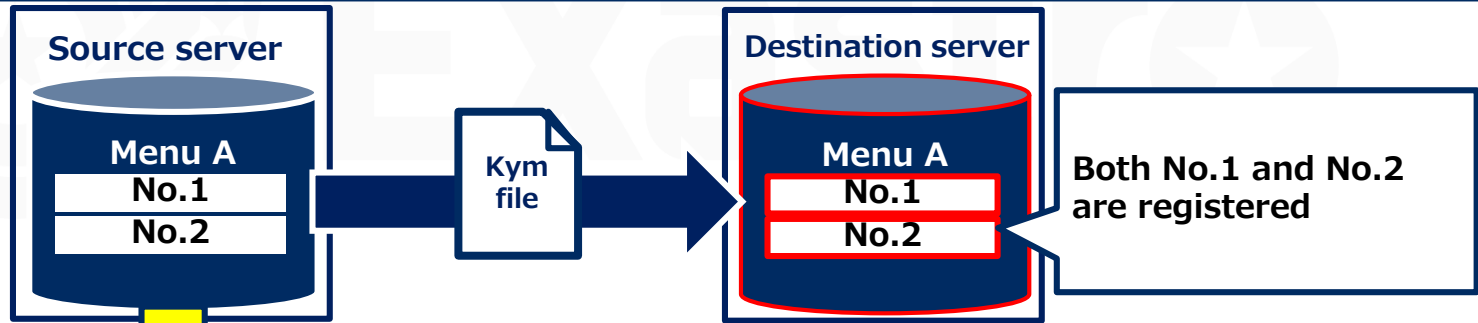
This scenario lets the user use the Menu export function to experience both Environment migration mode and Time specification mode.

- ① Use the Environment migration function to export the menus specified from the source server and import the data to the destination server, overwriting all data.
- ② Update/register data in the source server and use the Time specification mode to export/import them to the destination server.

Scenario image

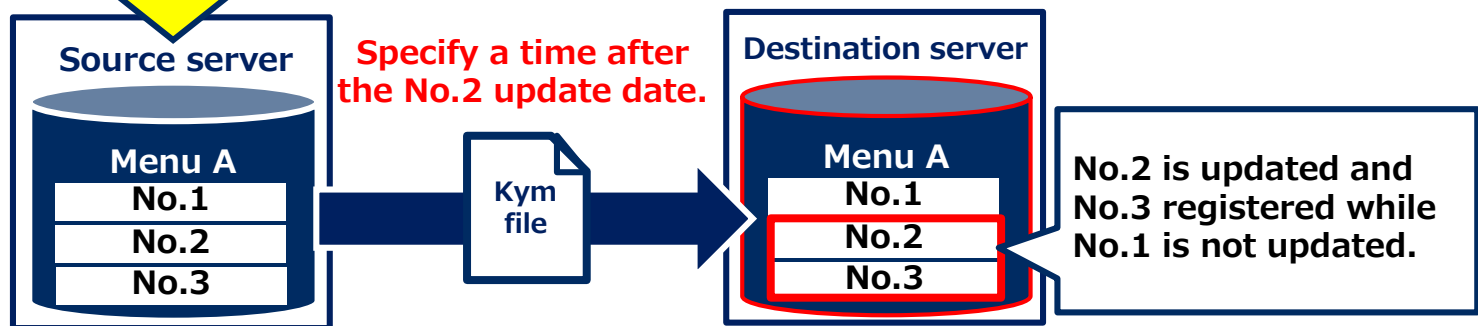
① Environment migration

Create data No.1, No.2



② Time specification

Update No.1, No.2 in order and register No.3



2.2 Menu export/Menu import procedure(2/2)

Scenario

This document's scenario will proceed as following.

1. Device information

2. Operation

3. Create Menu group

4. Create Menu

5. Input data to created menus

6. Start Export procedure

7. Download kym file

8. Start Import procedure

9. Check import results

10. Update/Register data

11. Start Export procedure

12. Download kym file

13. Start Import procedure

14. Check import results

① Register data

② Input/Create menus

③ Environment migration
└ Export Menu
└ Import Menu

④ Time specification
└ Export Menu
└ Import Menu

2.2 Data registration (1/2)

Device registration

Menu: **Basic console> Device list**

- ① Click "Start Registration" under the "Register" sub-menu
- ② Select or input the following information for each item and click "Register"

Data registration

Device info

Operation

Create/Input menu

Environment
Migration

Time Specification

Register

Managed system item number	HW device type	Host name*	IP address*	EtherWakeOnLan		Login user ID	Login password		ssh authentication
				MAC address	Network device name		Management	Login password	
Auto-input	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

※* is a required item.

