Kaltura Extension for IBM Connections Deployment Guide

Version: 1.0

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Contents

Preface

This preface contains the following topics:

About this Guide

This guide describes how to deploy and configure the Kaltura Extension for IBM Connections.

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.

We are committed to improving our documentation and your feedback is important to us.

Audience

This guide is intended for IBM Connections administrators.

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

SECTION 1

Prerequisites

The following are prerequisites for the Kaltura Extension for IBM Connections:

- Kaltura IBM Connections v3 or above
- A Kaltura Partner account
- A Kaltura Application Framework instance

Before Starting the Deployment Process

Contact your Kaltura representative to create a Kaltura Application Framework instance for your Kaltura Extension for IBM Connections.

You should receive the following:

- The launch point base URL that will be used further in the process
- The Administration application login page URL.

Deployment Process Workflow

The following workflow describes the deployment process.

1. Install the REST API (WAR file).
2. Configure the Kaltura Extension for IBM Connections Settings.
3. Configure the Gadgets.
4. Configuring the CKEditor Extension.

SECTION 2

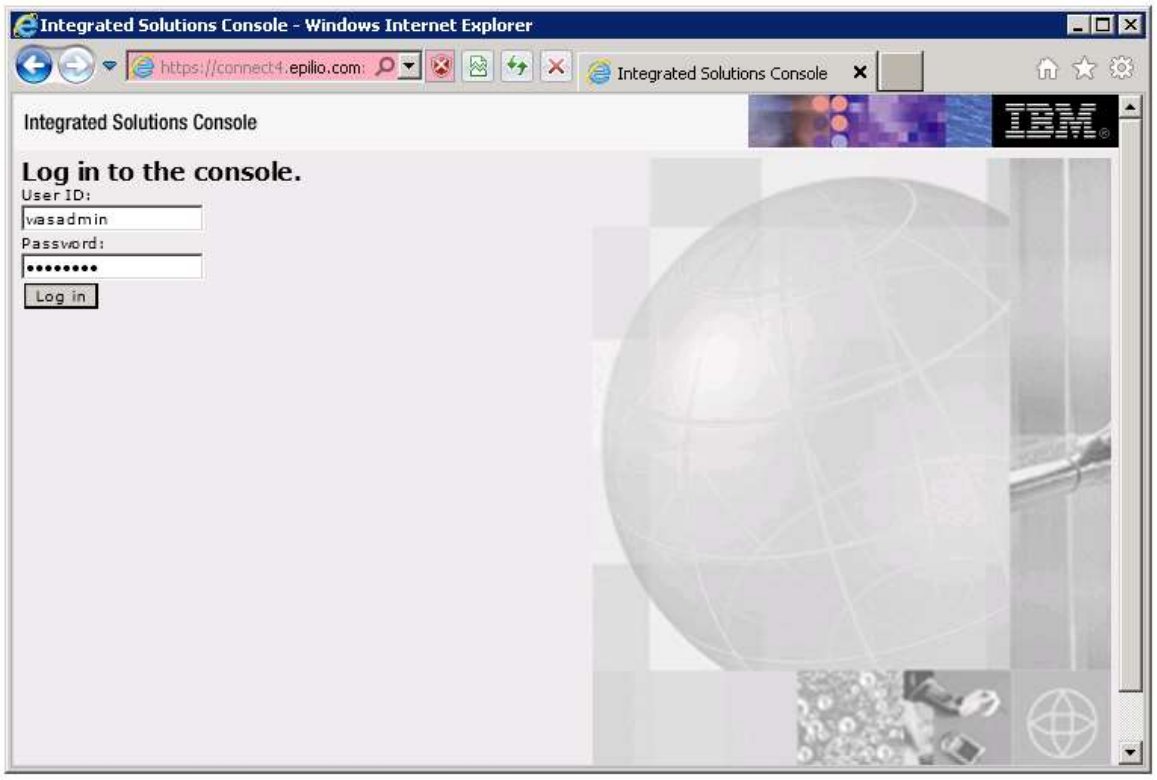
Deploying the Kaltura Extension for IBM Connections

This section describes how to deploy and configure the Kaltura Extension for IBM Connections

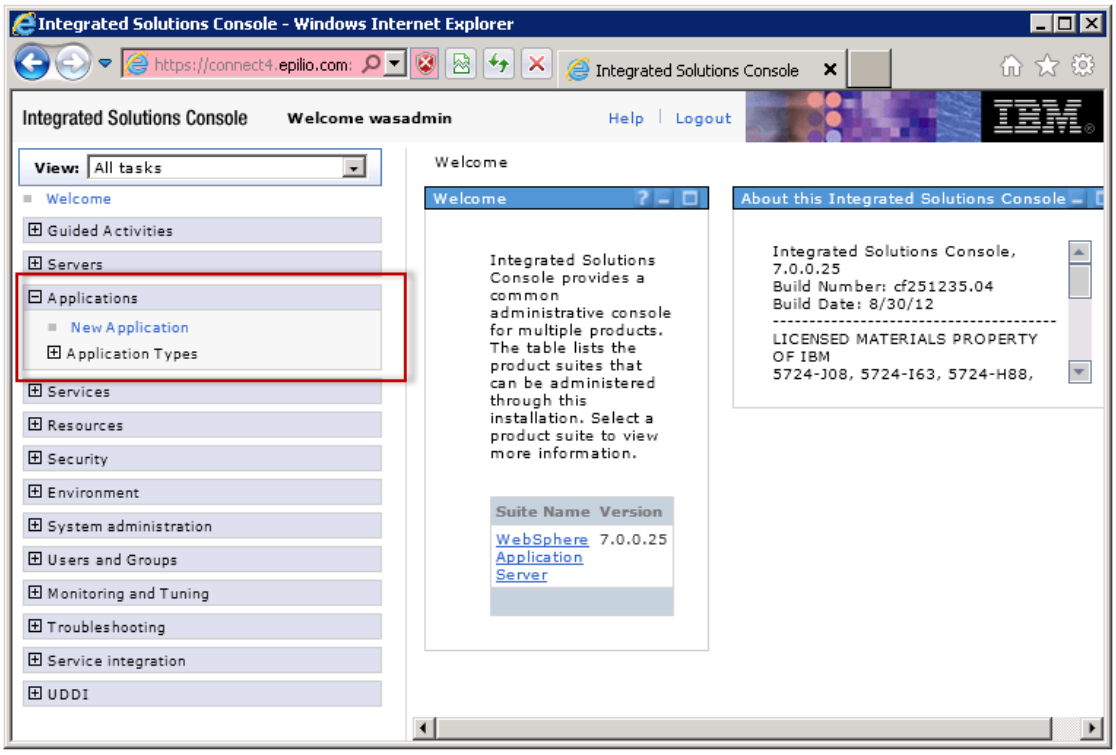
Installing the REST API (WAR file)

To deploy the Kaltura Video Extension into IBM Connections WebSphere server

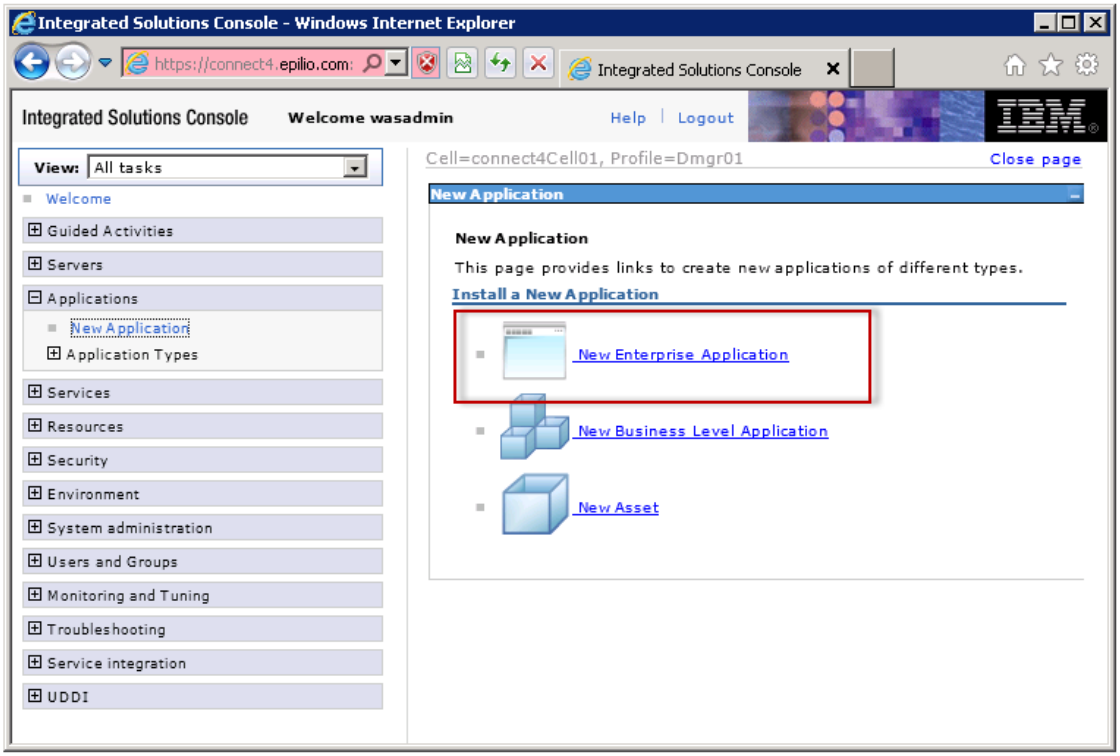
1. Download the Kaltura Extension for IBM Connections WAR file from here.
2. Login to IBM WebSphere Administrator Console. https://<server>:9043/ibm/console



