



IT Automation

Export/Import

【Tutorial】

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

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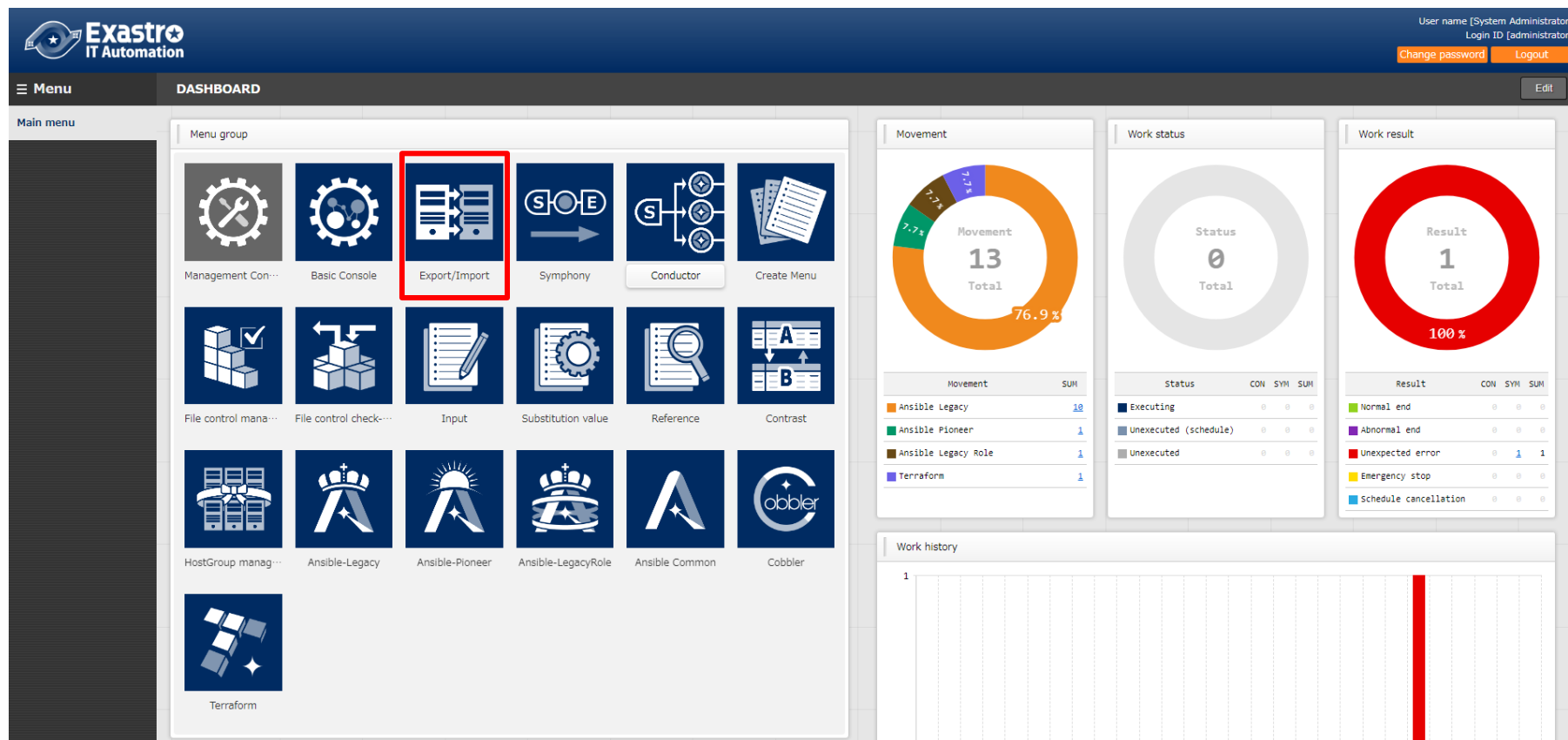
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2. Export/Import function

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.



The screenshot displays the Exastro IT Automation dashboard. The top navigation bar includes the Exastro logo, user information (System Administrator), and links for 'Change password' and 'Logout'. The main menu on the left lists various functions, with 'Export/Import' highlighted by a red box. The dashboard itself features several widgets: a 'Movement' donut chart showing 13 total movements with a 76.9% completion rate; a 'Work status' gauge showing 0 total status; a 'Work result' gauge showing 1 total result with 100% completion; and a 'Work history' table with one entry. The 'Export/Import' menu item is located in the 'Menu group' section of the main menu.