Back Register

2

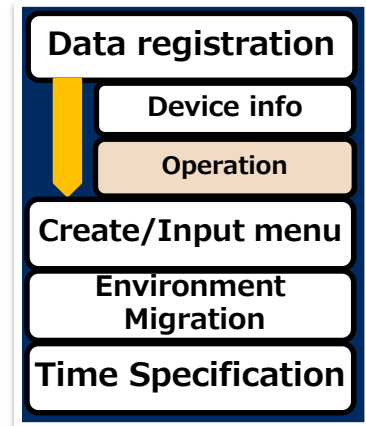
Item	Input content
HW device type	SV
Host name	(Free value)
IP address	Target device IP Address
Login user ID	(Free value)
Management	●
Login password	(Free value)
Authentication method	Password authentication

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”



The 'Register' form has a blue header. Below it is a table with four columns: 'No.', 'Operation ID', 'Operation name', and 'Scheduled date for execution'. The first row is pre-filled with 'Auto-input' for both 'No.' and 'Operation ID'. The 'Operation name' and 'Scheduled date for execution' columns have empty input fields. A red box highlights these two input fields. Below the table, there is a note: '※ * is a required item.' At the bottom are two orange buttons: 'Back' and 'Register'. A blue circle with the number '2' and an arrow points to the 'Operation name' input field.

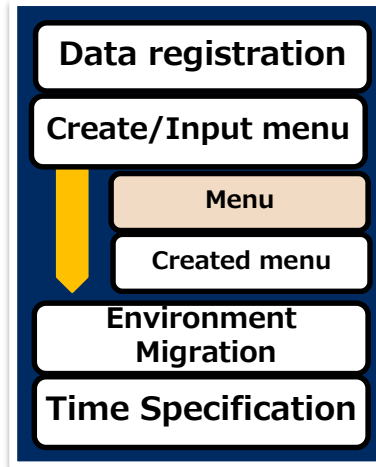
Operation name	Scheduled date for execution
OP1	(Free value)
OP2	(Free value)
OP3	(Free value)

2.4 Create menu/Input data (1/3)

Create Parameter sheet

Menu: **Create Menu> Create/Define Menu**

① Follow the table below and fill in the required items.



The screenshot shows a 'Menu creation information' dialog box. The 'Basic information' section is highlighted with a red box and a red circle with the number '1'. The fields in this section are: 'Id' (Auto-Input), 'Menu name*' (Directory settings), 'Creation target' (Parameter Sheet(Host/Operation)), 'Display order*' (1), 'Create as hostgroup menu' (Yes), 'Create as vertical menu' (Yes), 'Last modified' (Auto-Input), and 'Last updated by' (Auto-Input). The 'Target menu group' section is below, with fields for 'Input*' (Input), 'Substitution value*' (Substitution value), and 'Reference*' (Reference), and a 'Select Target menu group' button.

Item name	Contents
Menu name	Directory settings
Creation target	Parameter sheet(Host/Operation)
Display order	1

2.4 Create menu/Input data (2/3)

Define Parameter sheet items names

Menu: **Create Menu > Define/Create menu**

- ① Press the “Item” button and add 3 more items.
- ② Follow the table below and input the following information.
- ③ Press the “Create” button on the bottom of the screen.

Data registration

Create/Input menu

Menu

Created menu

Environment
Migration

Time Specification

1

2

Item name	Input method	Maximum byte size
path	String	32
owner	String	32
group	String	32
mode	String	32

No	Host name	Operation				Parameter				Rem
		Operation name	Reference date and time	Scheduled date	Last run date	path	owner	group	mode	
1	192.168.0.1	Operation	2020/01/01 00:00	2020/01/01 00:00		String	String	String	String	
2	192.168.0.1	Operation	2020/01/01 00:00	2020/01/01 00:00		String	String	String	String	
3	192.168.0.1	Operation	2020/01/01 00:00	2020/01/01 00:00		String	String	String	String	

Create

3

2.4 Create menu/Input data (3/3)

Register data to Parameter sheet

Menu: Input> **Directory settings**

- ① Press "Register"> "Start registering".
- ② Input the following information for each item and click "Register"

Data registration

Create/Input menu

Menu

Created menu

Environment
Migration

Time Specification

Register

No	Host name	Operation	Parameter				Last update date/time	Last updated by
		Operation	path	owner	group	mode		
Auto-input	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Auto-input	Auto-input

2

Host name	Operation	path	owner	group	mode
Free value	OP1	/tmp/work1	root	root	0644
Free value	OP2	/tmp/work2	root	root	0644

2.5 Environment Migration – Export (1/2)

Start Export process.