3. After logging in, navigate to the **Applications** section and click on **New Application**.



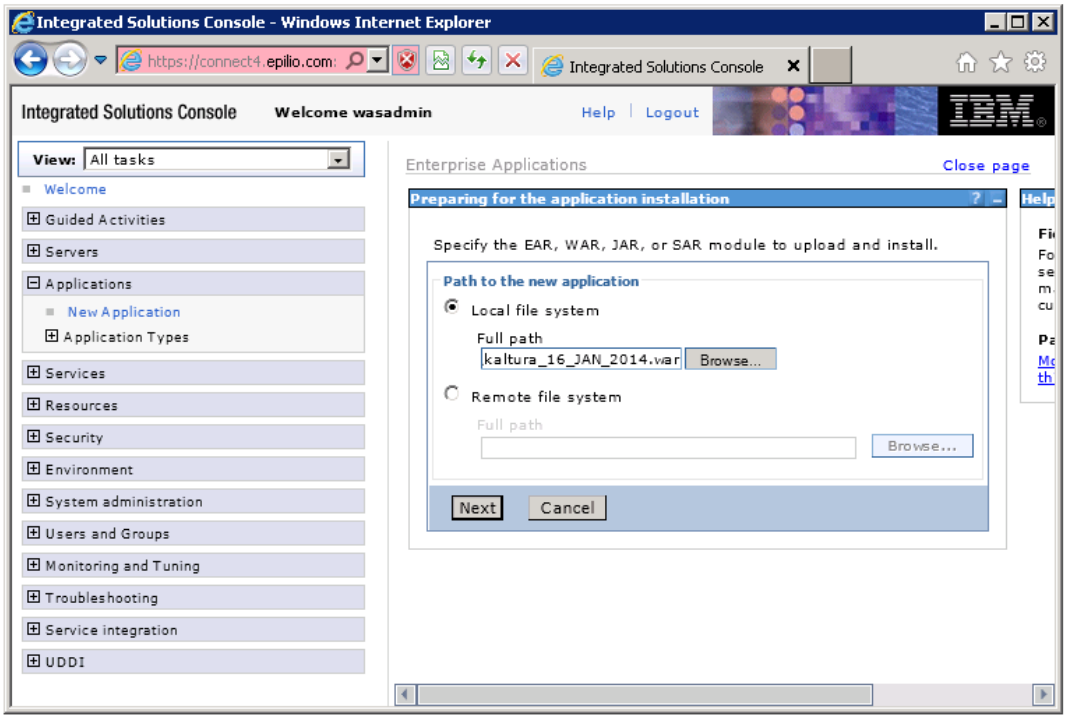
4. Select the option for **New Enterprise Application**.



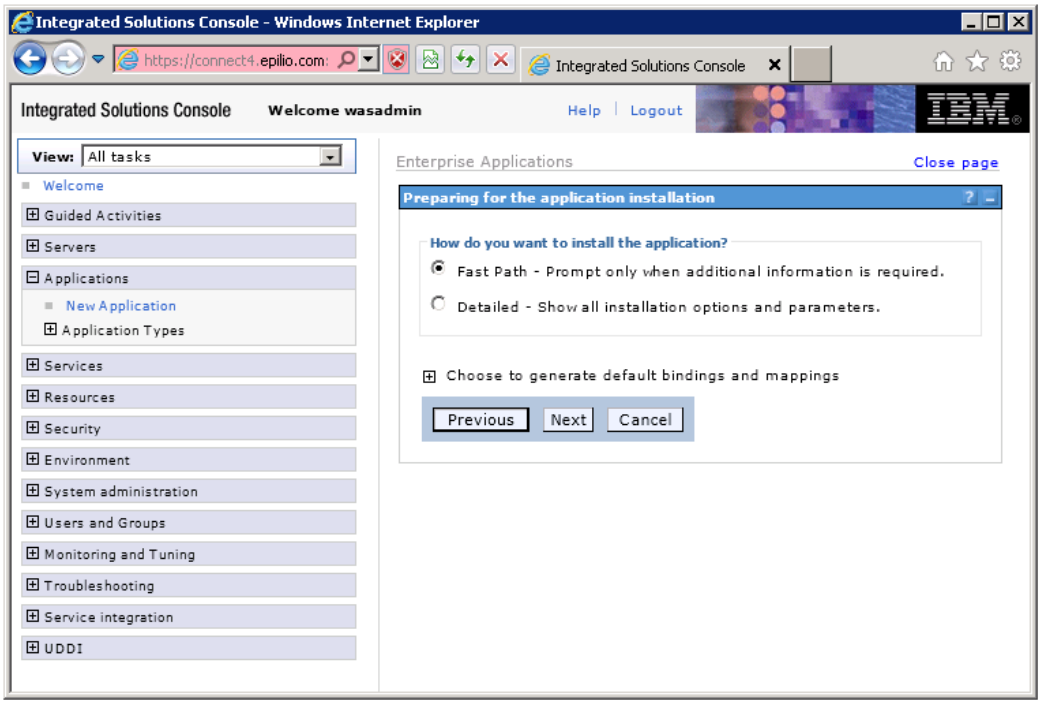
A deployment wizard is displayed to install a WAR file.

5. Select the **Local file system** option and use the **Browse** button to local the WAR file for the

Kaltura Extension for IBM Connections.

