

# Resource-Uploader – API Description



---

## Contents

---

<b>CONTENTS .....</b>	<b>2</b>
<b>REVISION HISTORY .....</b>	<b>3</b>
<b>PURPOSE AND AUDIENCE .....</b>	<b>3</b>
<b>INTRODUCTION .....</b>	<b>4</b>
<b>API DESCRIPTION .....</b>	<b>4</b>
<i>Path</i> 4	
<b>RESOURCE DATA PROTECTION .....</b>	<b>5</b>

---

## Revision History

---

Version Number	Date	Author/Owner	Description of Change
1.0	02.12.2022	Rudolf Dittrich	Baseline Version

## Purpose and Audience

---

This document contains information about the Resource-Uploader HTTP endpoint which can be used to upload resource files for different purposes.

Target Audience: Development and integration teams which want to use this endpoint.

## Introduction

The Resource-Uploader Service provides an HTTP endpoint which can be used to upload resource files, e.g. whitelists. Such resources like whitelists are used by BLU DELTA to find certain details, like an “approver” on documents.

## API Description

Path

**TBD: The base URL still must be defined and will be provided later**

POST **/v1/Resource**

Resource File Uploader - upload whitelists used to find certain details on a document. Authentication is required

Uploads a csv based, tab-separated resource file. The file must be encoded in UTF-8. Moreover, the first column should hold the identifier and the remaining columns should hold hints used to identify a certain detail on the document.

Example: | ApproverId | FirstName | LastName | EmailAddress |

*Parameters*

Type	Name	Description	Schema
header	<b>X-ApiKey</b> <i>(required)</i>	APIKey needed for authentication	string
header	<b>X-ApiIdentifier</b> <i>(optional)</i>		string

*Consumes*

This API call consumes the following media types via the Content-Type request header:

- `multipart/form-data`

*Form parameters*

Type	Name	Description	Schema
<b>Form.Parameter</b>	<b>Name</b> <i>(required)</i>	The name of the resource. Only certain names provided by the Bludelta team are valid.	string
<b>Form.Parameter</b>	<b>Document</b> <i>(required)</i>	The csv document to be uploaded, tab separated, and UTF-8 encoded.	binary

### Responses

Code	Description	Links
<b>200</b>	Success  The document was successfully uploaded. The uploaded document overrides an existing one.	No Links
<b>400</b>	Bad Request <ul style="list-style-type: none"> <li>- invalid file format</li> <li>- invalid Name</li> <li>- request validation checks</li> </ul> Content - ProblemDetails  <b>application/json</b>	No Links
<b>401</b>	Unauthorized <ul style="list-style-type: none"> <li>- invalid API-Key</li> <li>- invalid API-Identifier Key</li> </ul> Content - ProblemDetails  <b>application/json</b>	No Links

### ProblemDetails

#### Properties

Name	Description	Schema
message	The reason, e.g. "Unknown Resource Name" or "Invalid File Format"	string
statusCode	Http Error Code	Integer (Int32)

## Resource Data Protection

Uploaded resources are stored as Blobs in a dedicated Azure Blob Storage. This storage is only accessible from private endpoints. Standard data protection mechanisms like secure transfer (https) to the storage account, usage of Microsoft Defender and so forth are activated.

*IMPORTANT: It should also be noted that the uploaded documents are stored as plain text, i.e. they are not additionally encrypted and are therefore readable for all those who have access rights to the blob Azure storage.*