Select the previously registered information and start the export process using the “Environment migration” mode.

Menu: Export/Import> Menu export

The screenshot shows the 'Export' interface for environment migration. It includes a sidebar on the right with a navigation menu and a main content area with various settings and an 'Export' button. Three numbered callouts highlight key steps:

- 1** Select “Environment migration” (points to the selected radio button in the Mode section).
- 2** Check “All menus” (points to the checkbox in the Management Console section).
- 3** Press “Export” (points to the orange Export button at the bottom).

Export

Mode: ☒ Environment migration ☐ Time specification

Abolition data: ☒ All records ☐ Exclude discarded records

☐ All menus

Management Console

- ☐ System settings
- ☐ Role list
- ☐ Operation delete list
- ☐ Site Preference
- ☐ IP address filter list
- ☐ User list
- ☐ File delete list
- ☐ Design-on Attribute Preference
- ☐ Menu group list
- ☐ Role - Menu link list
- ☐ AD group judgement

☒ Interface information ☒ Remote repository ☒ Remote repository file

☒ File link

Export

Data registration

Create/Input menu

Environment Migration

Export

Download Kym file

Import

Check Import results

Time Specification

2.5 Environment Migration – Export (2/2)

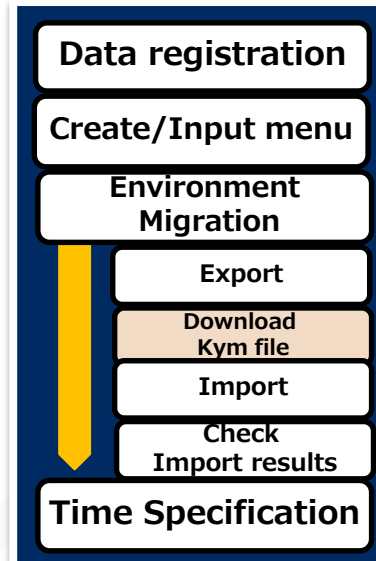
Download kym file

Download the exported data

Menu: Export/Import>

Menu Export/Import list

- ① Press “Filter”
- ② Open the “List” and download the kym file



List

History	Execution No.⌵	Status⌵	Execution type⌵	Mode⌵	Abolition data⌵	Specified time⌵	File name	Execution	Last update date/time⌵
History	1	Completed	Export	Environment migration	All records		ita_exportdata_20220712170451.kym	administrat	2022/07/12 17:04:52

Filter result count: 1

2

2.6 Environment Migration – Import (1/3)

Import

From this slide on, we will operate using the Destination server.
Upload the kym file and start the import process.

Menu: Export/Import> **Menu Import**

The screenshot shows the 'Import' section of the 'Environment Migration' interface. It includes a sidebar menu on the right with options: 'Data registration', 'Create/Input menu', 'Environment Migration' (highlighted with a yellow arrow), 'Export', 'Download Kym file', 'Import' (highlighted in orange), 'Check Import results', and 'Time Specification'. The main interface has two tabs: 'Upload' and 'Import'. The 'Upload' tab contains a 'Choose File' button and an 'Upload' button, with a red box and callout '1' pointing to the 'Upload' button and the text 'Upload kym file'. The 'Import' tab contains a 'Mode' section with 'Environment migration' (selected) and 'Time specification' (unselected), and an 'Abolition data' section with 'records' (selected) and 'Exclude discarded records' (unselected). A red box and callout '2' points to the 'All menus' checkbox, with the text 'Check "All menus"'. At the bottom, a red box and callout '3' points to the 'Import' button, with the text 'Press "Import"'. A 'Tips' bubble on the right states: 'Users can also import excluding deleted data.' The 'File link' checkbox is also visible at the bottom left.

Upload

Choose File No file chosen

Upload

1 Upload kym file

Import

Mode ☒ Environment migration ☐ Time specification

Abolition data ☒ records ☐ Exclude discarded records

☒ All menus

2 Check "All menus"

☒ File link

3 Press "Import"

Import

Tips

Users can also import excluding deleted data.

