



## **ISoftStone S3 Bulk Importer Add-on Installation Guide**



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## Introduction

**ISoftStone S3 Bulk Importer add-on** lets Digital Asset Management (DAM) teams import assets from various sources such as Amazon S3 to your company's Nuxeo server. See the Nuxeo Platform documentation for a list of the [supported file formats](#).

This guide describes the installation and configuration information. See the user guide for more documentation.

After the Bulk Importer add-on is installed and configured properly, users with the proper permissions can import the files from your Amazon S3 server to other servers. The original import directories must be the folder on the server.

## Prerequisites

Before using this add-on, you must have the following software installed.

- LTS 2019 with hotfix 55 and above or LTS 2021 with hotfix 20 and above
- Nuxeo Web UI
- Amazon S3 online storage add-on

## Licensing

No additional subscription is required. We do not issue an extra license, but we expect users of the Bulk Importer add-on to already have Nuxeo licenses and Apache License, Version 2.0.



## Installing the Bulk Importer Add-on

Follow these steps to get started:

1. On the [Nuxeo Marketplace](#) page, select ISoftStone S3 Bulk Importer.
2. On the Detail page, click the **Install** button.
3. Install the Bulk Importer add-on by following the instructions for one of these methods:
  - a. Online installation through the Nuxeo JSF UI by uploading the zip package.
  - b. Offline installation by using the `nuxeoctl` script.

For both methods, you must install from the server where your Nuxeo instance is installed. All the commands listed in the instructions can be executed from your Nuxeo server `bin` folder. Nuxeo must be restarted to complete the installation.

### Online Installation

The following steps describe how to install the bulk importer online with the Nuxeo UI. Online installation should only be used if the add-on is available in the [Nuxeo Marketplace](#).

1. Stop the Nuxeo server with the following command:

```
./nuxeoctl stop
```
2. Get the name or ID of the bulk import package, for example, `iss-bulk-importer-package-1.0.0`.
3. Install the package by running the following script:

```
./nuxeoctl mp-install iss-bulk-importer-package-1.0.0
```
4. Start the Nuxeo server with the following command:

```
./nuxeoctl start
```

### Offline Installation

#### Using the `nuxeoctl` script

The following steps describe how to install the bulk importer offline with the `nuxeoctl` script.

1. Download the package from the [Nuxeo Marketplace](#).
2. Stop the Nuxeo server with the following command:

```
./nuxeoctl stop
```
3. Install the package by providing the path to the downloaded zip file, for example:

```
./nuxeoctl mp-install /<zip file location>/iss-bulk-importer-package-1.0.0.zip
```
4. Start the Nuxeo server with the following command:

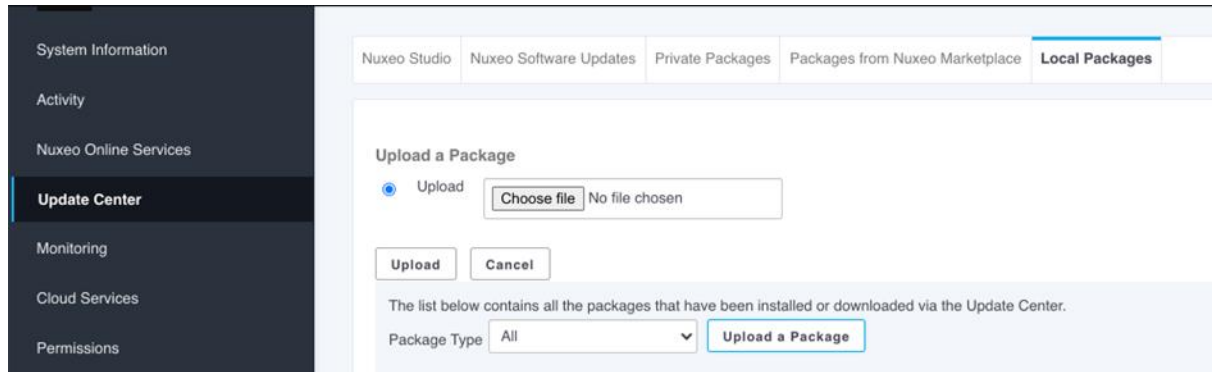
```
./nuxeoctl start
```

#### Using the Nuxeo JSF UI

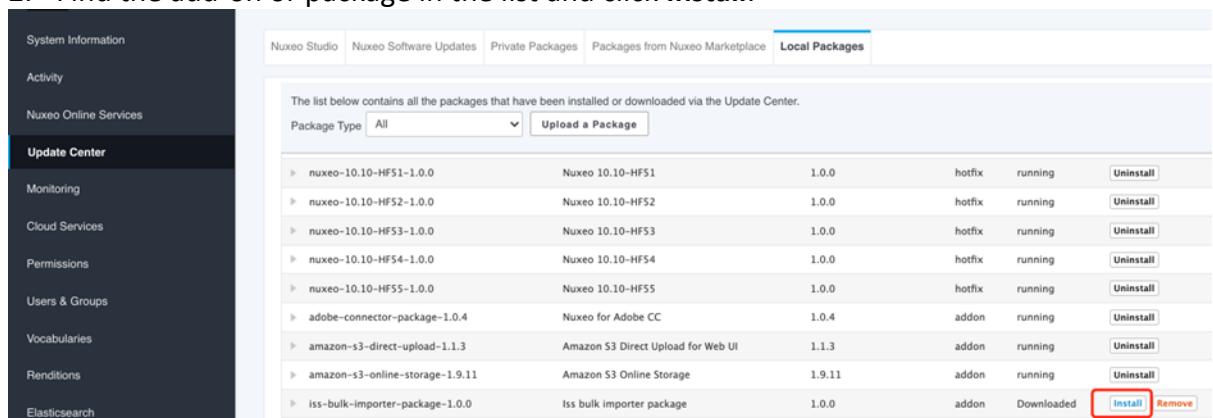
The following steps describe how to install the bulk importer offline with the Nuxeo JSF UI.



