

OpenRIMS. Import workflow configuration from another server

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Motivation

In some cases, workflows defined on one OpenRIMS server may be useful on another. The usage export/import to Excel is difficult and requires super accuracy from the Supervisor. The OpenRIMS software features to connect to the server and import a workflow configuration from it.

This manual is intended for a Supervisor User and covers the workflow import UX and configuration.

Importing a workflow

Only the Supervisor User can import a workflow. The feature can be found on “Administrate-Import-Import workflow”. To import a workflow the Supervisor User should use the feature for the following tasks:

1. Connect to the source OpenRIMS server
2. Select a workflow to import
3. Import the workflow to the target server

After the successful importing, the post-importing tasks should be completed:

1. Upload files to resources defined for the workflow, if one
2. Assign access to the imported workflow to appropriate NRA users
3. Consider which workflows should be also imported or configured

The details are below. Please note that the data in the screenshots is for example only.

Connecting to the source server

Administrate Authorities and Users ▾ Processes ▾ Configurations ▾ System Data ▾ System settings ▾ Back

Clone Workflow

Server's URL

https://pharmadex.irka.in.ua



Connect

Help

Cancel

Figure 1 Input the address and press the "Connect" button

Administrate Authorities and Users ▾ Processes ▾ Configurations ▾ System Data ▾ System settings ▾ Back

Clone Workflow

Server's URL

https://pharmadex.irka.in.ua



Connect

Help

Cancel

Processes

	Name ↓	Additional information
<input type="checkbox"/>	De-registration	
<input type="checkbox"/>	Guest	First time applications
<input type="checkbox"/>	Host	Renew, Suspend, Amendments, Cancel
<input type="checkbox"/>	inspections	
<input type="checkbox"/>	Modification	
<input type="checkbox"/>	Shutdown	Cancel the license, authorization, etc

4 ▾

Figure 2 Connected. A list of processes is available

In OpenRIMS, the list of possible processes is always the same on any server. However, names and descriptions of processes are configurable. Thus, to avoid possible difficulties, the list of processes is from the target server.

Running the import

Each process groups workflows by a goal. For example, the goal of "de-registration" is possible for certificates issued to medicinal products, pharmacies, manufacturers, etc. The import feature allows running the import only one workflow, at once.

Administratе Authorities and Users Processes Configurations System Data System settings Back

Clone Workflow

Server's URL ☒

Processes

Name	Additional information
<input type="checkbox"/> De-registration	
<input checked="" type="checkbox"/> Guest	First time applications
<input type="checkbox"/> Host	Renew, Suspend, Amendments, Cancel
<input type="checkbox"/> Inspections	
<input type="checkbox"/> Modification	
<input type="checkbox"/> Shutdown	Cancel the license, authorization, etc

4

Workflows

Search ☐ Selected only

Name	Additional information
<input checked="" type="checkbox"/> New Retail Pharmacy - Individually Owned	Application for New Retail Pharmacy registration, where the pharmacy is owned by up to 5 individuals.
<input type="checkbox"/> Transition Retail Pharmacy - Individual Owned	Renewal of existing individual owned pharmacy, if the pharmacy is currently registered in DAMS (The old DDA system). Transitioning from from DAMS to Pharmadex. Pharmacies registered in Pharmadex that are ready for renewal should go to the "To Do" section
<input type="checkbox"/> New Retail Pharmacy - Company Owned	Application for New Retail Pharmacy registration, where the pharmacy is owned by a company (PVT. Ltd)
<input type="checkbox"/> Transition Retail Pharmacy - Company Owned	Renewal of existing company owned pharmacy if the pharmacy is currently registered in DAMS (The old DDA system). Transitioning from Dams to Pharmadex. Pharmacies registered in Pharmadex which is ready for renewal, should check the "ToDo" where the renewal should be initiated.

Figure 3 Select a workflow and press the "Run" button

The right table contains a list of workflows that are defined in the source, but not defined in the target server. To determine which workflows are already defined, the import feature uses the URL of the workflow.

Administratе Authorities and Users Processes Configurations System Data System settings Back

Processes / Workflows

Workflow Guide Processes

Processes

Name	Additional information
<input type="checkbox"/> Amendment Type	
<input type="checkbox"/> De-registration	
<input checked="" type="checkbox"/> Guest	First time applications
<input type="checkbox"/> Host	Inspection, Renew
<input type="checkbox"/> Inspections	
<input type="checkbox"/> Shutdown	Cancel the license, authorization, etc

4

Client Applications

Name

New Marketing Authorization Application

Additional information

url marketing.auth

Application URL application.marketing.auth

Data Configuration URL marketing.auth

Checklist Dictionary URL dictionary.checklist.marketing.auth

Figure 4 The URL of the workflow

Tracking the importing

When importing is running, the application screen is dimmed to avoid any other actions. Despite this, the protocol table at the bottom of the screen displays the progress¹.