Environment Migration

- Export
- Download Kym file
- Import**
- Check Import results

Data registration

Create/Input menu

Time Specification

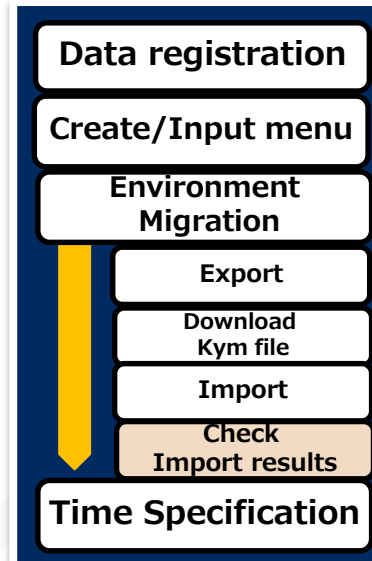
2.5 Environment Migration – Import (2/3)

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 the “Filter” button.
- ② Check if the status of the executed import is “Completed”



List

History	Execution No. ⚙	Status ⚙	Execution type ⚙	File name	Execution user ⚙	Last update date/time ⚙	Last updated by ⚙
History	2	Completed	Import	2_ita_exportdata_20220203155550.kym	administrator	2022/02/03 15:59:14	Data portability procedure

Filter result count: 1

2.5 Environment Migration – 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.**

- ① Click “Filter”
- ② Check if the Menu information has been migrated by “Data Portability Procedure”

List/Update

△Close

History	Duplicate	Update	Discard	No	Host name	ID	Operation name	Reference date	Scheduled date for execution	Last update date/time	Last updated by
History	Duplicate	Update	Discard	1	targethost	1	OP1	2022/01/19 15:57	2022/01/19 15:57	2022/02/03 15:54:45	Data portability procedure

Filter result count: 1

Data registration

Create/Input menu

Environment
Migration

Export

Download
Kym file

Import

Check
Import results

Time Specification

2.7 Time specification – Export (1/3)

Update Parameter sheet data

Return to the source server for this part.

Update the source server data.

Menu: Input> **Directory settings**

- ① Press Register> Start registering
- ② Follow the tables below and input the necessary data
- ③ Press “Update”

Data registration

Create/Input menu

Environment Migration

Time Specification

Update/Register data

Export

Download Kym file

Import

Check Import results

List/Update

History	Duplicate	Update	Discard	No	Host name	ID	Operation name	Reference date	Scheduled date for execution	Last execution date	path	Last update date/time	Last update by
History	Duplicate	Update	Discard	1	test	2	OP1	2022/07/12 17:00	2022/07/12 17:00		/tmp/w	2022/07/12 17:17:28	System Administrator
History	Duplicate	Update	Discard	2	test	3	OP2	2022/07/22 17:00	2022/07/22 17:00		/tmp/w	2022/07/12 17:18:12	System Administrator

Before

Operation	path
OP1	/tmp/work1



After

Operation	path
OP1	/tmp/work11

Before

Operation	path
OP2	/tmp/work2



After

Operation	path
OP2	/tmp/work22

2.7 Time specification – Export (1/3)

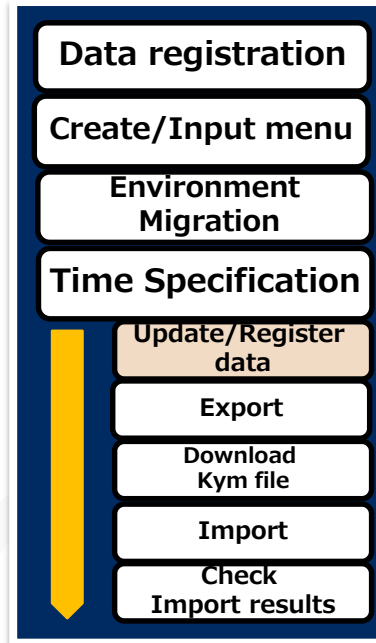
Register Parameter sheet data

Use the source server for this part.

Register new data to the Source server

Menu: Input> **Directory settings**

- ① Press Register> Start registering
- ② Follow the tables below and input the necessary data
- ③ Press “Register”



Host name	Operation	path	owner	group	mode
Free value	OP3	/tmp/work3	root	root	0644

No	Host name*	Operation*	path	owner	group	mode
Auto-input	test	2022/07/12 17:05_4:OP3	/tmp/work3	root	root	0644

※*is a required item.

Back

Register

③ Press “Register”

2.7 Time specification – Export (2/3)

Start Export process

Select the registered data and export using the “Time specification” mode.

