

# Kaltura Video Plugin for Jive Deployment Guide

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# Preface

This preface contains the following topics:

- [About this Guide](#)
- [Audience](#)
- [Document Conventions](#)

## About this Guide

This guide describes how to deploy the Kaltura Video Plugin for Jive and the deployment of the NodeJS middleware application. This guide pertains to version 9.0.1.0-1 of the Kaltura Video Plugin for Jive.



**NOTE:** Please refer to the official and latest product release notes for last-minute updates.

Technical support may be obtained directly from: [Kaltura Customer Care](#).

### Contact Us:

Please send your documentation-related comments and feedback or report mistakes to [knowledge@kaltura.com](mailto:knowledge@kaltura.com). We are committed to improving our documentation and your feedback is important to us.

## Audience

This guide is intended for administrators deploying the Kaltura Video Plugin for Jive.

## Document Conventions

Kaltura uses the following admonitions:

- Note
- Workflow



**NOTE:** Identifies important information that contains helpful suggestions.



**Workflow:** Provides workflow information.

1. Step 1
2. Step 2

# Software Versions

This guide pertains to version 9.0.1.0-1 of the Kaltura Video Plugin for Jive.

The application is developed for the following versions:

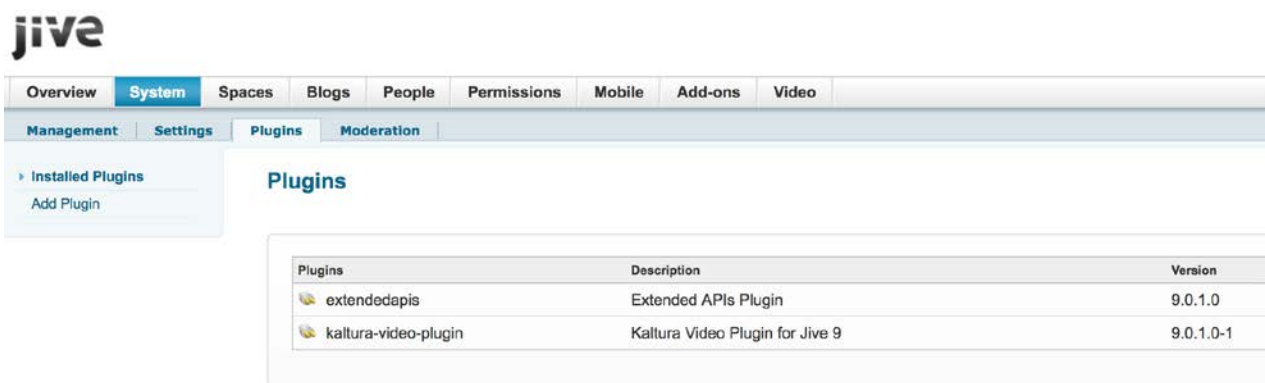
- Jive SDK: Jive Node SDK version 0.2.17
- NodeJS: v6.11.3 or v9.3.0
- Jive SBS on premise: 9.0.1.0