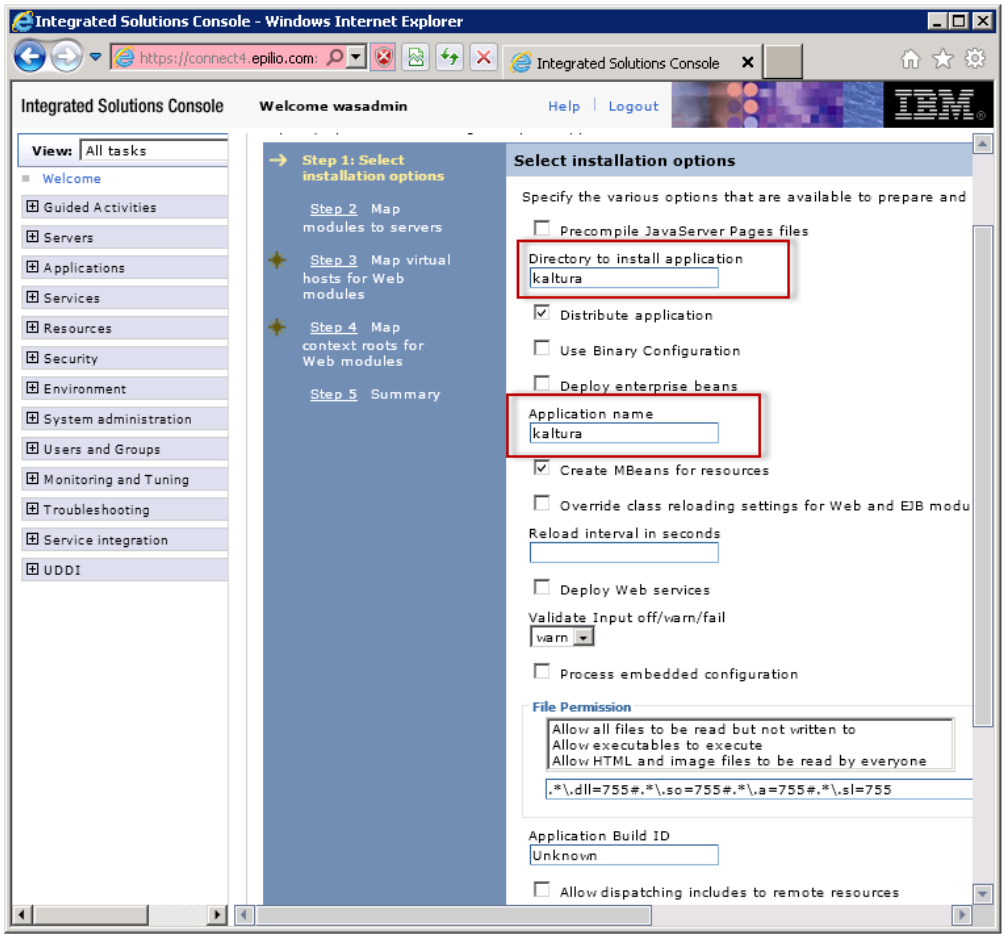


6. After specifying the path, click on **Next**.
7. Select the **Fast Path** option and click **Next**.

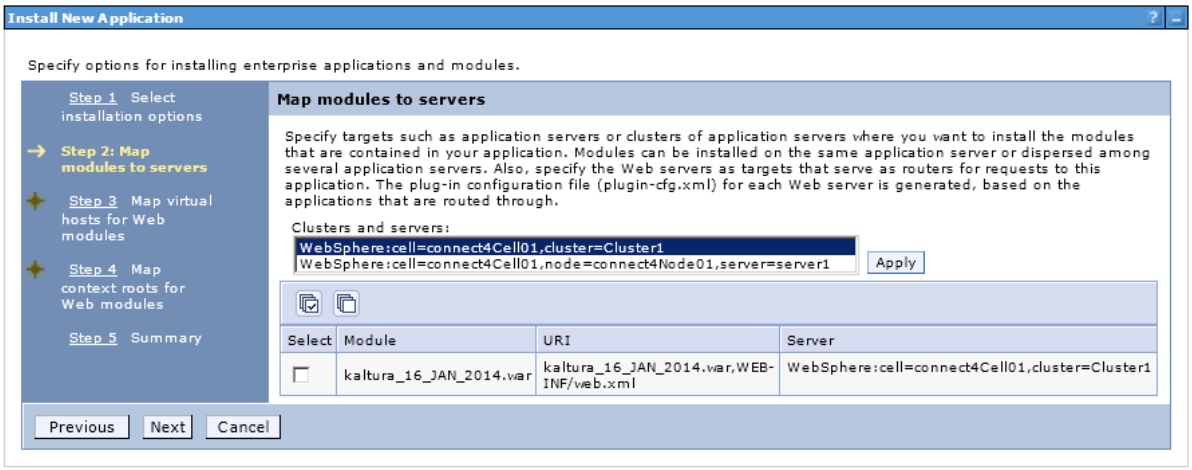


8. In the **Installation Options** form, specify the application directory and name as **Kaltura** and

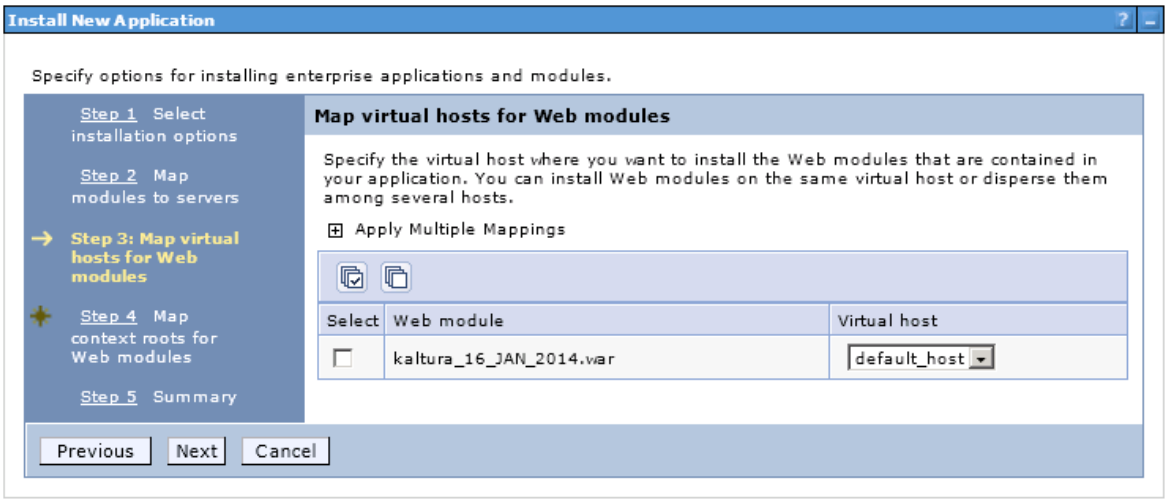
click on **Next**.



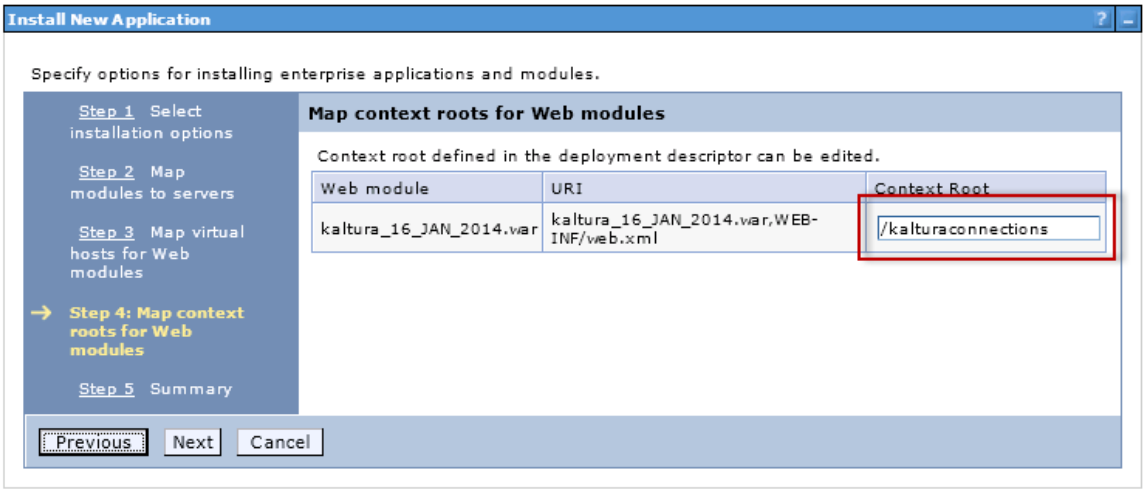
9. Accept the specified default settings in **Step 2** and click on **Next**.



10. Accept the specified default settings in **Step 3** and click on **Next** .

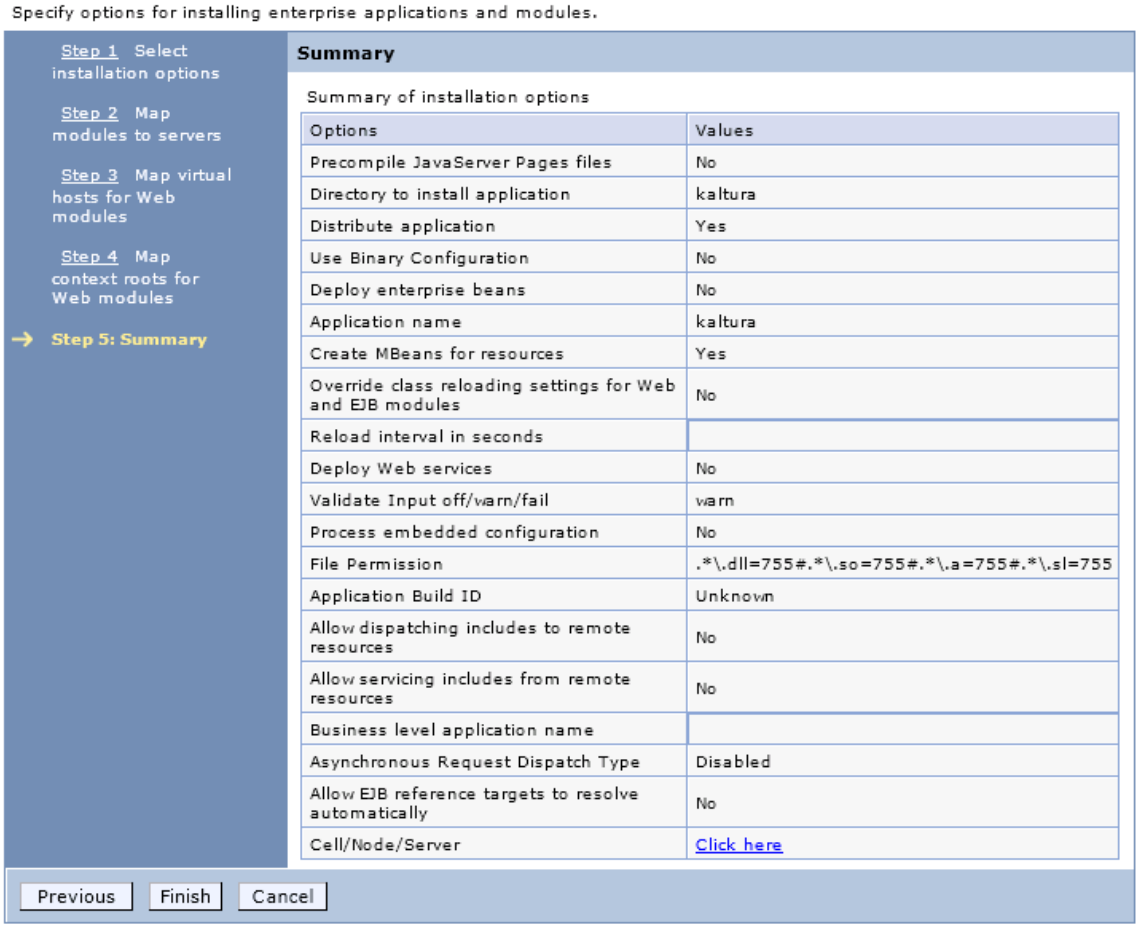


11. Specify the **Context Root** as **/kalturaconnections** and click **Next**.

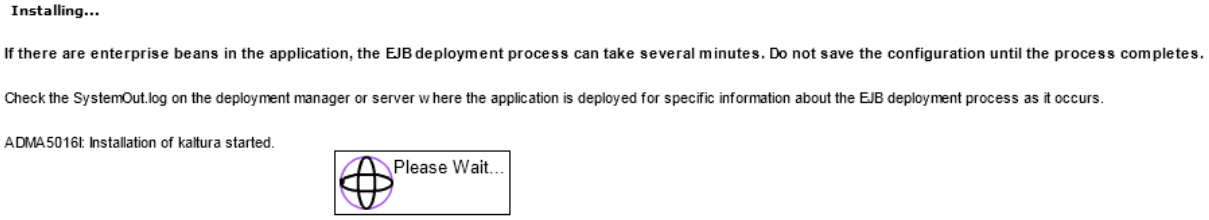


12. The **Summary** step displays a summary of the specified options. Click **Finish** to install the

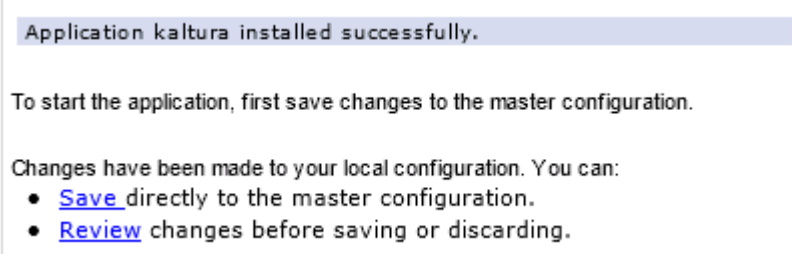
extension.