Menu: Export/Import> **Menu export**

The screenshot shows the 'Menu export' interface in the Exastro system. The interface is divided into several sections. On the right side, there is a vertical menu with the following items: 'Data registration', 'Create/Input menu', 'Environment Migration', 'Time Specification' (highlighted with a yellow bar), 'Update/Register data', 'Export' (highlighted with an orange bar), 'Download Kym file', 'Import', and 'Check Import results'. The main area of the interface has a 'Description' header and an 'Export' section. In the 'Export' section, there are two radio buttons: 'Environment migration' and 'Time specification' (selected). Next to the 'Time specification' radio button is a date and time input field showing '2022/07/12 17:18'. Below this, there is a 'Time specification' button and a note: '(The entered time must be later than the last time the second item was updated)'. There are three numbered callouts: 1. A red circle with the number '1' pointing to the 'Time specification' radio button, with a text box saying 'Press “Time specification”'. 2. A red circle with the number '2' pointing to the 'All menus' checkbox, with a text box saying 'Check “All menus”'. 3. A red circle with the number '3' pointing to the 'Export' button, with a text box saying 'Press “Export”'. The 'All menus' checkbox is checked. Below it, there is a list of checkboxes for various system settings and user management options, all of which are checked. At the bottom of the interface, there is an 'Export' button.

1 Press “Time specification”

2 Check “All menus”

3 Press “Export”

Time specification (The entered time must be later than the last time the second item was updated)

Export

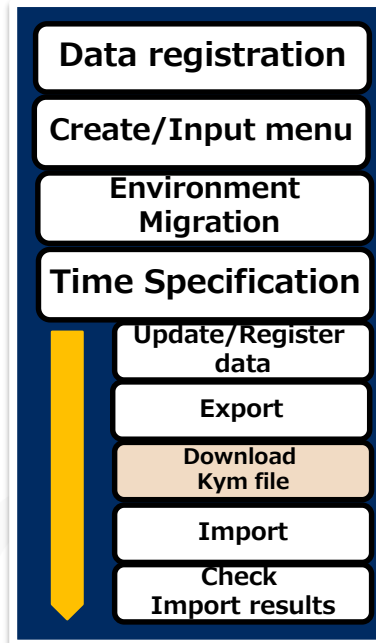
2.7 Time specification – Export (3/3)

Download kym file

Download the exported data.

Menu: Export/Import> Menu export/Import list

- ① Press “Filter”
- ② Open the “List” and download the kym file



List									
History	Execution No.	Status	Execution type	Mode	Abolition data	Specified time	File name	Execution us	Last update date/time
History	3	Completed	Export	Time specification	All records	2022/07/12 17:18	ita_exportdata_20220712172906.kym	administrator	2022/07/12 17:29:07

2

2.8 Time specification – Import (1/3)

Start Import process.

Return to the destination server.

Upload the kym file and start the import process.

Menu: Export/Import > **Menu import**

The screenshot shows the 'Menu import' interface in Exastro. It is divided into two main sections: 'Upload' and 'Import'.

Upload Section:

- Contains a 'Choose File' button and a 'No file chosen' status.
- An orange 'Upload' button is highlighted with a red box and a callout '1' pointing to it, with the text 'Upload kym file'.

Import Section:

- Has a 'Mode' selector with 'Environment migration' and 'Time specification' (selected) options. A date/time field shows '2022-07-12 17:18'.
- An 'Abolition data' button is present.
- A checkbox 'All menus' is checked and highlighted with a red box and a callout '2' pointing to it, with the text 'Check "All menus"'. Below it, a list of menu items is shown, all with checked boxes: 'Management Console', 'System settings', 'Role list', 'IP address filter list', 'User list', 'Menu group list', 'Role - Menu link list', 'Menu list', and 'Role - User link list'.
- An orange 'Import' button is highlighted with a red box and a callout '3' pointing to it, with the text 'Press "Import"'. Below it, there are checkboxes for 'File link' and 'Remote repository'.

Right Sidebar:

- A vertical navigation menu with a yellow arrow pointing down.
- Items include: 'Data registration', 'Create/Input menu', 'Environment Migration', 'Time Specification' (highlighted), 'Update/Register data', 'Export', 'Download Kym file', 'Import' (highlighted), and 'Check Import results'.

Tips:

- A blue circular bubble labeled 'Tips' contains the text: 'Users can also import excluding deleted data.'