## Uploading the Kaltura Video for Jive Plugin Deployment



### Upload the Plugin

#### To Upload the Plugin

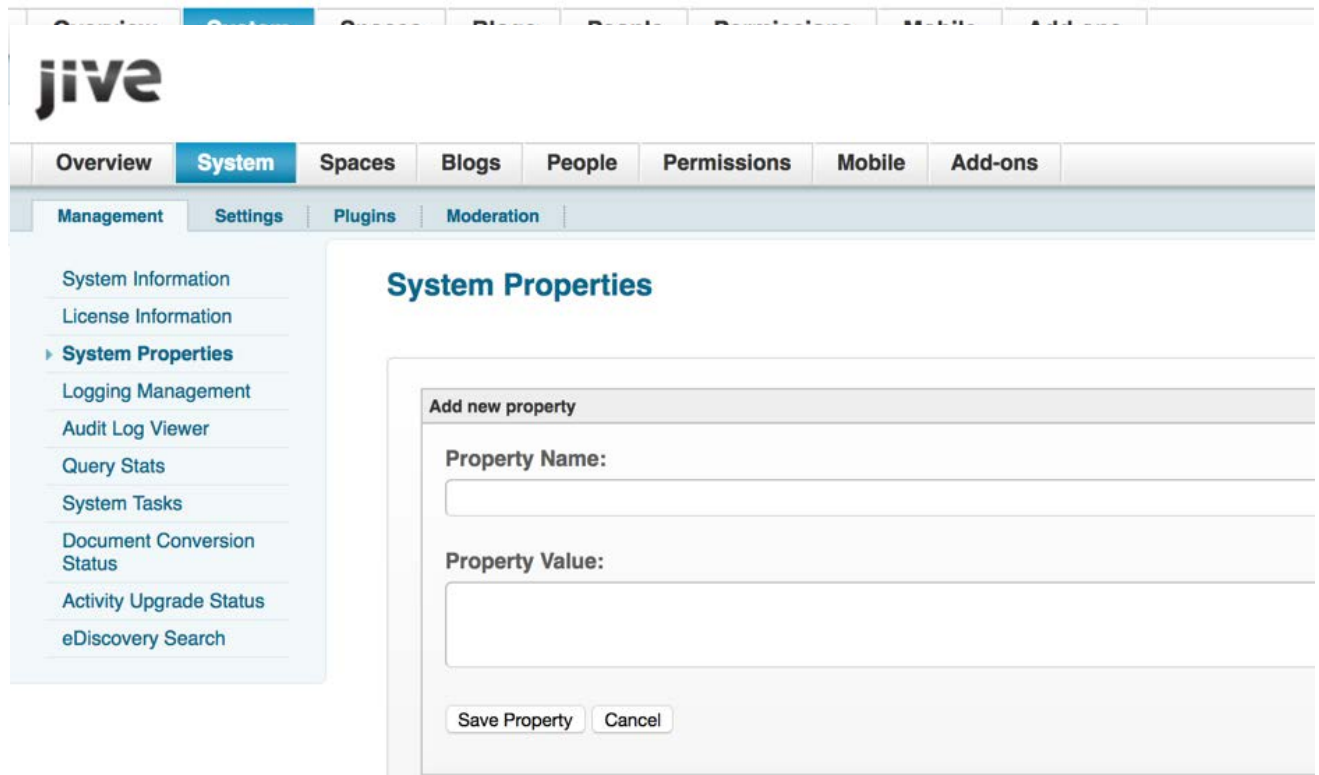
1. Log into the Admin Console at <http://community.mydomain.com/admin> with a privileged user account.
2. Click on the main "System" tab, then the "Plugins" tab.



The screenshot shows the Jive Admin Console interface. The top navigation bar includes tabs for Overview, System (selected), Spaces, Blogs, People, Permissions, Mobile, Add-ons, and Video. Below this, a sub-navigation bar has Management, Settings, Plugins (selected), and Moderation. On the left, there is a sidebar with 'Installed Plugins' and 'Add Plugin'. The main content area is titled 'Plugins' and contains a table with the following data:

| Plugins  | Description                     | Version   |
|--|---------------------------------|-----------|
|  extendedapis         | Extended APIs Plugin            | 9.0.1.0   |
|  kaltura-video-plugin | Kaltura Video Plugin for Jive 9 | 9.0.1.0-1 |

The available Plugins screen is displayed.