Movement	SUM
Ansible Legacy	10
Ansible Pioneer	1
Ansible Legacy Role	1
Terraform	1

Status	CON	SYN	SUM
Executing	0	0	0
Unexecuted (schedule)	0	0	0
Unexecuted	0	0	0

Result	CON	SYN	SUM
Normal end	0	0	0
Abnormal end	0	0	0
Unexpected error	0	1	1
Emergency stop	0	0	0
Schedule cancellation	0	0	0

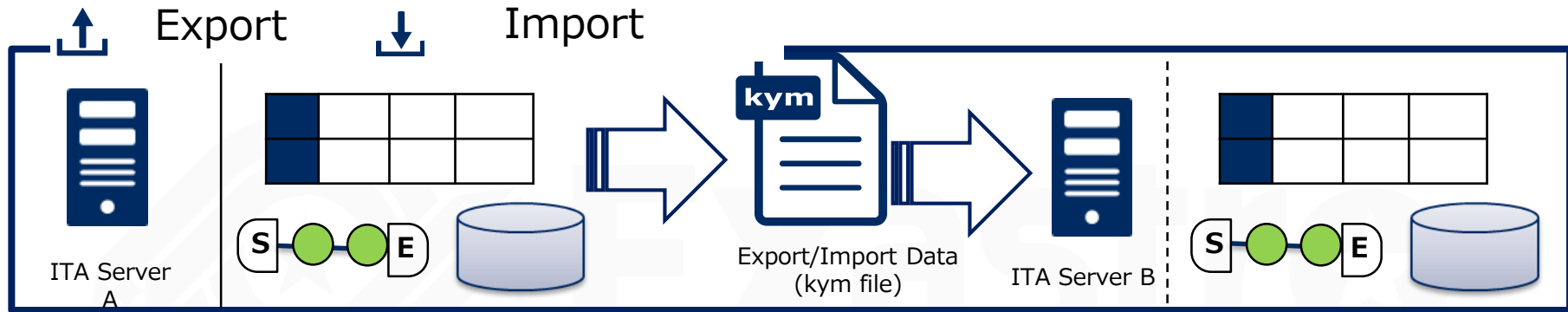
Work history
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2. Export/Import function

2.1 Overview

Overview of Export/Import function

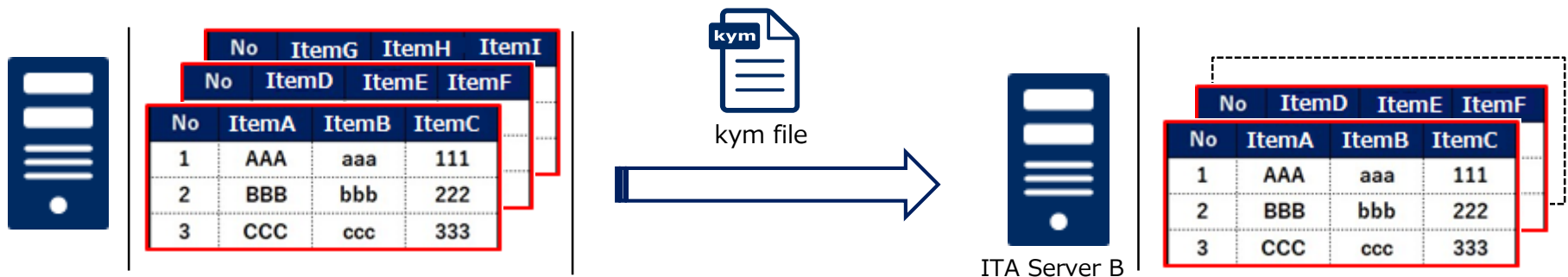
By using the "Export/Import" function, users can move Data registered in one ITA System (Parameter sheets, Conductor, Playbooks, etc) to a different ITA server.