2.8 Time specification – Import (2/3)

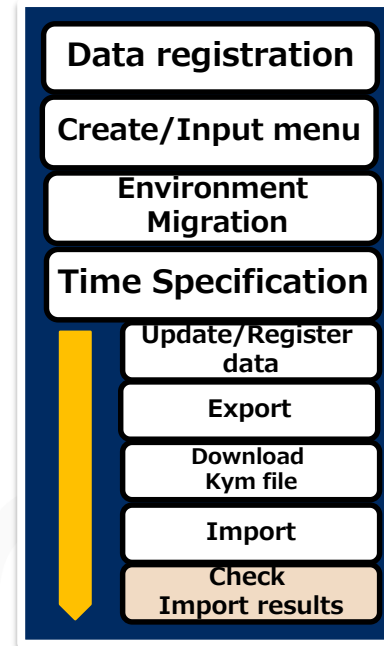
Check Import status

Check that the Import status says “Completed”.

Menu: Export/Import >

Menu Export/Import list

- ① Press “List”
- ② Check that the status of the import process is “Completed”



List

History	Execution No	Status	Execution type	Mode	Abolition data	Specified time	File name	Execution	Last update date/time
History	4	Completed	Import		Time specification All records	2022/07/12 17:18	4_ita_exportdata_20220712172906.kym	administrato	2022/07/12 17:33:21

2.8 Time specification – Import (3/3)

Check the Import results

Check the imported menus.

Make sure that the correct menus was registered/updated according to the set time specification.

Menu: Input> **Directory settings**

- ① Press “Filter”
- ② Check that the “last updated by” column says “Data portability procedure”.
- ③ Check that only the items that was updated/registered after the set time have been changed

Data registration

Create/Input menu

Environment
Migration

Time Specification

Update/Register
data

Export

Download
Kym file

Import

Check
Import results

List/Update

△Close

History	Duplicate	Update	Discard	No	Host name	Operation			Parameter				Access permission	Last update date/time	Last updated by
						ID	Operation name	Reference date	path	owner	group	mode			
History	Duplicate	Update	Discard	1	test	2	OP1	2022/07/12 17:00	/tmp/work11	root	root	0644	Role_A,Role_B	2022/07/12 17:17:28	Data portability procedure
History	Duplicate	Update	Discard	2	test	3	OP2	2022/07/22 17:00	/tmp/work22	root	root	0644	Role_A,Role_B	2022/07/12 17:18:12	Data portability procedure
History	Duplicate	Update	Discard	3	test	4	OP3	2022/07/12 17:05	/tmp/work3	root	root	0644	Role_A,Role_B	2022/07/12 17:22:59	Data portability procedure

3. Practice ② Excel Bulk export/import

3.1 Environment

Work environment

The following scenario uses the following environment.

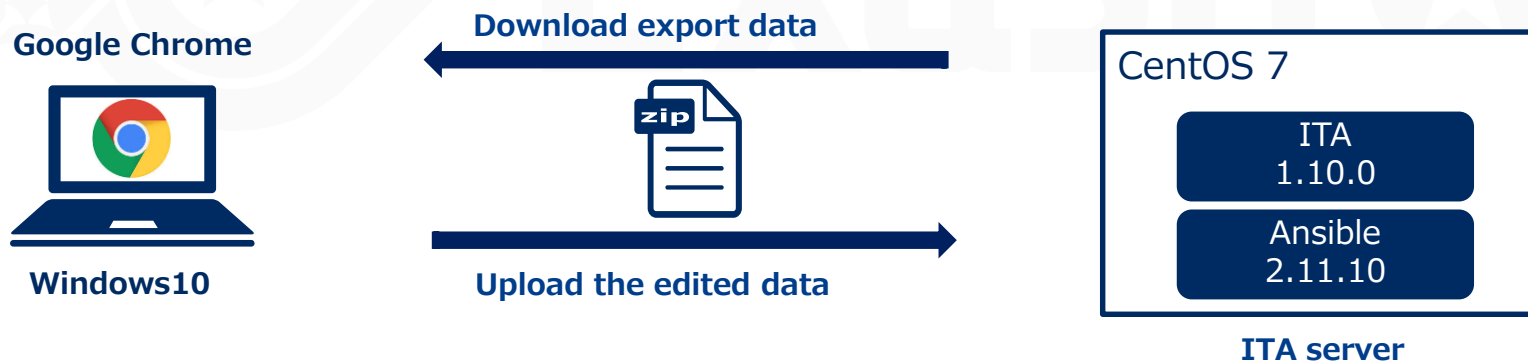
The scenario requires one ITA server.