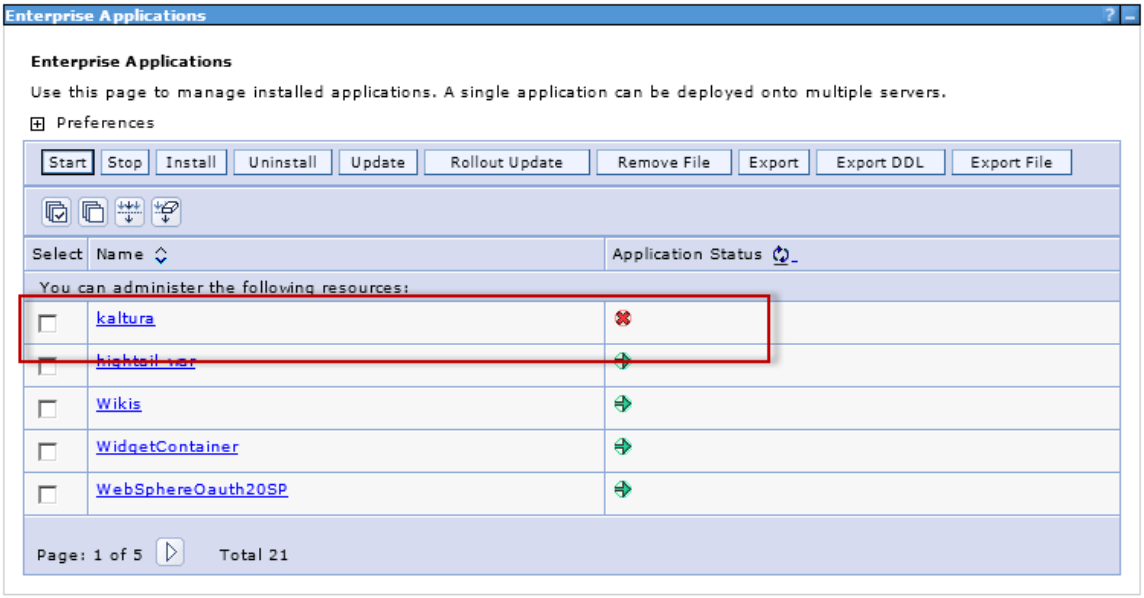
Status updates are displayed while the extension is being installed.



13. When the extension installation is complete, click **Save**.



The Kaltura extension will appear in the list of installed applications. Before you start the application, you will need to configure the application settings.


Enterprise Applications
Enterprise Applications
Use this page to manage installed applications. A single application can be deployed onto multiple servers.
Preferences
Start
Stop
Install
Uninstall
Update
Rollout Update
Remove File
Export
Export DDL
Export File
Select
Name
Application Status
You can administer the following resources:
kaltura
hightail.war
Wikis
WidgetContainer
WebSphereOauth20SP
Page: 1 of 5
Total 21

SECTION 3

Configuring the Kaltura Extension for IBM Connections

The Kaltura Video Extension for IBM Connections stores settings in the following two files:

File Name	Path
Settings.xml	<<WebSphere Install Folder>>\AppServer\profiles\<<Server Node>>\ kaltura\kaltura.ear\kaltura.war\WEB-INF\classes\org\kalturaconnection\kaltura\settings
Log4j.xml	<<WebSphere Install Folder>>\AppServer\profiles\<<Server Node>>\ kaltura\kaltura.ear\kaltura.war\WEB- INF\classes

Modify the settings in the Settings.xml and Log4j.xml files. After you edit the files, the Kaltura Video Extension for IBM Connections can be started from the WebSphere Admin Console.

Settings.xml

```
<xml version="1.0" encoding="UTF-8" ?>
<java class=java.beans.XMLDecoder">
    <object class="org.kalturaconnection.kaltura.settings.Settings">
        <void property="serviceEndPoint">
            <string>12345.kaf.kaltura.com</string>
        </void>
        <void property="partnerId">
            <string>12345</string>
        </void>
        <void property="adminSecret">
            <string>75113dba6bf77089d8237057a94e6b5c</string>
        </void>
        <void property="browseEmbedCallbackURL">
            <string>/kalturaconnections/browsemediacallback</string>
        </void>
    </object>
</java>
```

To configure the Kaltura Extension for IBM Connections settings.XML file

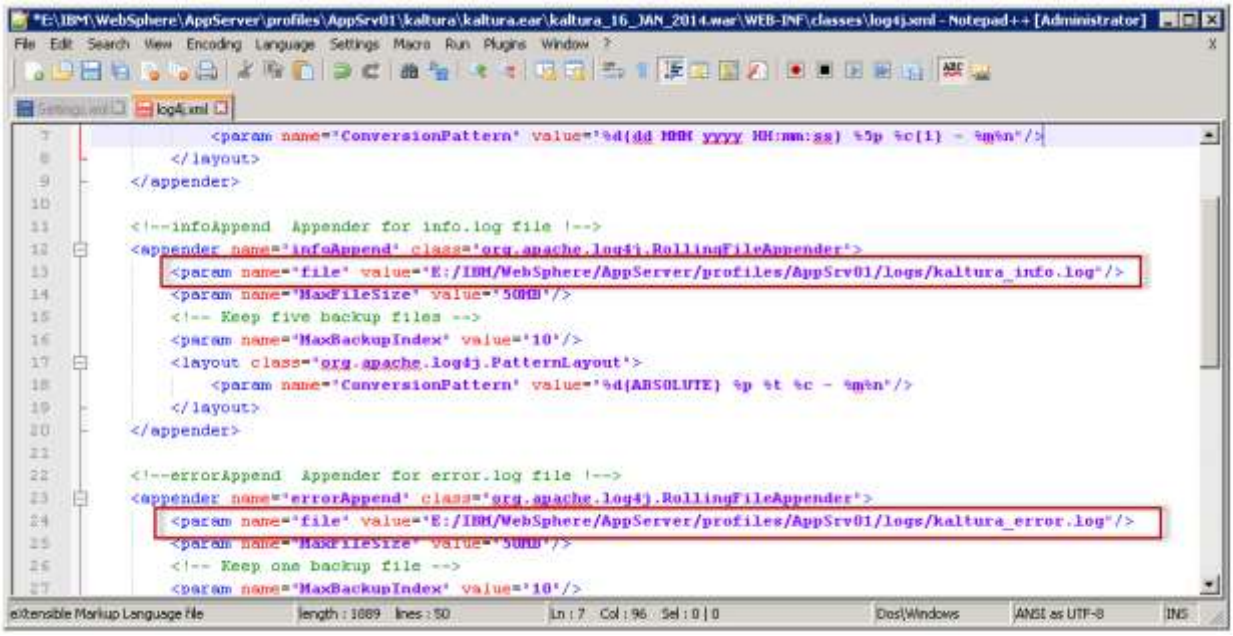
- Edit the following parameters:
  - **serviceEndPoint** –The Kaltura Application Framework launch point. This value is typically: {kaltura.partner.id}.kaf.kaltura.com. You can obtain this value from your Kaltura representative.
  - **partnerId** – Your Kaltura Partner ID. The partner ID can be obtained from your KMC, under Settings > Integration Settings. See To access the account info in the KMC.
  - **adminSecret –** The admin secret of your Kaltura account. The secret can be obtained from your KMC, under Settings > Integration Settings. See To access the account info in the KMC.

- **browseEmbedCallbackURL –**This property holds the callback URL that allows Kaltura service to return details for the user selected media file when using the CKEditor integration. The value should be **kalturaconnections/browsemediacallback** assuming the application context during WAR deployment was set to kalturaconnections when the WAR was deployed.

Log4j.xml

The Log4j.xml file holds file location of logs created by the extension. The extension generates two log files to record application work flow and errors:

- kaltura_info.log
- kaltura_error.log.