1. Select the **Local Packages** tab from the Nuexo Update Center and then click **Upload a Package** to upload the zip file.



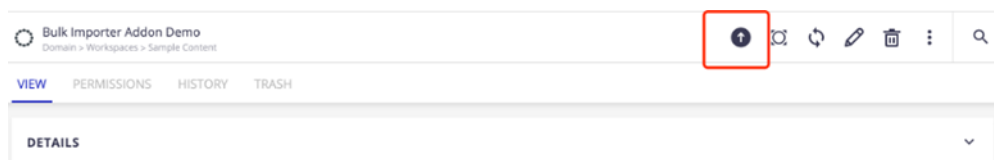
2. Find the add-on or package in the list and click **Install**.



## Configuration Requirements

Before starting the configuration, the following must be installed on your system:

- Nuxeo instance with 2021 version or 2019 version
- ISoftStone Bulk Importer add-on—as indicated by the Bulk Importer button shown below



## Configuration File

All the required configuration information is in the **nuxeo.conf** file. The source bucket contains the folders and files that are expected to be imported, and then they are copied to the transient bucket, the final destination bucket where the imported files are located.



### Configuration Properties

You can update multiple properties in the `nuxeo.conf` file to fit your needs. The configuration file has 8 mandatory properties—the rest are optional. The following is a list of the configuration properties.

Property	Optional/Mandatory	Description
<code>nuxeo.s3storage.import.source.awsid</code> (or <code>nuxeo.s3storage.awsid</code> )	Mandatory	AWS access key id
<code>nuxeo.s3storage.import.source.awssecret</code> (or <code>nuxeo.s3storage.awssecret</code> )	Mandatory	AWS access secret key
<code>nuxeo.s3storage.import.source.awstoken</code>	Optional	AWS session token
<code>nuxeo.s3storage.import.source.region</code>	Mandatory	The region code the source S3 bucket will be placed in
<code>nuxeo.s3storage.import.source.bucket</code>	Mandatory	The name of the source S3 bucket
<code>nuxeo.s3storage.import.source.bucket_prefix</code>	Optional	Source S3 bucket prefix
<code>nuxeo.s3storage.import.source.endpoint</code>	Optional	If using an S3-compatible storage service, probably will need to set the endpoint param
<code>nuxeo.s3storage.import.source.pathstyleaccess</code>	Optional	If true, use path-style access. Default is 'false'.
<code>nuxeo.s3storage.import.source.accelerateMode</code>	Optional	If true, use S3 accelerate. Default is false.
<code>nuxeo.s3storage.import.source.cachesize</code>	Optional	The size of the local cache (default is 100MB)
<code>nuxeo.s3storage.import.source.connection.timeout</code>	Optional	Connection timeout, default is 50*1000 = 50s
<code>nuxeo.s3storage.import.source.socket.timeout</code>	Optional	Socket timeout, default is 50*1000 = 50s
<code>nuxeo.s3storage.import.source.singlepart.maxsize</code>	Optional	The maximum size of a file that can be copied without using multipart: 5 GB
<code>nuxeo.s3storage.import.source.trace.level</code>	Optional	The log trace level
<code>nuxeo.s3storage.import.transient.awsid</code> (or <code>nuxeo.s3storage.awsid</code> )	Mandatory	AWS access key id
<code>nuxeo.s3storage.import.transient.awssecret</code> (or <code>nuxeo.s3storage.awssecret</code> )	Mandatory	AWS access secret key



Property	Optional/Mandatory	Description
nuxeo.s3storage.import.transient.aws.token	Optional	AWS session token
nuxeo.s3storage.import.transient.region	Mandatory	The region code the source S3 bucket will be placed in
nuxeo.s3storage.import.transient.bucket	Mandatory	The name of the source S3 bucket
nuxeo.s3storage.import.transient.bucket_prefix	Optional	Source S3 bucket prefix
nuxeo.s3storage.import.transient.endpoint	Optional	If using an S3-compatible storage service, probably will need to set the endpoint param
nuxeo.s3storage.import.transient.pathstyleaccess	Optional	If true, use path-style access. Default is 'false'.
nuxeo.s3storage.import.transient.accelerateMode	Optional	If true, use S3 accelerate. Default is false.
nuxeo.s3storage.import.transient.cacheSize	Optional	The size of the local cache (default is 100MB)
nuxeo.s3storage.import.transient.connection.timeout	Optional	Connection timeout, default is 50*1000 = 50s
nuxeo.s3storage.import.transient.socket.timeout	Optional	Socket timeout, default is 50*1000 = 50s
nuxeo.s3storage.import.transient.singlepart.maxsize	Optional	The maximum size of a file that can be copied without using multipart: 5 GB
nuxeo.s3storage.import.transient.trace.level	Optional	The log trace level

## Uninstallation

If you need to uninstall—we recommend doing this by using the JSF UI, instead of the Nuxeo command line, because using the command line may not complete the uninstall process.

## Document tracking

### Change history

Version	Date	Authors	Description
1.0.0	6/29/2022	Ying Lu	Initial version



### Distribution history

Version	Date	Distributed to	For
1.0.0	6/29/2022	TBD	Provided to Nuxeo