Client device

- Windows10
- Google Chrome

ITA server (x1)

- CentOS 7 (※1)
- ITA 1.10.0
- Ansible 2.11.10



※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.

1. Start export

2. Download zip file

① Excel bulk export

3. Extract files, edit and save them

4. Re-zip edited files

② Excel file edit

5. Start import

6. Check import results

③ Excel bulk import

3.3 Excel bulk export (1/2)

Start the export

Start exporting menus.

Menu: **Export/Import >Excel bulk export**

The screenshot shows the 'Export/Import' interface of Exastro IT Automation. The sidebar on the left contains a 'Menu' section with options like 'Main menu', 'Export menu', 'Import menu', and 'Excel Bulk Export'. The main content area is titled 'Export/Import' and includes a 'Description' field, a 'Export' button, and a list of export options. The 'All menus' checkbox is highlighted with a red box and a red circle containing the number '1'. A red arrow points from this box to a red box containing the text 'Check "All menus"'. The 'Export' button is highlighted with a red box and a red circle containing the number '2'. A red arrow points from this box to a red box containing the text 'Press the "Export" button'.

The flowchart shows the following steps:

- Export
- Start Export
- Download Zip file
- Edit and save file
- Import

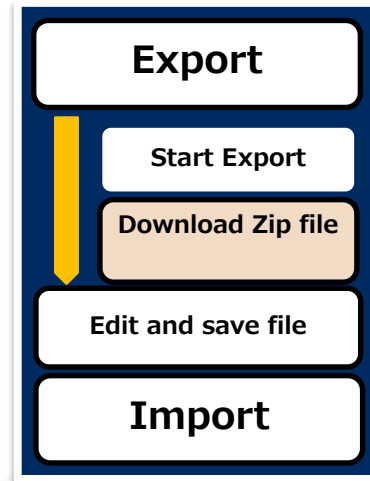
3.3 Excel bulk export (2/2)

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.



History	Execution No. ⇅	Status ⇅	Execution type ⇅	Abolition data ⇅	Execution user ⇅	File name
History	1	Completed	Export	Exclude discarded records	administrator	ITA FILES 20210906163722.zip

2

3.4 Excel file edit (1/3)

Extract zip file and edit contents

- ① 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.

Execution process type	Role ID	Role name
	x	•
	x	•
	x	x
	x	x
	NG	NG
Select processing type.	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 bytes, tab and line break cannot be entered, repetition, duplication with records is not allowed
Execution process type	Role ID	Role name
Register		Role_A
Register		Role_B
-		

Export

Start Export

Download Zip file

Edit and save file

Import

Execution process type	Role name
Register	Role_A
Register	Role_B

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
- ② Open the file and open > Basic console > Operation list (Excel file)
 - ① Edit the file so it matches the picture below and save it.



Execution process type	Discard	No.	Operation ID	Operation name
	x	x	x	•
	x	x	x	•
	x	x	x	x
	x	x	x	x
	NG	NG	NG	NG
Select processing type.	Discard flag. Cannot do operation other than restore.	Cannot edit because of	Operation ID (auto numbering)	[Maximum length 256 bytes]

Execution registration type	Operation name	Scheduled execution date
Register	OP2	(Free value)
Register	OP3	(Free value)
Register	OP4	(Free value)

Execution process type	Discard	No.	Operation ID	Operation name	Scheduled date for execution
Register				OP_1	
Register				OP_2	
Register				OP_3	

3.5 Excel bulk import (1/3)

Start excel bulk import

Upload the zip file and start importing

Menu : **Export/Import > Excel bulk import**

Export

Edit and save file

Import

Start Import

Check results

The screenshot displays the Exastro IT Automation 'Export/Import' interface. The left sidebar shows the 'Menu' section expanded, with 'Excel Bulk Import' selected. The main content area is divided into 'Description' and 'Upload' sections. The 'Upload' section has a 'Choose File' button and an 'Upload' button, with a red callout '1' pointing to the 'Upload' button and the text 'Upload the edited zip file'. Below this is the 'Import' section, which includes a table of import targets. A red callout '2' points to the 'All menus' checkbox, with the text 'Check "All menus"'. The table lists various import targets with their IDs and file names. A red callout '3' points to the 'Import' button at the bottom, with the text 'Press the "Import" button'.