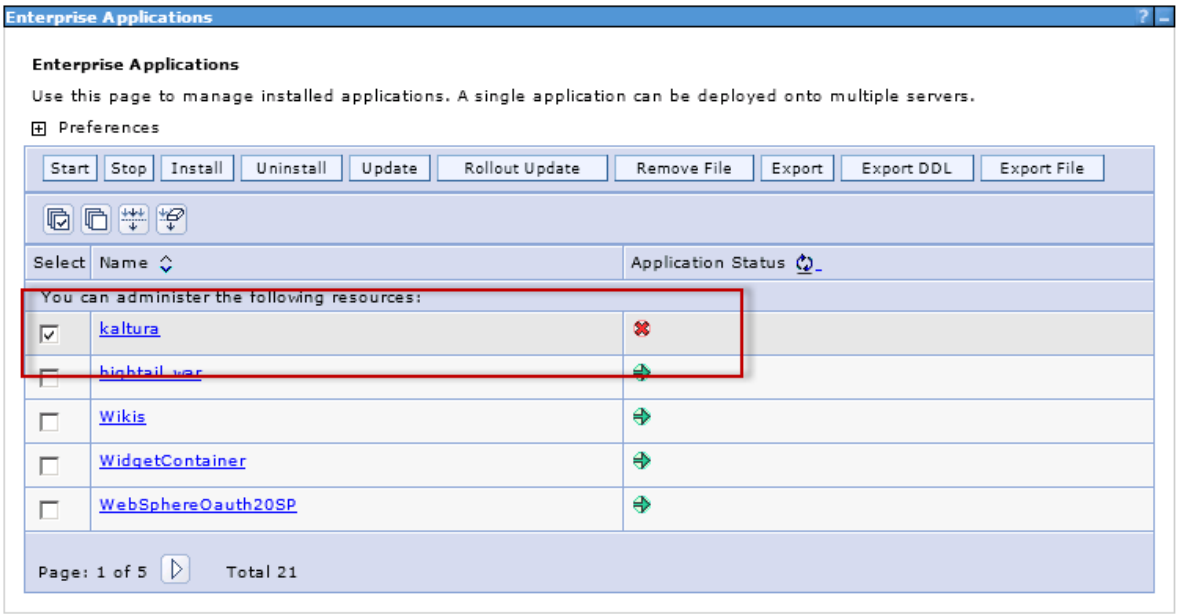


To configure the Kaltura Extension for IBM Connections Log4j.XML file

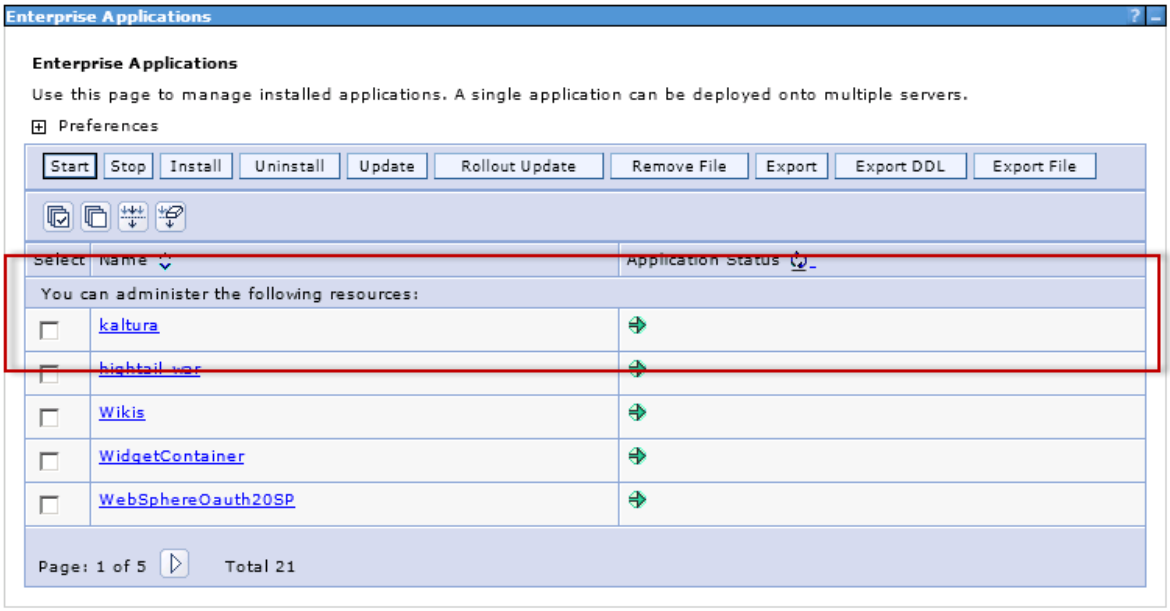
- Edit the XML file paths to point to the WebSphere logs folder.

To start the Kaltura Extension for IBM Connections:

In the Enterprise Applications window, select Kaltura and click Start.



The Application Status turns green.

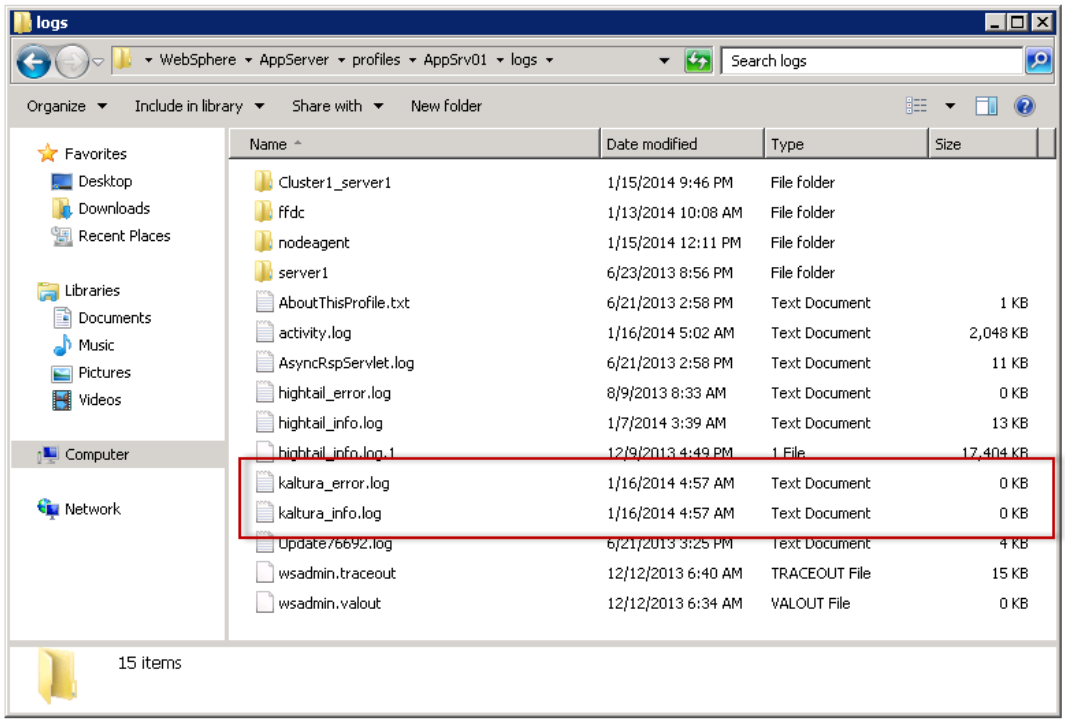


Accessing Log Files

After the Kaltura Video Extension for IBM Connections was successfully deployed and started, two log files are created:

- kaltura_info.log
- kaltura_error.log

These log files allow application developers and system administrators to troubleshoot any issues specific to the application workflow. These files are created under << WebSphere Install Folder>> \AppServer\profiles\<<Server Node>>\logs and are configured to roll over when reaching 500MB.


logs
WebSphere ▸ AppServer ▸ profiles ▸ AppSrv01 ▸ logs
Search logs
Organize
Include in library
Share with
New folder
Favorites
Desktop
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Videos
Computer
Network
Name
Date modified
Type
Size
Cluster1_server1 1/15/2014 9:46 PM File folder
ffdc 1/13/2014 10:08 AM File folder
nodeagent 1/15/2014 12:11 PM File folder
server1 6/23/2013 8:56 PM File folder
AboutThisProfile.txt 6/21/2013 2:58 PM Text Document 1 KB
activity.log 1/16/2014 5:02 AM Text Document 2,048 KB
AsyncRspServlet.log 6/21/2013 2:58 PM Text Document 11 KB
hightail_error.log 8/9/2013 8:33 AM Text Document 0 KB
hightail_info.log 1/7/2014 3:39 AM Text Document 13 KB
hightail_info.log.1 12/9/2013 4:49 PM 1 File 17,404 KB
kaltura_error.log 1/16/2014 4:57 AM Text Document 0 KB
kaltura_info.log 1/16/2014 4:57 AM Text Document 0 KB
Update76692.log 6/21/2013 3:25 PM Text Document 4 KB
wsadmin.traceout 12/12/2013 6:40 AM TRACEOUT File 15 KB
wsadmin.valout 12/12/2013 6:34 AM VALOUT File 0 KB
15 items

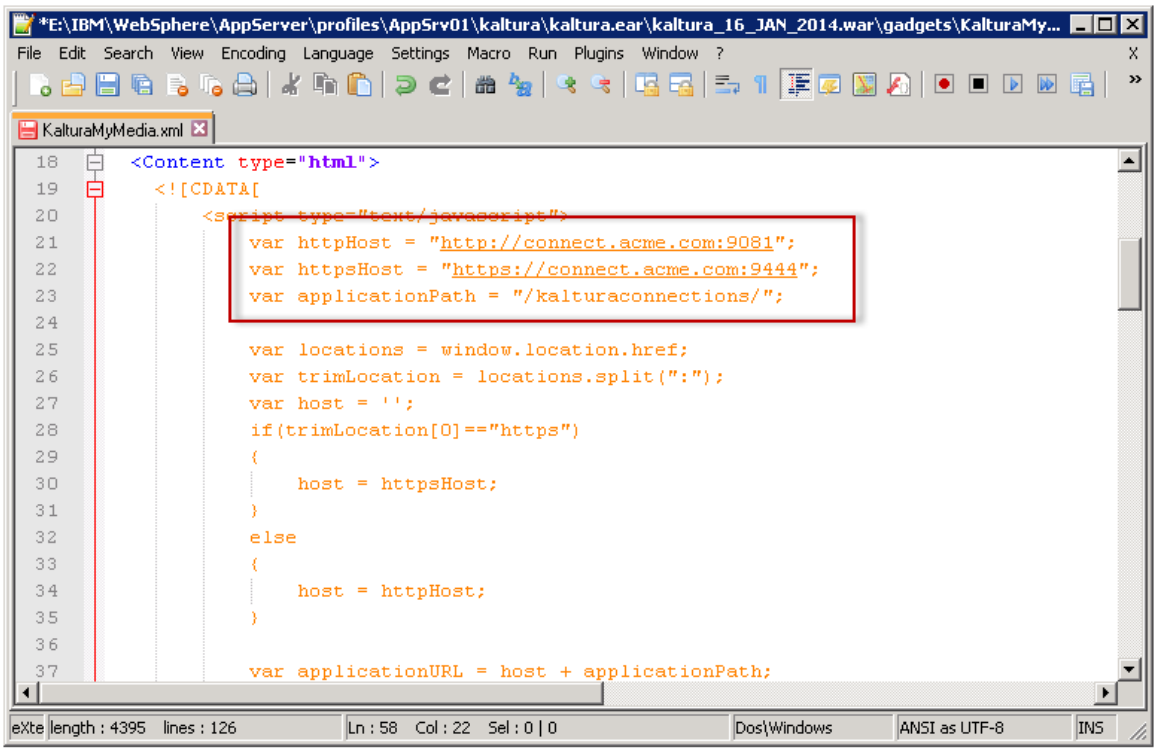
SECTION 4

Configuring and Deploying Gadgets

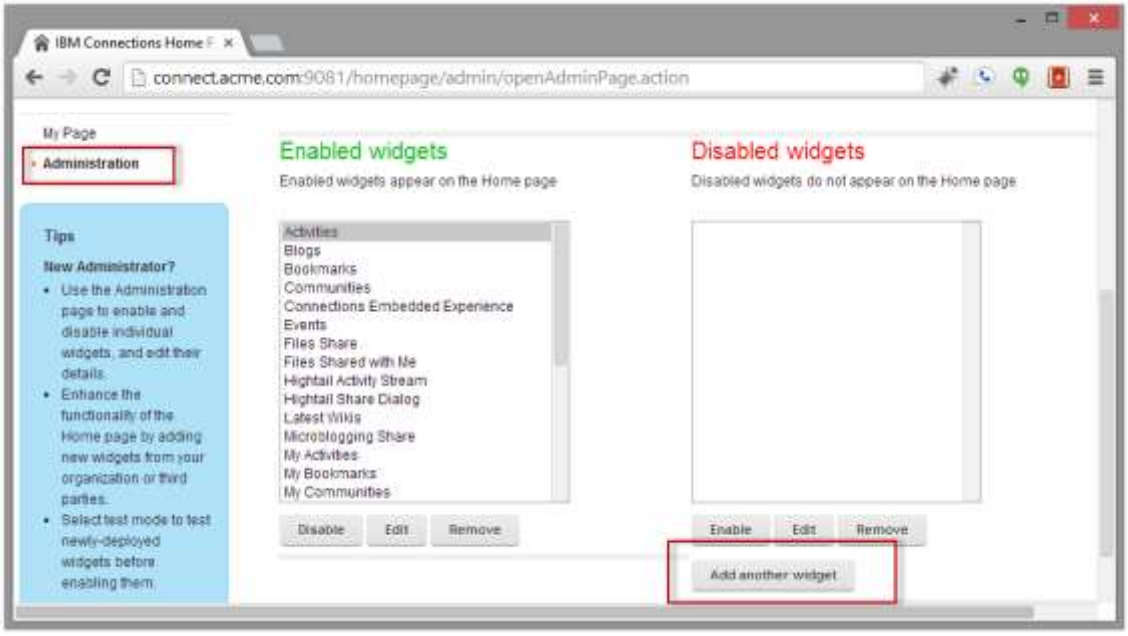
This section describes how to configure the gadgets after the Kaltura Extension for IBM Connections has been deployed.