Figure



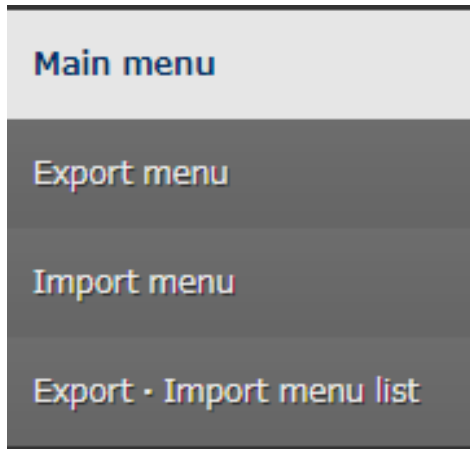
I want to move only the required menus from the test environment to the main environment (ITA Server B)



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]
[Change password](#) [Logout](#)

Menu

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

Description ▽Open

Export △Close

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

☐ **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

File control management

- ☐ Interface information
- ☐ File link list (Terraform)
- ☐ Directory master
- ☐ File master
- ☐ File link list (Ansible)

File control check-in/check-out

Contrast

- ☐ Contrast list

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 shows 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 the title 'Export/Import'. In the top right corner, there is a user information bar showing 'User name [System Administrator]' and 'Login ID [administrator]', with 'Change password' and 'Logout' buttons. The main content area is split into two sections: 'Description' and 'Upload'. The 'Description' section has a 'Description' label and a '▽Open' button. The 'Upload' section has an 'Upload' label and a '△Close' button. Below the 'Upload' label, there is a 'Choose File' button and a 'No file chosen' text. An orange 'Upload' button is located below the 'Choose File' button. A red box highlights the 'Choose File' button and the 'Upload' button. A callout box points to these buttons with the text 'Use these buttons to upload kym files'. Below the 'Upload' section, there is an 'Import' section. It contains a 'Mode' section with 'Environment migration' and 'Normal' radio buttons. There are also 'Time specification' and 'Without disuse data' radio buttons. Below the 'Mode' section, there is a list of checkboxes: 'All menus' (checked), 'Management Console' (checked), 'System settings' (checked), 'IP address filter list' (checked), 'Menu group list' (checked), 'Menu list' (checked), 'Contrast list' (checked), and 'Contrast details' (checked). A red box highlights the 'Import' button at the bottom of the 'Import' section. A callout box points to this button with the text 'Click here to start the Import.'.

Exastro IT Automation Export/Import

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

Menu

Main menu
Export menu
Import menu
Export - Import menu list

Description

Upload

Choose File No file chosen

Upload

Use these buttons to upload kym files

Import

Mode

Environment migration
Abolition data Normal

Time specification
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 a 'Search from pulldown' button), 'Status' (with a 'Search from pulldown' button), 'Execution type' (with a 'Search from pulldown' button), 'Mode' (with a 'Search from pulldown' button), 'Abolition' (with a 'Search from pulldown' button), 'Last update date/time' (with a range selector and a 'Search from pulldown' button), and 'Last updated by' (with a 'Search from pulldown' button). There are 'Filter' and 'Clear Filter' buttons, and an 'Auto-filter' checkbox which 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 'History' status and 'Completed' status. The first row has 'Export' type, 'Environment migration' mode, 'Normal' abolition data, and a file name 'ita_exportdata_20210622191424.kym'. The second row has 'Export' type, 'Environment migration' mode, 'Normal' abolition data, and a file name 'ita_exportdata_20210622191424.kym'. Below the table is a 'Filter result count: 2' label. At the bottom is a 'Trace history' header with a '▽Open' button. Three callout boxes with arrows point to specific elements: the first points to the 'Status' column header with the text 'Check the status here. It will go from "Not Executed" to "Executing" and lastly "Completed".'; the second points to the 'Mode' and 'Abolition data' columns with the text 'See here for mode and Abolition data status'; the third points to the 'File name' column with the text 'Check/Download the export/import file here'.

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 pulldown

Last update date/time: ~ Search from pulldown

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		ita_exportdata_20210622191424.kym	2021/06/22 19:14:24	Data portability procedure
History	2	Completed	Export	Environment migration	Normal		ita_exportdata_20210622191424.kym		