Export/Import

User name [System Admin] Login ID [1234567890] Change password

Menu

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

Description

Upload

Choose File No file chosen

Upload 1 Upload the edited zip file

Import Close

☒ All menus

Import target	Menu group	Menu list	ID	File name	Error
<input checked="" type="checkbox"/>	Management	Menu list	2100000205	Menu_20211209172933.xlsx	
<input checked="" type="checkbox"/>	Management		2100000207	Role_20211209172935.xlsx	
<input checked="" type="checkbox"/>	Management Conso		2100000208	User_20211209172936.xlsx	
<input checked="" type="checkbox"/>	CI/CD for IaC	Re	2100000209	Role_menu link list_20211209172937.xlsx	
<input checked="" type="checkbox"/>	CI/CD for IaC	Fi	2100000210	Role_user link list_20211209172939.xlsx	
			2100000215	File deletion management_20211209172940.xlsx	

Import 3 Press the "Import" button

Contact administrator

3.5 Excel bulk import (2/3)

Check the Import status and the Registration result

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

Menu : **Export/Import >**

Excel export/import list

The screenshot shows the 'Excel export/import list' interface. On the left is a 'Menu' sidebar with options like 'Main menu', 'Export menu', 'Import menu', and 'Excel Bulk Export'. The main area has a 'Description' section with a 'Display filter' dropdown set to 'Exclude discarded records'. Below this is a table with columns: 'Discard', 'Execution No.', 'Status', 'Execution type', 'Abolition data', and 'Execut'. The 'Status' column shows '5 Completed'. A red box highlights the 'Filter' button with a callout '1 Press "Filter"'. Another red box highlights the 'Status' column with a callout '2 Check that the status says: Completed'. A third red box highlights the 'Result file' column with a callout '3 Download Log file'.

A vertical navigation menu with a blue background and white buttons. The buttons are: 'Export', 'Edit and save file', 'Import', 'Start Import', and 'Check results'. A yellow arrow points downwards on the left side of the menu.

Inside the Log file

```
210000002_Management Console:2100000207_Role list  
Input file:Role_20211209172935.xlsx
```

```
Register: 2Record  
Update: 0Record  
Discard: 0Record  
Restore: 0Record  
Error: 0Record
```

```
210000003_Basic Console:2100000304_Operation list  
Input file:Operation list information_20211209172945.xlsx
```

```
Register: 3Record  
Update: 0Record  
Discard: 0Record  
Restore: 0Record  
Error: 0Record
```

4 Check the number of registrations

3.5 Excel bulk import (3/3)

Check registered contents

Check that the registered contents are being displayed.

Menu : **Management console > Role list**

Exastro IT Automation Management Console

Menu

- Main menu
- System settings
- Menu group list
- Menu list
- Role list**
- User list
- Role - Menu link list
- Role - User link list
- File delete list
- Sequence list
- Single-sign-on Basic Preference
- Single-sign-on Attribute Preference
- version

Role list

Discard: Exclude discarded records (dropdown)

Role ID: Search from pulldown

Role name: Search from pulldown

Access permission: Role to allow access (dropdown)

Remarks: Search from pulldown

Last update date/time: Search from pulldown

Filter (button) **Clear filter** (button)

1 Press "Filter"

List/Update

History	Duplicate	Update	Discard	Role ID	Role name	User information	Menu information	Access permission	Remarks	Last update date/time	Last update user
History	Duplicate	Update	Discard	5	Role_A	User information	Menu information	Role to allow access		2021/12/09 18:42:51	System Administrator
History	Duplicate	Update	Discard	6	Role_B	User information	Menu information	Role to allow access		2021/12/09 18:42:51	System Administrator

Filter result count: 2

2 Check that all the registered items show up

Output Excel (button)

Contact administrator

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**

Exastro IT Automation Basic Console

Menu

- Main menu
- Device list
- Operation list
- Movement list
- ER Diagram
- ER Diagram Menu List
- ER Diagram Item List

Description

Display filter

Discard: Exclude discarded records (dropdown)
No.: ~ (input)
Operation ID: ~ (input)
Operation name: ~ (input)
Scheduled date: ~ (input)
Last up: ~ (input)

Filter (highlighted with red box and arrow 1) **Clear filter**

☒ Auto-filter

List/Update

History	Duplicate	Update	Discard	No.	Operation ID	Operation name	Scheduled date for execution	Last execution date	Access p	La
History	Duplicate	Update	Discard	9	9	OP_1	2021/12/09 17:29			202
History	Duplicate	Update	Discard	10	10	OP_2	2021/12/09 17:29			202
History	Duplicate	Update	Discard	11	11	OP_3	2021/12/09 17:29			202

Filter result count: 3

Output Excel

Contact administrator

Export

Edit and save file

Import

Start Import

Check results



Exastro