To configure and deploy the My Media Gadget

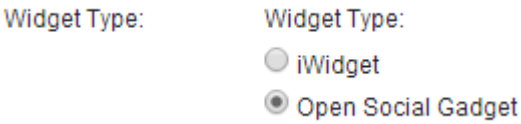
1. Open the file **KalturaMyMedia.xml** that is located in: << WebSphere Install Folder>> \AppServer\profiles\<<Server Node>>\kaltura\kaltura.ear\kaltura.war\gadgets



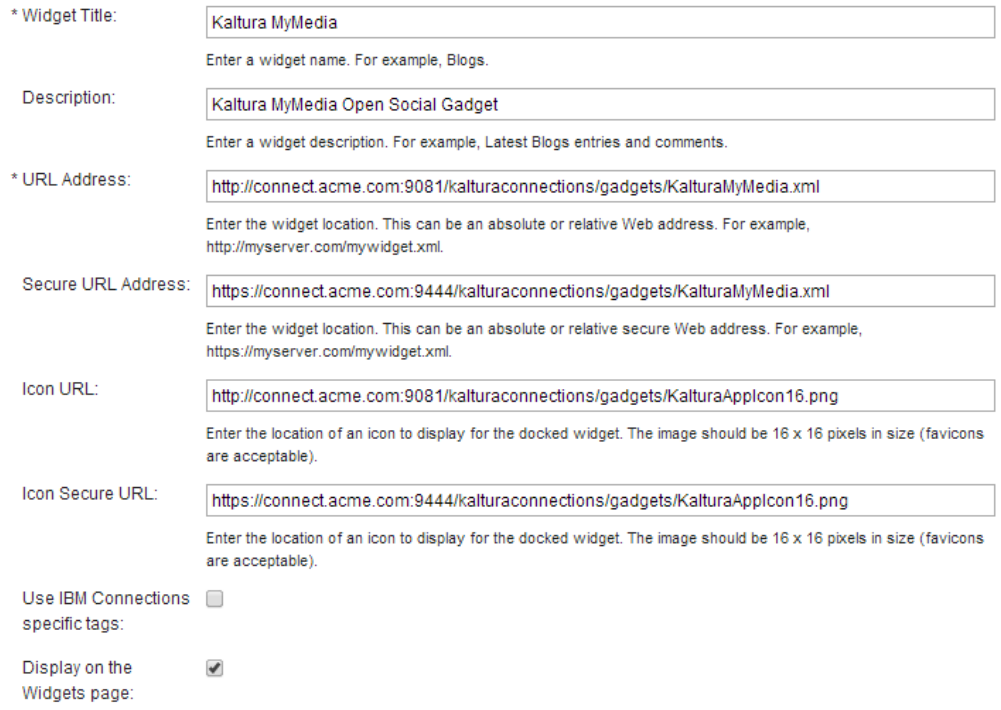
2. Update the **httpHost** and **httpsHost** values with your IBM Connections server host URL along with the relevant port numbers.
3. The **applicationPath** should point to the application context root defined in the WAR file installation.
4. Login to IBM Connections using an account that has Administrator privileges.
5. Navigate to the **Administration** section and click **Add another widget.**



6. Select the **Widget Type** as **Open Social Gadget**



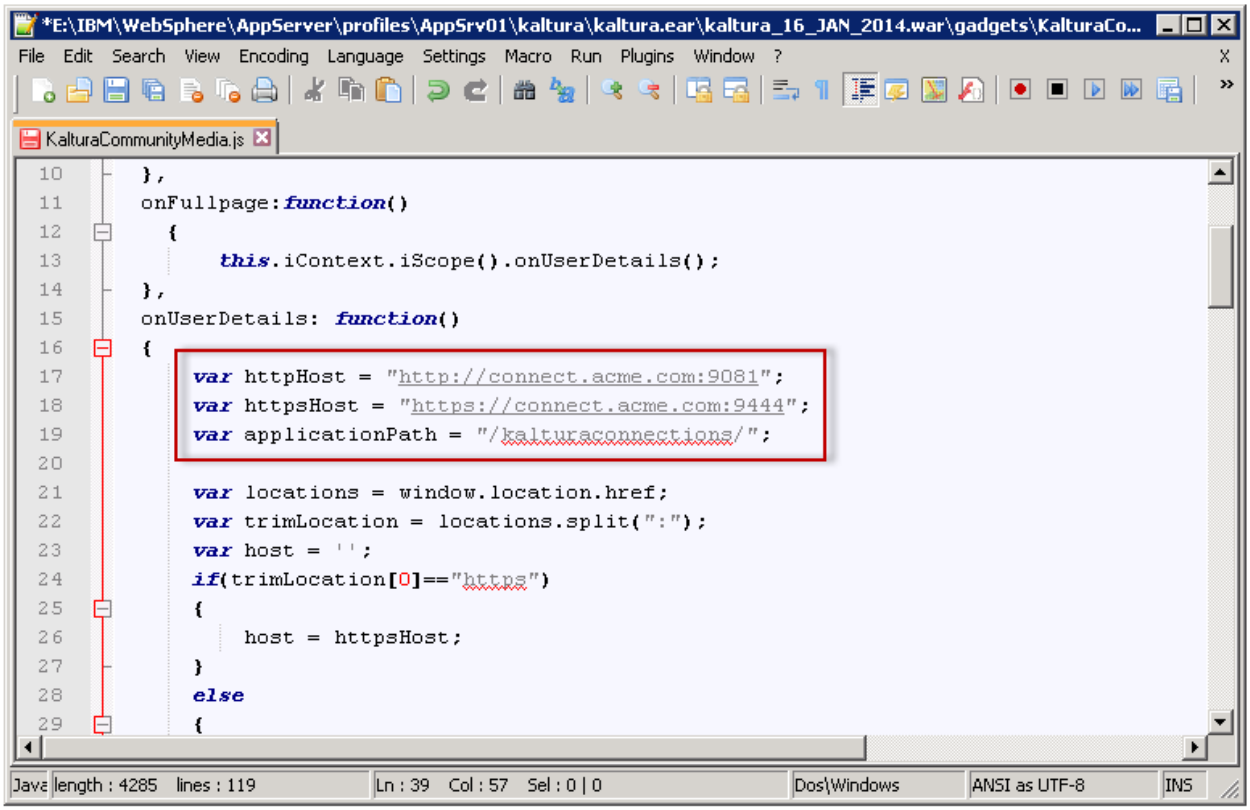
7. Specify the Gadget Title as **Kaltura My Media.**
8. Specify the URL Address as: http://<server>:<port>/kalturaconnections/gadgets/KalturaMyMedia.xml**.**
9. Specify the Icon URL as: http://<server>:<port>/kalturaconnections/gadgets/KalturaAppIcon16.png**.**
10. Similarly, specify the Secure URLs to the gadget and icon as seen in the following screenshot.
11. Select the checkboxes **Display on the Widgets Page**
12. Under Prerequisites, select the **opensocial** checkbox.



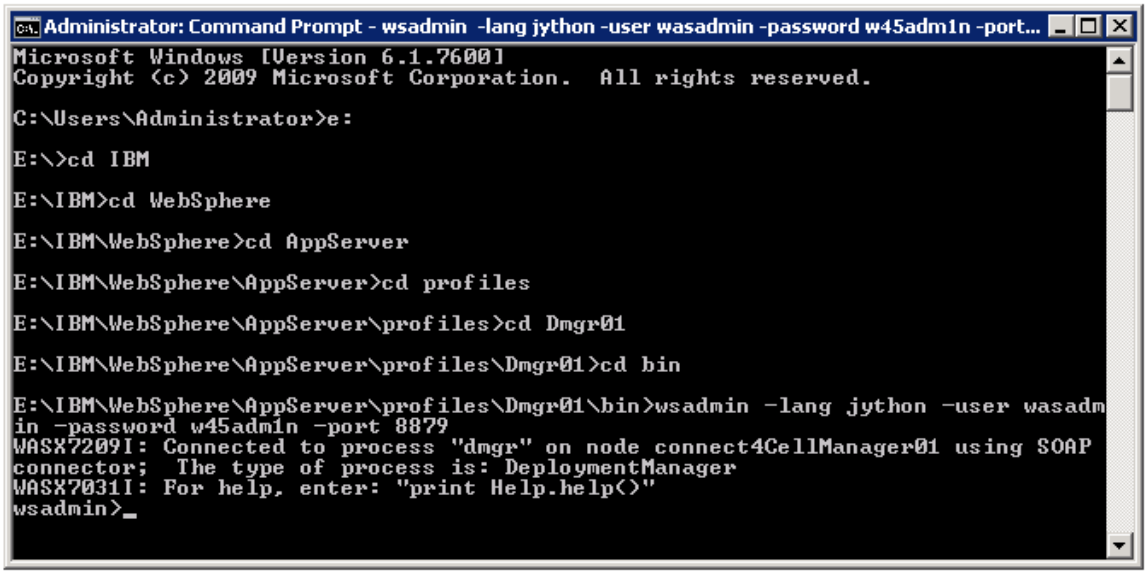
13. Click **Save** to deploy the widget.
    The widget will appear under the **Disabled widgets** list.
14. Select the list entry and click on **Enable** to enable the widget.
15. After the widget is enabled it will appear in the **Enabled widgets** list and will be available for all users.