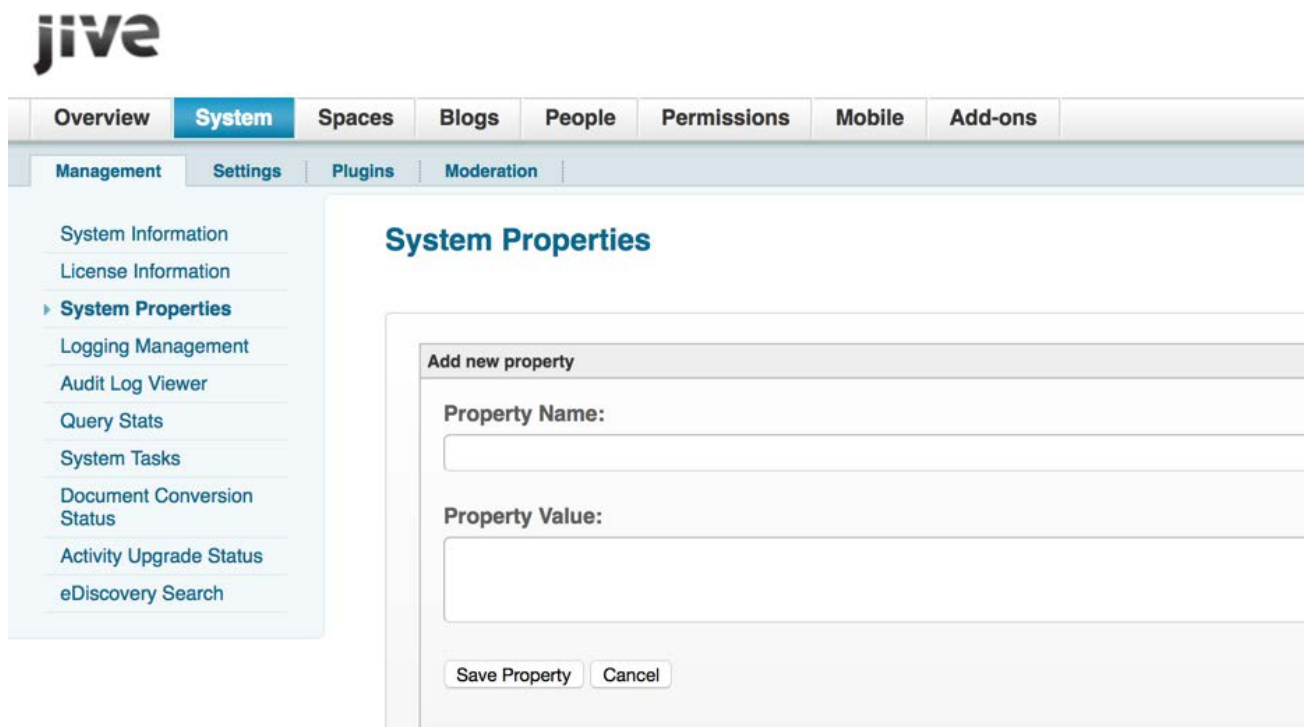


3. Click "Add Plugin" in the left-hand column.
4. Upload the Kaltura Video Plugin.

## Configure the Plugin Settings

1. In the Admin Console, click on the main "System" tab, then the "Management" tab.
2. Click "System Properties" in the left-hand column.

2. Click "System Properties" in the left-hand column.



3. Create a new system property with:
  - o Property Name: kaltura.partnerid
  - o Property Value: a number that identifies your Kaltura account
4. Click the "Save Property" button
5. Repeat the process and create a new system property with:
  - o Property Name: kaltura.instance.url
  - o Property Value: The KAF URL at which Kaltura can be contacted.  
The value of this parameter is likely similar to: `http://[instanceid].mediaspace.kaltura.com`
6. Click the "Save Property" button
7. Repeat the process and create a new system property with:
  - o Property Name: kaltura.admin.secret
  - o Property Value: The secret token that authorizes the Jive system to interact with Kaltura services.
8. Click the "Save Property" button
9. (Optional) Repeat the same process and create new optional system property with:
  - o Property Name: kaltura.service.url
  - o Property Value: the Kaltura service URL  
This property is not required for most installations, its default value is:  
`http://www.kaltura.com`

## **Restart the Jive Application Server**

The Jive Application must be restarted to load the new plugin.



# Deploying the Add-on

This guide pertains to version 0.9 of the Kaltura Add-on for Jive.