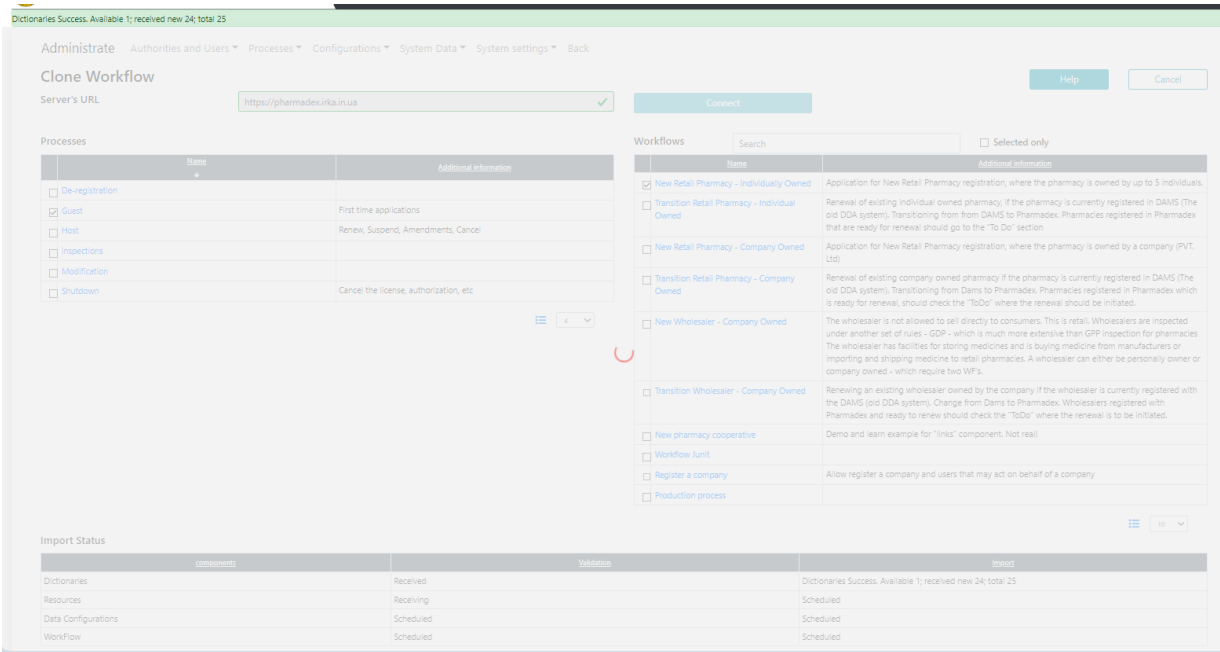


Figure 5 Import is running. It may take a long time. The bottom table is a protocol

¹ It is not convenient and will be improved in the following release.

The result

Administrate Authorities and Users ▾ Processes ▾ Configurations ▾ System Data ▾ System settings ▾ Back

Clone Workflow

Server's URL

https://pharmadex.irka.in.ua ✓

Connect

Help

Cancel

Processes

	Name ↓	Additional information
<input type="checkbox"/>	De-registration	
<input type="checkbox"/>	Guest	First time applications
<input type="checkbox"/>	Host	Renew, Suspend, Amendments, Cancel
<input type="checkbox"/>	Inspections	
<input type="checkbox"/>	Modification	
<input type="checkbox"/>	Shutdown	Cancel the license, authorization, etc

4 ▾

Workflows

Search

☐ Selected only

	Name	Additional information

10 ▾

Import Status

components	Validation	Import
Dictionaries	Received	Dictionaries Success. Available 1; received new 24; total 25
Resources	Received	Resources Success. Available 1; received new 4; total 5
Data Configurations	Received	Data Configurations Success. Available 0; received new 17; total 17
WorkFlow	Received	WorkFlow Success. Available 0; received new 1; total 1

10 ▾

Figure 6 After the importing, the protocol will contain summary data

Administrate Authorities and Users ▾ Processes ▾ Configurations ▾ System Data ▾ System settings ▾ Back

Processes / Workflows

Workflow Guide

Dictionaries

Cancel

Processes

	Name ↓	Additional information
<input type="checkbox"/>	Amendment Type	
<input type="checkbox"/>	De-registration	
<input checked="" type="checkbox"/>	Guest	First time applications
<input type="checkbox"/>	Host	Inspection, Renew
<input type="checkbox"/>	Inspections	
<input type="checkbox"/>	Shutdown	Cancel the license, authorization, etc

4 ▾

Client Applications

	Name ↓	Additional information
<input type="checkbox"/>	New Retail Pharmacy - Individually Owned	Application for New Retail Pharmacy registration, where the pharmacy is owned by up to 5 individuals.
<input type="checkbox"/>	New Marketing Authorization Application	

4 ▾

Figure 7 The imported process is available in the target server

Post-importing

Just after the importing the imported workflow must be adapted to the target server environment. The automation of it is impossible and, thus should be performed manually.

File Resources

The imported workflow contains configurations of electronic form. An electronic form may contain file downloader components “resources”. For these components files should be downloaded manually for each language using the feature “Administrate-Configuration-Resources”

User’s Access

Initially, NRA employees haven’t access to the workflow. The OpenRIMS feature “Administrate-Authorities and Users-Manage” allows set access NRA employees to the workflow just imported.

The access should consider employee’s roles and NRA branches.

Related workflows

The same application data may be served by other processes. For example:

The “Pharmacy certification” application data and the related certificate may be:

- Modified
- Inspected
- Renewed
- Revoked
- De-registered or canceled

The goals above require definitions of appropriate workflows in the target server. These definitions can be imported from the source server or defined manually.

resources.help.impconfigprocess

Annex 1 Source server configuration

By default, the OpenRIMS server doesn't allow connect to import workflow. To allow it, the following line should be added to the application.properties:

```
pharmadex.allow.process.import=true
```

The connection is not password-protected. The entry points can be found under /api/public/importwf/*

The connection locale is always EN_US.