To configure the Community Media Gallery Gadget

1. Open the file KalturaCommunityMedia.js that is located in: << WebSphere Install Folder>> \AppServer\profiles\<<Server Node>>\kaltura\kaltura.ear\kaltura.war\gadgets

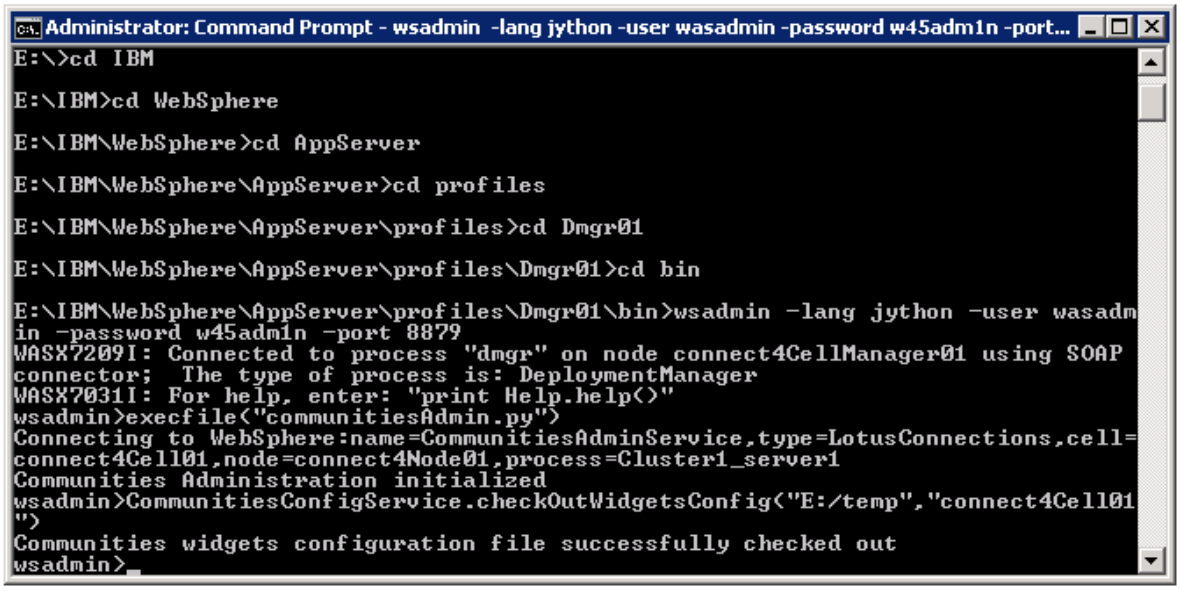


2. Update the **httpHost** and **httpsHost** values with your IBM Connections server host URL along with the relevant port numbers.
3. The **applicationPath** should point to the application context root defined during the WAR file installation.
4. Log into the IBM Connections server to deploy the Community Media Gallery gadget.
5. Start a command prompt with administrative privileges.
6. Navigate to <WebSphere Install Folder>\AppServer\profiles\dmgr01\bin
7. Run the following command: `wsadmin -lang jython -user <admin_username> -password <admin_password> -port 8879`



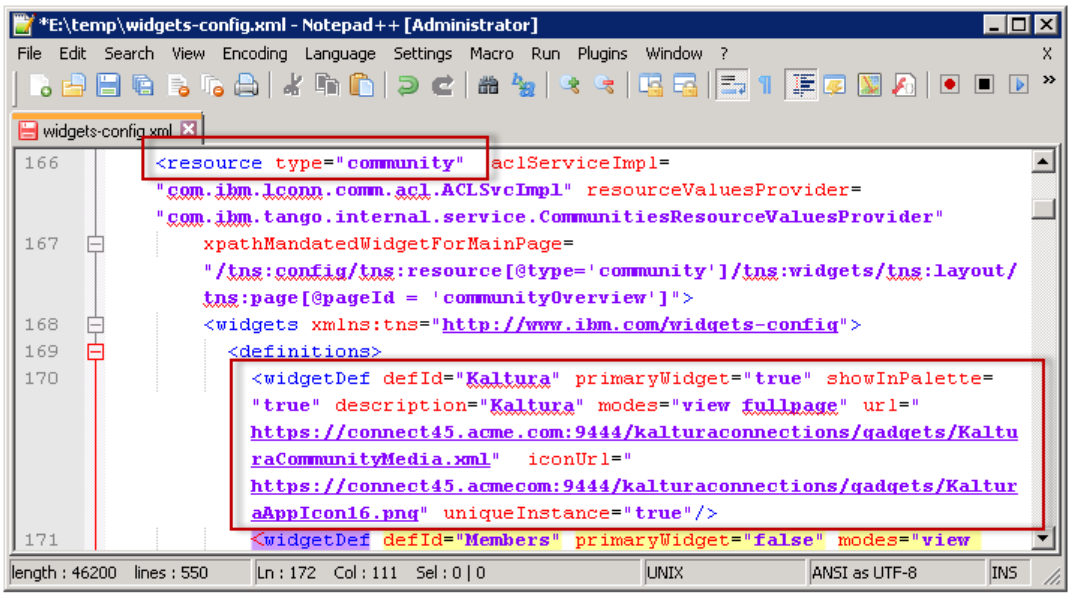
8. Run the following command: `execfile("communitiesAdmin.py")`
9. Run the following command:

```
CommunitiesConfigService.checkOutWidgetsConfig("Any Temporary Folder
Path","<Cell Node Name>")
```

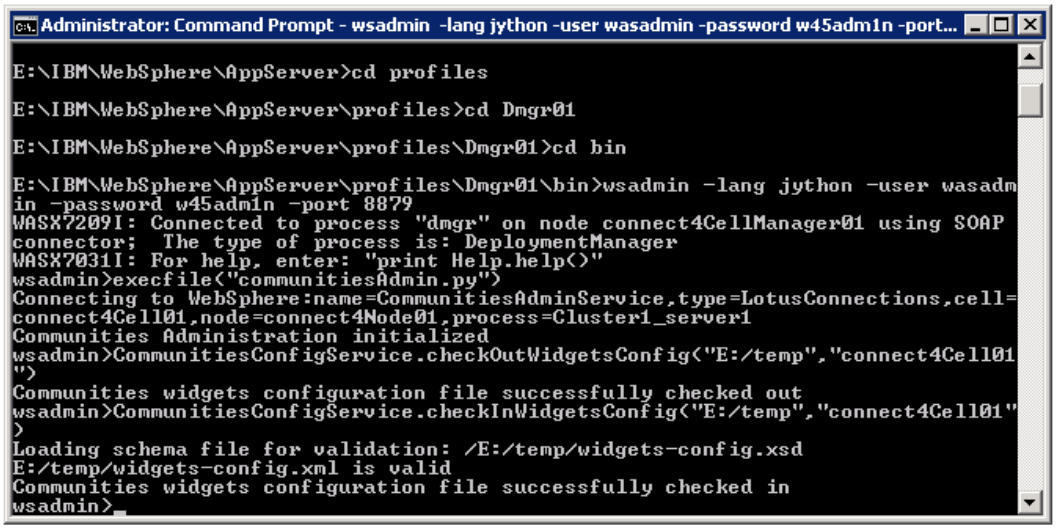


10. Go to the specified folder path. It should have a file named **widgets-config.xml**
11. Open the widgets-config.xml file using a text editor.
12. Under community resource, add the following tag:

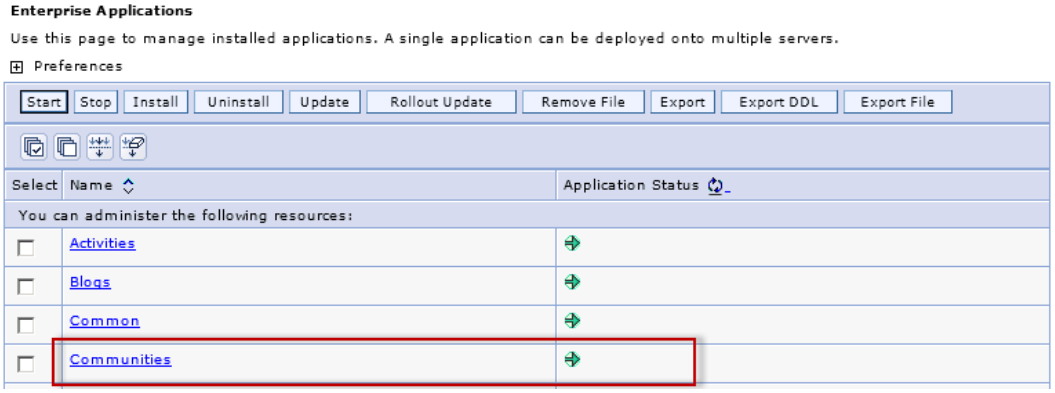
```
<widgetDef defId="Community Media Gallery" primaryWidget="true"
   showInPalette="true" description="Kaltura" modes="view fullpage"
   url="https://<server>:<port>/kalturaconnections/gadgets/KalturaCommunity
   Media.xml"
   iconUrl="https://<server>:<port>/kalturaconnections/gadgets/KalturaAppIc
   on16.png" uniqueInstance="true"/>
```



13. After saving the changes to the widgets-config.xml, run the following command:
```
CommunitiesConfigService.checkInWidgetsConfig("Any Temporary Folder
Path","<Cell Node Name>")
```