## Database Setup

### To set up the database

1. Create a Mongo database.
2. Copy the DB connection string into jiveclientconfiguration.json.

For additional details on connection strings see:

<https://docs.mongodb.com/manual/reference/connection-string/>

## The jiveclientconfiguration.json

```
{
  "clientUrl": "https://addon.sample.com", ← Server URL
  "port": "8090",
  "development": false,
  "clientUrlExcludesPort": true,
  "logLevel": "DEBUG",
  "logFile": "logs/jive-sdk.log",
  "logFileSize": 20480,
  "logFileNumBackups": 3,
  "persistence": "jive-persistence-mongo",
  "databaseUrl": "mongodb://mongo.sample.com:27017/kaltura-add-on", ← DB Connection
  "extensionInfo": {
    "id": "2feffe78-b663-48f2-9879-8a8246c783d2",
    "uuid": "2feffe78-b663-48f2-9879-8a8246c783d2",
    "jiveServiceSignature": "OvzwoY51xRqHpdRBrbBrXQKUUCo=", ← Add-On Signature
    "name": "Kaltura Add-on for Jive",
    "description": "Integration of the Kaltura Application Framework into Jive",
    "icon_16": "icon16.png",
    "icon_48": "icon48.png",
    "icon_128": "icon128.png",
    "releasedOn": "2016-10-21T23:01:26.983Z",
    "config_url": "%serviceURL%/kaltura/configuration?v=2",
    "health_url": "%serviceURL%/monitor/health"
  },
}
```

## Install the package

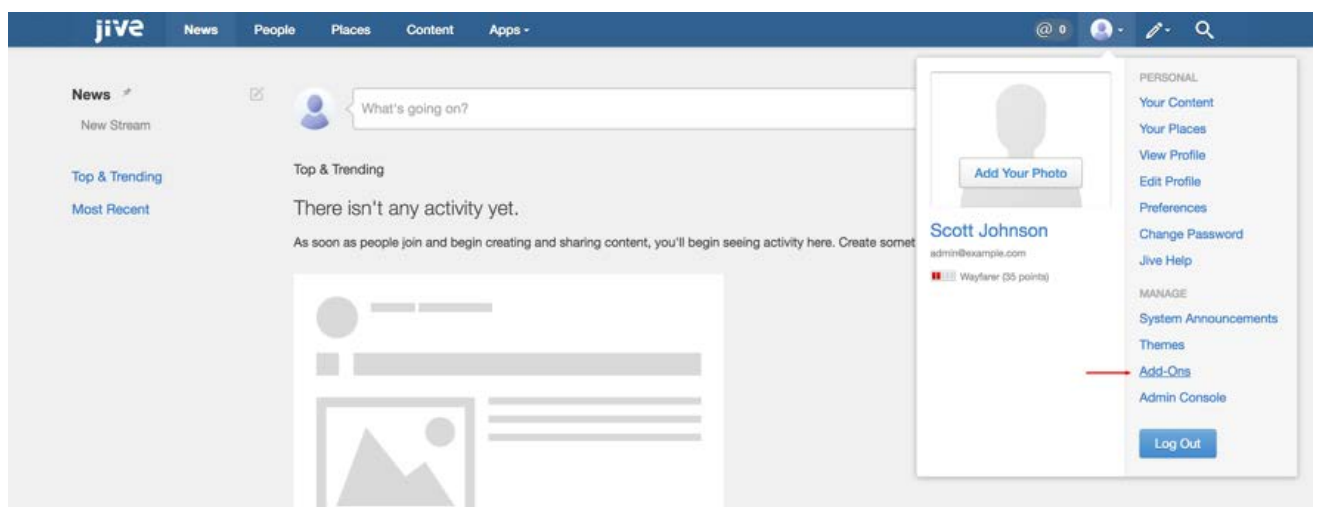
### To install the package

1. Unpack the `kaltura-connector-addon-1.0.0.tgz` into the desired directory.
2. Check if the script `fix-extension.sh` is executable, if not, use `chmod +x` to do so

