



BI Office

Collaboration Setup Guide
Version 6.5

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A. Settings

BI office collaborate with the following enterprise social networks:

- Yammer
- Jive
- Salesforce Chatter
- BI Office Internal

In order that BI Office can collaborate with the third party social networks a few settings must be configured in the Admin Application of BI Office. Most of the settings has default values.

The settings has the following sections:

- Login Settings
- General Settings
- Services General Settings
- Collaboration Resources management settings

A.1 Login Settings

▼ Login Settings	
Client ID	f069sngk5wqwrhinxpu8qht0aqltc1mh.i
Client Secret	6t0xzyfo50xpm7vm5t3n52gr9v7r3oyh.s
OAuth2 Web Server Authentication	<input checked="" type="checkbox"/>

1. Yammer Login Settings

The login method to Yammer is OAuth2. (<https://en.wikipedia.org/wiki/OAuth>)

Client ID and Client secret must be set in order that the collaboration with yammer will be successful.

BI Office must be registered inside Yammer private social network.

The way to register BI Office is described in the following link: <https://developer.yammer.com/docs/app-registration>

In order to register correctly BI Office, the Redirect URI must be set.

The format of the Redirect URI is: "BI Office URI" + /SocialNetworkWelcomePage.aspx. For example if BI Office local URI is <http://pyramid.6> than the redirect URI will be <http://pyramid.6/SocialNetworkWelcomePage.aspx>

2. Jive Login Settings

There are two ways to Login to Jive:

- Simple Authentication
- Auth2 Authentication

A.1.2.1 Simple Authentication

The user will login to Jive from BI office using his Jive's Login User Name and Password.

In order to use Simple Authentication the "OAuth2 Web Server Authentication" in the login settings section must be unchecked.

A.1.2.2 Auth2 Authentication

In order to use the Auth2 Authentication (<https://en.wikipedia.org/wiki/OAuth>), "OAuth2 Web Server Authentication" in the login settings section must be checked(It is checked by default).

The Client Id and Client Secret must be set as well.

In order to get those values from Jive, BI Office must be registered in Jive internal social network and OAuth2 add-on must be created,

The following link demonstrate how to create the OAuth2 add-on and register Bi Office inside Jive and how to get the Client Id and Client Secret: <https://community.jivesoftware.com/docs/DOC-157031>

To create the OAuth2 add-on inside Jive an attached zipped package must be uploaded to Jive. The two critical files in the package are meta.json and definition.json.

definition.json can be created as follows:

```
{
  "integrationUser": {
    "systemAdmin": false,
  }
}
```

meta.json can be created as follows:

```
{
  "package_version": "1.0",
  "id": "D3E14C74-336D-44BA-9F77-3A9D248DB980",
  "type": "client-app",
  "name": "oauth.support",
  "description": "This add-on provides OAuth 2.0 support for the REST API",
  "minimum_version": "0070300000",
  "icon_16": "lightbulb-16.png",
  "icon_48": "lightbulb-48.png",
  "released_on": "2015-12-22T19:11:11.234Z",
  "register_url": "%serviceURL%/register",
  "unregister_url": "%serviceURL%/unregister",
  "service_url": "http://INSERT_URL_HERE",
  "redirect_url": "https://pyramid.6/SocialNetworkWelcomePage.aspx",
}
```

}

In order to register correctly BI Office, the [redirect_url](#) must be set.

The format of the Redirect URI is: “BI Office URI” + /SocialNetworkWelcomePage.aspx.

For example if BI Office local URI is <http://pyramid.6> than the redirect URI will be <http://pyramid.6/SocialNetworkWelcomePage.aspx> .

The way to get the Client Id and Client Secret:

Note that you can obtain the client ID and secret manually if you do not want to run a service for registration purposes. To do this, click the action icon from the Add-ons page of your Jive community and select “View Client ID and Secret”.



3. Salesforce Chatter Login Settings

There are two ways to Login to Chatter:

- Simple Authentication
- Auth2 Authentication

A.1.3.1 Simple Authentication

The user will login to Chatter from BI office using his Chatter’s Login User Name and Password and his security Token.