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

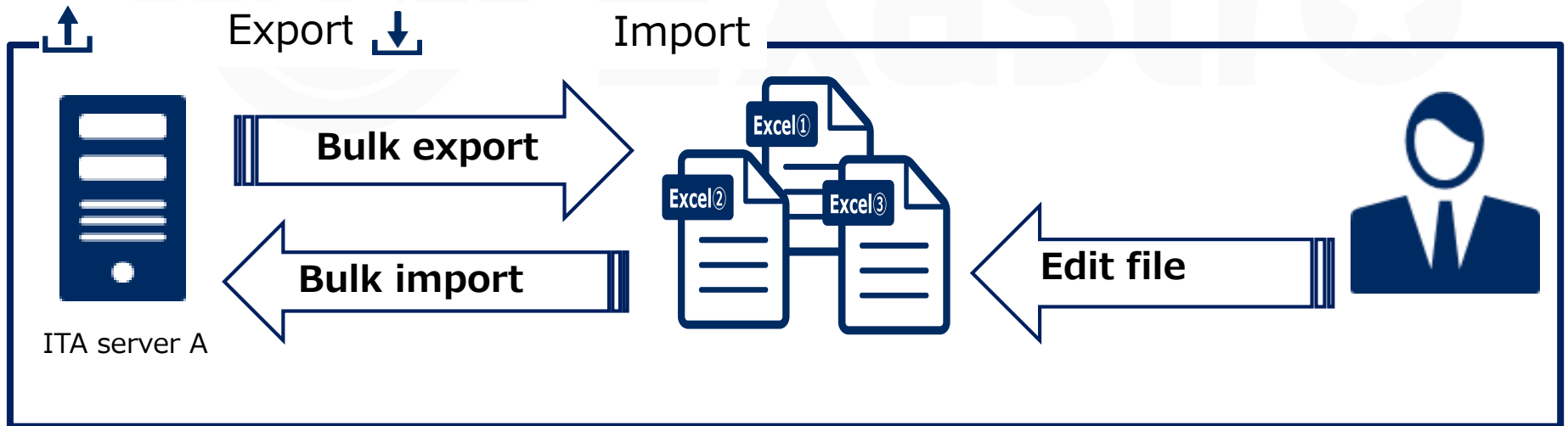
3.1 Overview

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 'Export/Import' interface of the Exastro IT Automation system. The top header shows the user name 'System Administrator' and login ID 'administrator', with buttons for 'Change password' and 'Logout'. The sidebar menu on the left includes '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 a '▽Open' button. Below this, there are radio buttons for 'Abolition data', 'All records', 'Exclude discarded record' (selected), and 'Only discarded records'. The 'Excel Bulk Export' section is active, showing a list of menus to export. The 'All menus' section is expanded, revealing three categories: 'Management Console', 'Basic Console', and 'Create Menu'. Each category contains several checkboxes for specific menu items. A callout box points to the 'Management Console' section, stating 'Select what menus to export'. Another callout box points to the 'Export' button, stating 'Press "Export" to export.'.

Exastro IT Automation Export/Import

User name [System Administrator]
Login ID [administrator]
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

Abolition data ☐ All records ☒ Exclude discarded record ☐ Only discarded records

☐ All menus

☒ Management Console

☐ System settings ☐ Menu group list ☐ Menu list ☐ Role list

☐ User list ☐ Role - Menu link list ☐ Role - User link list ☐ File delete list

☐ Single-sign-on Basic Preference ☐ Single-sign-on Attribute Preference

☒ Basic Console

☐ Device list ☐ Operation list ☐ Movement list ☐ ER Diagram Menu List

☐ ER Diagram Item List

☒ Create Menu

☐ Menu definition information ☐ Menu creation history ☐ Reference Item

☐ Selection 2

☒ CI/CD for IaC

☐ Interface information ☐ File link

Export

Select what menus to export

Press "Export" to export.

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: 'Description' and 'Upload'. 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 and an annotation 'Upload Zip file'). Below this is an 'Import' tab (highlighted with a blue box and an annotation 'Select what menus to import.'). The 'Import' tab shows a table with columns: Import target, Menu group, Menu, Menu Id, File name, and Error. The table lists six items, all with 'All menus' checked. Below the table is an 'Import' button (highlighted with a red box and an annotation 'Press "Import" to import.').

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	

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.	File name	Result file
History	1	ITA FILES_20210906163722.zip	2
History	2		2

Download and extract files

種類

ファイルフォルダー

2100000002_Management Console

2100000003_Basic Console

2100011601_Create Menu

2100011610_Input

2100011611_Substitution value

2100011612_Reference

2100011701_HostGroup management

2100020000_Ansible Common

2100020001_Ansible-Legacy

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
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

Exported/Imported content (File folder)

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	
History		Completed	export		administrator	ITA FILES 20210906163722.zip	ResultData 4.log	2021/12/09 17:29	

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