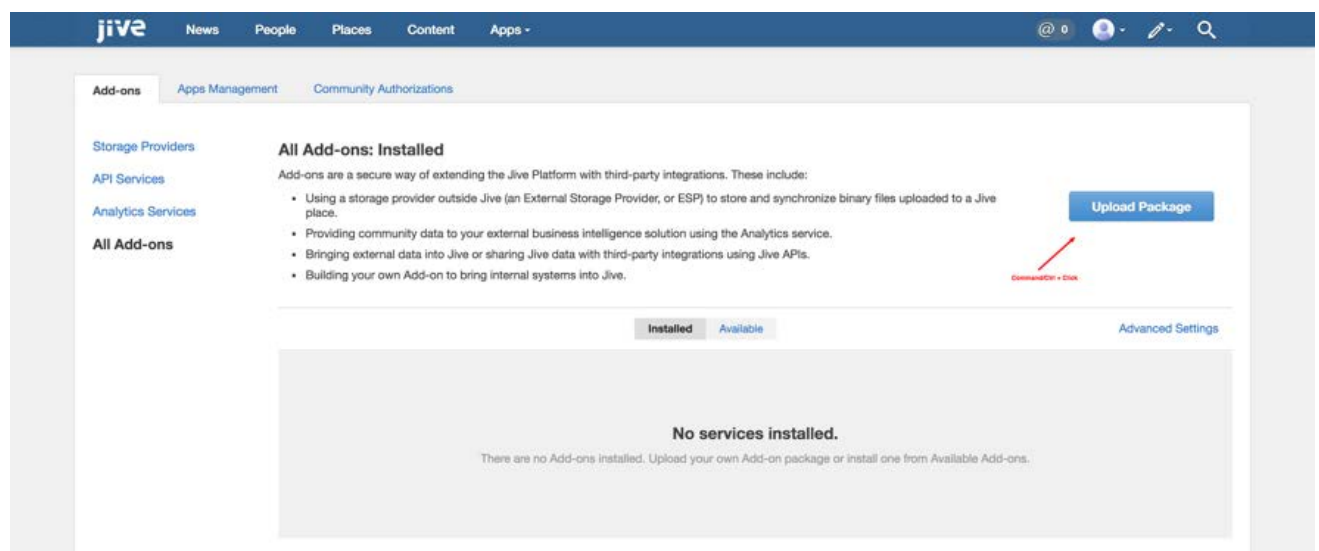
## Addon Signing

Use the `jiveclientconfiguration.json` to configure and deploy the add-on.

1. Navigate to Add-on configuration page in Jive.



2. Command+Click (Mac) or Ctrl+Click (Windows) on "Upload Package".



3. Paste the UUID found in `jiveclientconfiguration.json` into the Sign Package field and click Sign.
4. Copy generated signature into `jiveclientconfiguration.json` 'jiveServiceSignature' field.

**Note:** Multiple signatures representing different Jive instances can be added with spaces separating the signatures.

## Set the Middleware Server URL

1. Determine the URL of the server you will be hosting the middleware server on.
2. Copy this URL into `jiveclientconfiguration.json` in the `'clientUrl'` field.
3. The default port for the add-on is 8090, however, if you will be proxying to standard 80/443 http ports, you should set the `'clientUrlExcludesPort'` to `'true'`.

```
{
  "clientUrl": "https://addon.sample.com", ← Server URL
  "port": "8090",
  "development": false,
  "clientUrlExcludesPort": true,
  "logLevel": "DEBUG",
  "logFile": "logs/jive-sdk.log",
  "logFileSize": 20480,
  "logFileNumBackups": 3,
  "persistence": "jive-persistence-mongo",
  "databaseUrl": "mongodb://mongo.sample.com:27017/kaltura-add-on", ← DB Connection
  "extensionInfo": {
    "id": "2feffe78-b663-48f2-9879-8a8246c783d2",
    "uuid": "2feffe78-b663-48f2-9879-8a8246c783d2",
    "jiveServiceSignature": "0vzwoY51xRqHpdRBrbBrXQKUUCo=", ← Add-On Signature
    "name": "Kaltura Add-on for Jive",
    "description": "Integration of the Kaltura Application Framework into Jive",
    "icon_16": "icon16.png",
    "icon_48": "icon48.png",
    "icon_128": "icon128.png",
    "releasedOn": "2016-10-21T23:01:26.983Z",
    "config_url": "%serviceURL%/kaltura/configuration?v=2",
    "health_url": "%serviceURL%/monitor/health"
  },
}
```