In order to use Simple Authentication the “OAuth2 Web Server Authentication” in the login settings section must be unchecked.

The way the user can get his own security token described in this link:

http://knowledge.hubspot.com/articles/kcs_article/salesforce/where-do-i-find-and-or-reset-my-salesforce-security-token

A.1.3.2 Auth2 Authentication

In order to use the Auth2 Authentication (<https://en.wikipedia.org/wiki/OAuth>) , “OAuth2 Web Server Authentication” in the login settings section must be checked(It is checked by default).

The Client Id and Client Secret must be set as well.

BI Office must be registered inside Salesforce chatter private social network.

The way to register BI Office is described in the following link:

https://developer.salesforce.com/page/Digging_Deeper_into_OAuth_2.0_on_Force.com

In order to register correctly BI Office, the [call back URL](#) must be set when defining the new connected App.

The format of the [call back URL](#) is: “BI Office URI” + /SocialNetworkWelcomePage.aspx.

For example if BI Office local URI is <https://pyramid.6> than the redirect URI will be <https://pyramid.6/SocialNetworkWelcomePage.aspx> .

OAuth2 authentication can only be used if the BI Office URI is secured. (The URI begin with <https://...>)

After the Bi Office connected App is configured inside chatter, The Client Id/Consumer Key and the Client Secret/Consumer Secret are defined and should be copied to the Admin App of BI Office.

A.2 General Settings

▼ General Settings	
Social Network	Yammer
Social Network Name	Yammer
Conversations Lower Boundary Period (days)	1
Max Page Loading Time (seconds)	5
Refresh Time Interval (seconds)	10

The general Settings section has the following parameters:

- Social network - which social network will be used as a platform to the BI Office collaboration feature.
- Social network name – the name of the social network. (The name appears in the Collaboration login window in the BI Office start page.
- Conversations Lower Boundary Period (days) – When the user logs in to the social network in BI Office, he can see his recent conversations in the start page of BI Office. This parameter determine how recent or how far back the conversations that he will see.
- Max Page Loading Time (Seconds) – The third party social network resources (messages, users, groups, tags and so forth) are divided to pages. Each call to the API GET Resource gets one page of data and it takes a certain amount of time. This parameter determined what is the maximum time the user will wait for a response from the social network when calling the GET API.
- Refresh Time Interval (Seconds) – BI Office is polling the third party social network for new messages. This allows the users of BI Office to chat. This Parameter determine how often the polling is done. Pay Attention: some of the social networks (like yammer) has some restrictions on how many polling calls can be made in a minute. The following link shows Yammer Rest API Rate Limit : <https://developer.yammer.com/docs/rest-api-rate-limits>

BI Office general settings looks a bit different:

▼ General Settings	
Social Network	BI Office Internal
Social Network Name	Pyramid
Conversations Lower Boundary Period (days)	1
Max Page Loading Time (seconds)	5
Refresh Time Interval (seconds)	10
Cursor Page Size	50

- Cursor Page Size - the conversations data retrieved from BI Office data base is paged and this parameter define the page size.

A.3 Services General Settings

▼ Services General Settings	
Base Url	https://www.yammer.com
Api Version	1

The Service General Settings section has the following parameters:

- Base URL- the unique URL of the private social network. For example : <https://sandbox.jiveon.com>
- API Version

A.4 Collaboration Resources Management settings

The third party social network API calls can take some time. The collaboration resources management process is created to solve this performance issues. This process runs in the BI Office server every certain amount of time and poll the third party social network resources – messages, users, groups and tags and save them in the data base. The process use a third party social network user credentials.

▼ Collaboration Resources Managment	
Resources Process Active	<input checked="" type="checkbox"/>
Resources Retrieval Time Interval (seconds)	120
Master Collaboration User	Guy Alizi
Master user is logged in to Yammer	Logout Master User

The Collaboration Resources Management Settings section has the following parameters:

- Resources Process Active
- Resources Retrieval Time Interval – How often the process runs in the server.
- Master Collaboration User – Which BI Office user will be the master user and his third part social network credentials will be used to retrieve the resources in the server side of BI Office. It is advisable that the credentials are rarely used inside BI Office when the social network has a service rate limit (like Yammer).