

# Perceptive DataTransfer

API Guide

Version: 6.4.x



**perceptive**software

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## Introduction

This document describes the Perceptive DataTransfer API.

Refer to the following topics for more information.

- [Authentication Request on page 4.](#)
- [Get User Data Request on page 4.](#)
- [List Recurring Jobs Request on page 5.](#)
- [Start Manual Job Request on page 6.](#)

## Authentication Request

This request attempts authentication of a user with Perceptive DataTransfer using the supplied username and password. It either returns a jsessionid or a message indicating that the attempt was not successful. When the authentication request is successful, the response includes a cookie with the jsession for the new session.

### URL

`<Perceptive DataTransfer_URL>/j_spring_security_check`

### URL Parameters

- `j_username`: *Required*. Username of the user to authenticate with Perceptive DataTransfer.
- `j_password`: *Required*. Password of the user.

### Method

POST

## Get User Data Request

This request returns a list of all Perceptive DataTransfer users that match the supplied name. This request requires authentication. Use the authentication request (refer to [Authentication Request on page 4](#)) to obtain the jsessionid and pass the jsessionid into the HTTP request.

### URL

`<Perceptive DataTransfer_URL>/handler/datatransfer/api/GetUserData?username=<username>`

### URL Parameters

- `username`: *Required*. Username of the user for which to find Perceptive DataTransfer information.

### Method

GET

## List Recurring Jobs Request

This request returns a list of recurring jobs for a workspace, based on the parameters passed into the request. This request requires authentication. Use the authentication request (refer to [Authentication Request on page 4](#)) to obtain the jsessionid and pass the jsessionid into the HTTP request.

### URL

```
<Perceptive DataTransfer_URL>/handler/datatransfer/api/
ListRecurringJobs?userCode=<userCode>&workspaceCode=<workspaceCode>&type=<TYPE>
```

### URL Parameters

- *userCode*: *Optional*. Numeric code of the user currently logged in to Perceptive DataTransfer.
- *workspaceCode*: *Optional*. Numeric code of the workspace currently being used in Perceptive DataTransfer.
- *Type*: *Optional*. Type of job. This parameter returns jobs of only the specified type. If you do not provide a valid type, this parameter is not used. Values can be: *DAILY*, *WEEKLY*, *MONTHLYDAY*, *MONTHLYWEEKDAY*, *MANUAL*, or *AUTO*. Values are not case-sensitive.
- The request returns specific information, depending on whether you supply values for the *userCode* and *workspaceCode* parameters. See the following table for more information.

**Table 1: List Recurring Jobs Request Results**

userCode Value Supplied?	workspaceCode Value Supplied?	Result
No	No	The list of recurring jobs is returned for the default usercode of the user logged in to Perceptive DataTransfer, and the workspace code for the user's workspace.  If the default user is a superuser, an empty list is returned.
Yes	No	The request attempts to find a user and workspace for the supplied user code. If the specified user is a superuser, the request returns an empty list.
No	Yes	The request obtains the username of the user logged in to Perceptive DataTransfer. It iterates through all users with the matching username until it finds the first user that has a workspace code that matches the provided code.
Yes	Yes	The request attempts to find a user with the matching user code and also the user's workspace.  If the user is a superuser, the request returns an empty list.  The workspace code value is not used, because it is not required.

**Method**

GET

## Start Manual Job Request

This request attempts to start a manual job with the supplied job code. If the job is deleted, disabled, or not a manual job, the request returns an error. The request also returns the results of the attempt to start the job. This request requires authentication. Use the authentication request (refer to [Authentication Request on page 4](#)) to obtain the jsessionid and pass the jsessionid into the HTTP request.

**URL**

```
<Perceptive DataTransfer_URL>/handler/datatransfer/api/  
StartManualJob?recurringJobCode=<recurringJobCode>
```

**URL Parameters**

- recurringJobCode: *Required*. Numeric code of the job to manually start.

**Method**

GET