## Configure the Proxy Server (Optional)

If a Proxy server is deployed between the Node server and the Kaltura service, support for the Proxy server is included.

- Add the following to the main JSON object in `jiveclientconfiguration.json` file to include parameters in this format:

```
proxy: {  
  host: "myproxy.domain.com",  
  port: 3812  
}
```

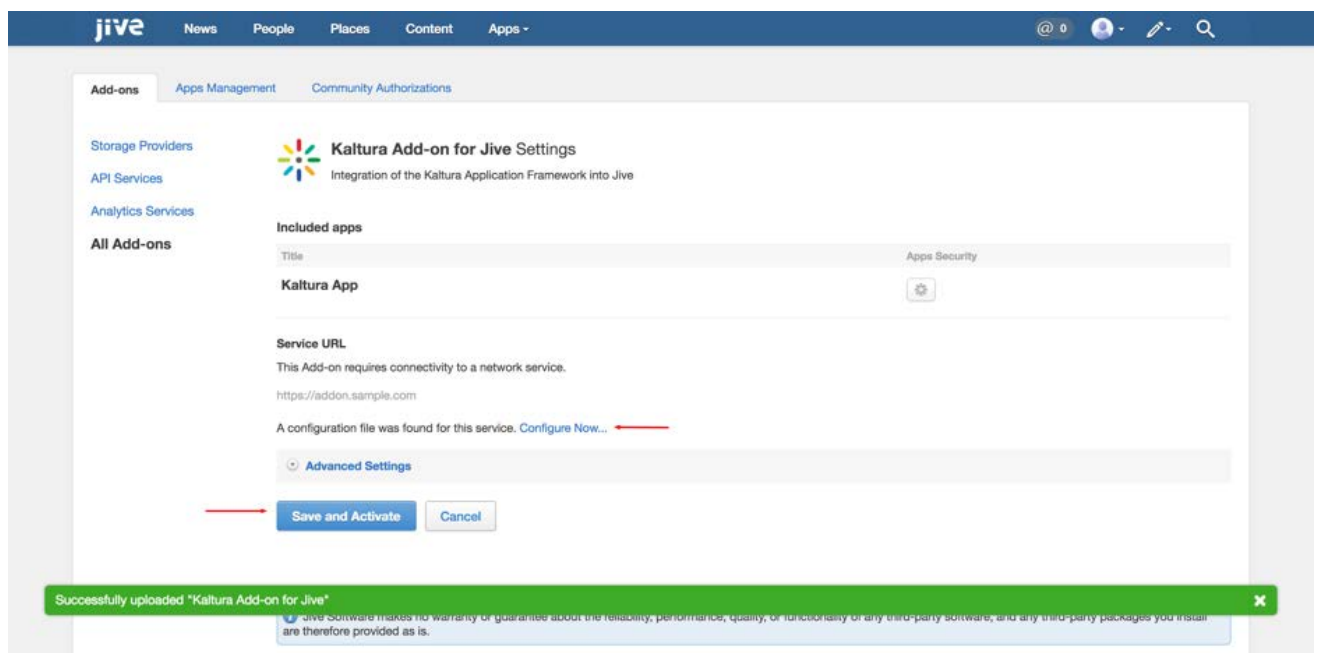
## Start the Server

It is no longer required to run `npm update`, the package will ship with all of its dependencies.

- Run the server by running `node app``.

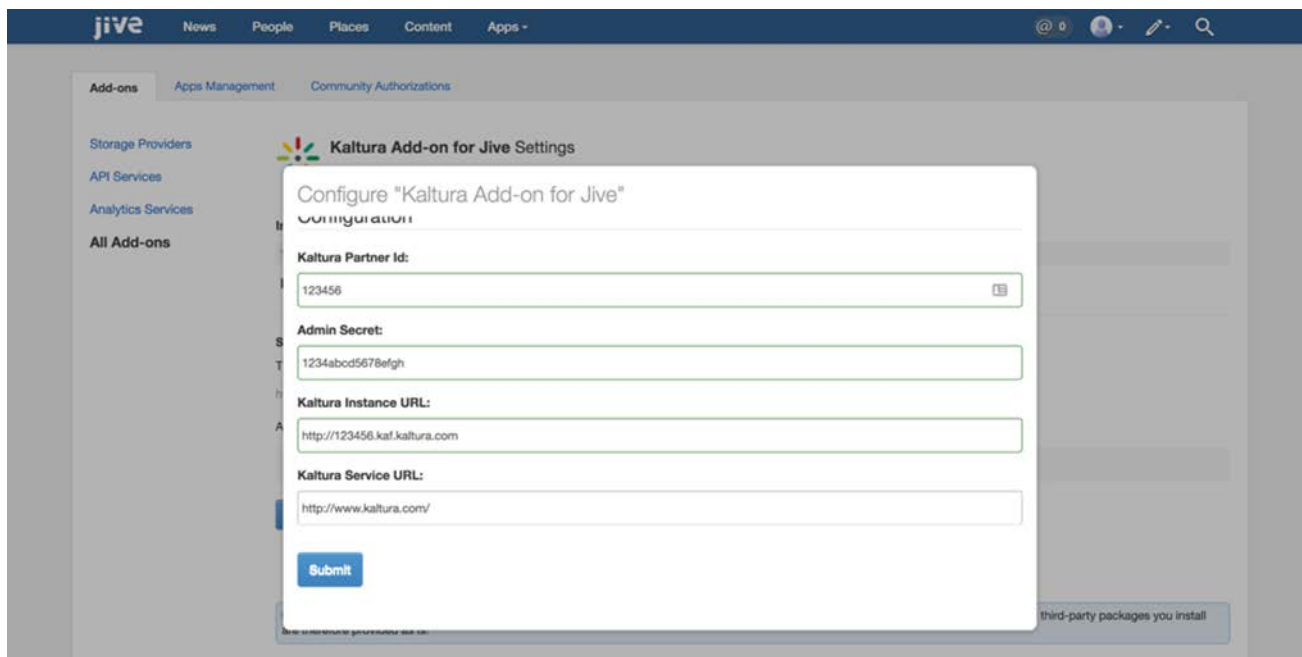
## Install the Add-on

1. Execute the `fix-extension.sh` script.
2. Upload the file `kaltura-connector-addon.zip` to the Upload Package screen.  
This should indicate a success and show you the Kaltura Add-on settings page. You should also see the URL of your middleware server noted on that screen.



## Addon Configuration

1. Before clicking "Save and Activate" configure the Add-on by clicking "Configure Now".



2. Enter the configuration details for your Kaltura account and click Submit.
3. After you submit the Configuration details for the Kaltura Add-on for Jive configuration click "Save and Activate".

## Setting up HTTPS

If you plan to run the NodeJS application, you must place the certificate file and the certificate key file in a directory that is accessible for the process owner of the node application.

Open the [configuration.json](#) and change the paths for certificate files according to your environment.

It is not required to have different ports for HTTP and HTTPS. The application tests if there is a certificate available. If so, the application starts a HTTPS listener on the configured port. If not, it starts a HTTP listener on the configured HTTP port.