14. Close the command prompt.
15. Log into the WebSphere Web Console and restart the Communities module.



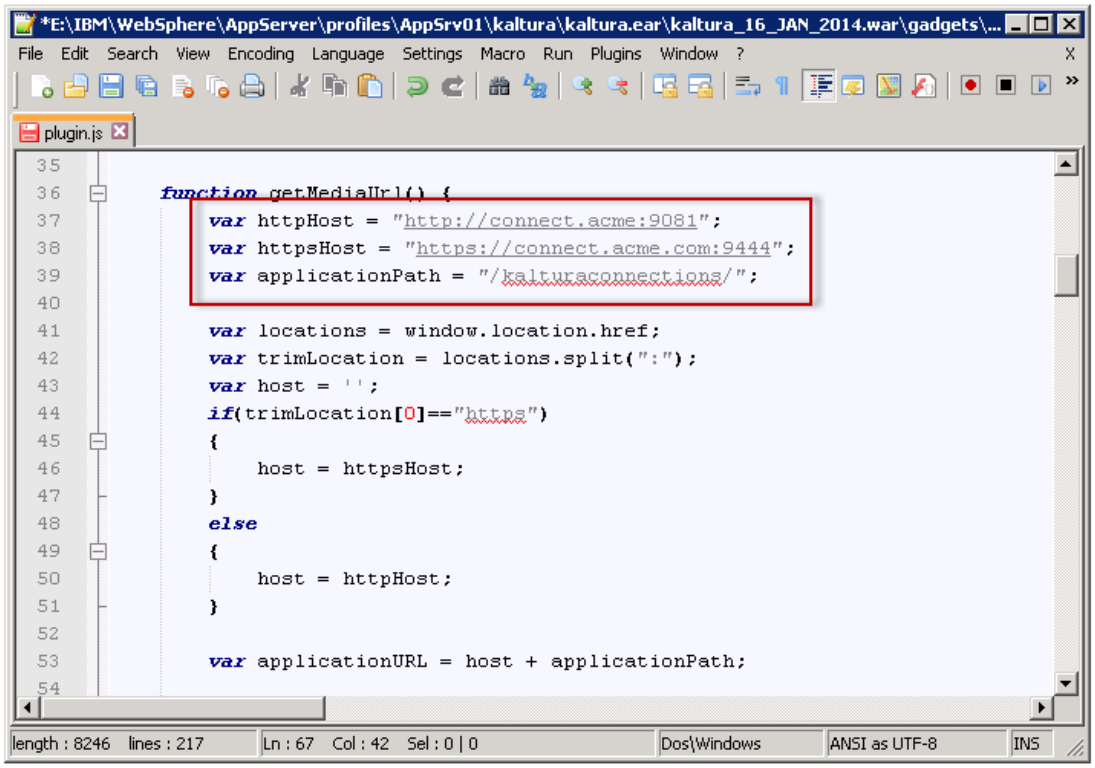
SECTION 5

Configuring the CKEditor Extension

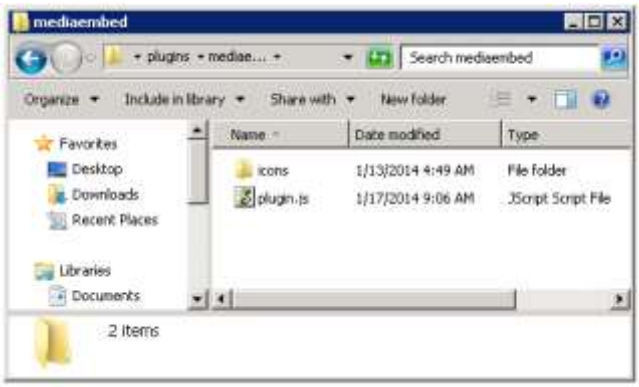
This section describes how to configure the CKEditor extension after the Kaltura Extension for IBM Connections has been deployed.

To configure the CKEditor Extension

1. Open the plugin.js that is located in << WebSphere Install Folder>> \AppServer\profiles\<<Server Node>>\kaltura\kaltura.ear\kaltura.war\gadgets\ckeditor plugin\mediaembed



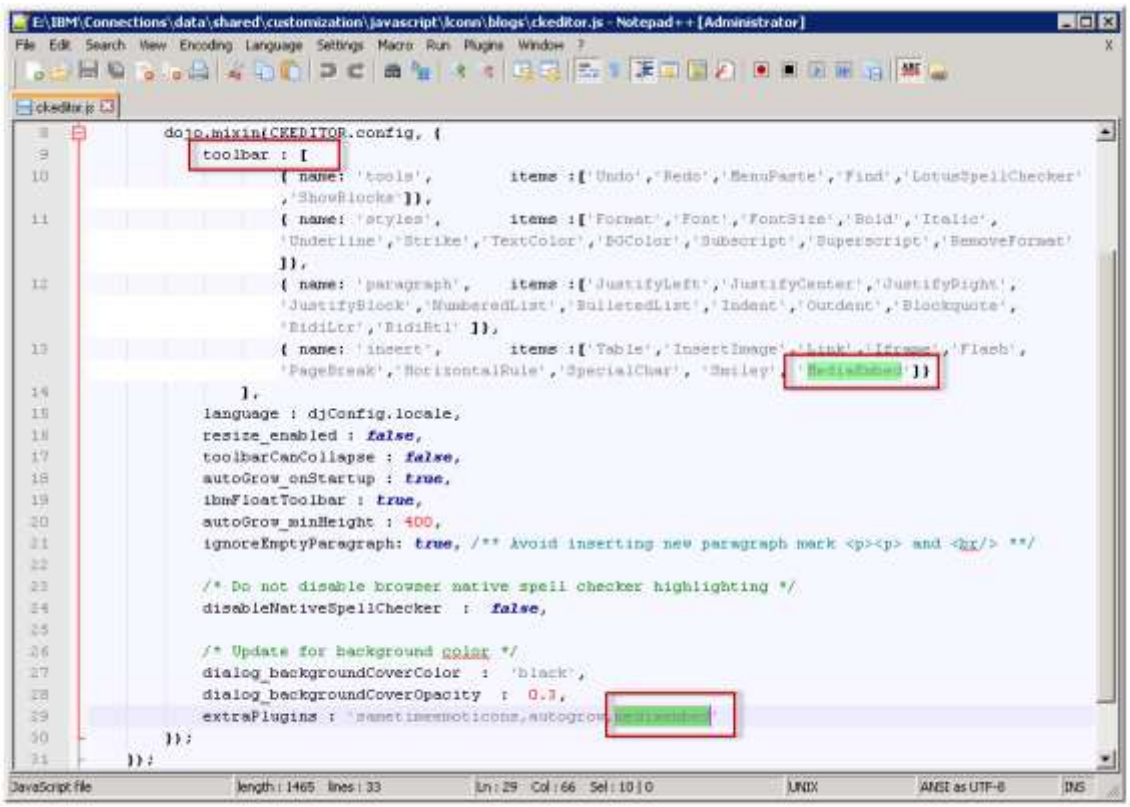
2. Update the **httpHost** and **httpsHost** values with your IBM Connections server host URL along with the relevant port numbers.
3. The **applicationPath** should point to the application context root defined during the WAR file installation.
4. To deploy the CKEditor extension, go to the folder *<Connections install folder>\data\shared\customization\javascript*
5. In the **javascript** folder create a new folder with the following hierarchy: **com\ibm\oneui\ckeditor\editor\plugins\mediaembed**
6. Copy to the newly created folder the files from the following path: <<WebSphere Install Folder>>\AppServer\profiles\<<Server Node>>\kaltura\kaltura.ear\kaltura.war\gadgets\ckeditor plugin\mediaembed



You now need to enable the new CKEditor extension for the various IBM Connection modules such as: Blogs, Wikis and Forums.

To enable the CKEditor Extension for blogs:

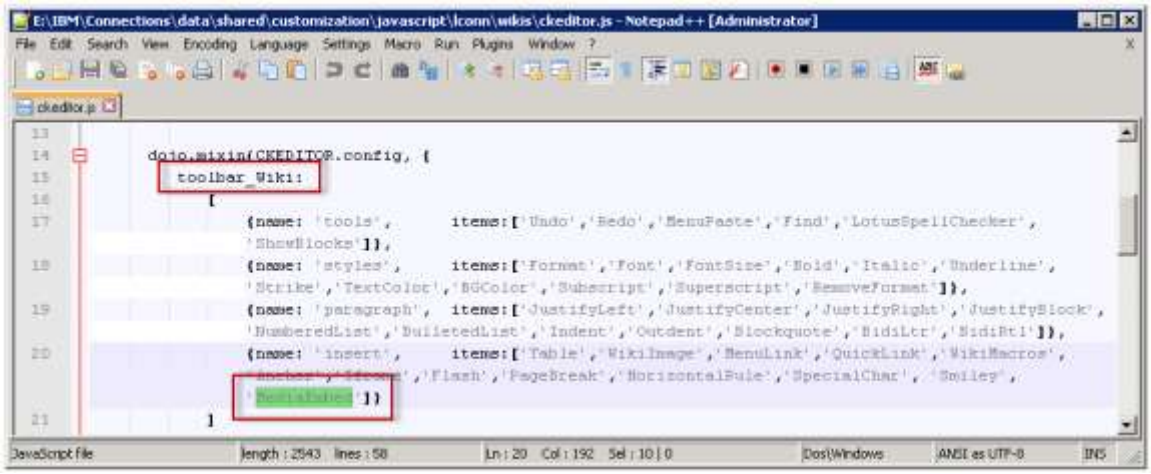
1. Go to the folder: <Connections install folder>\data\shared\customization\javascript
2. In the **javascript** folder, create a folder with the following hierarchy: **Iconn\blogs**
3. In the created folder, copy **ckeditor.js** from the **resources** folder in <Connections Install Folder>\data\shared\provision\webresources\com.ibm.lconn.blogs.web.resources_X.X.X.XXXXXXXX-XXXX.jar
4. Edit **ckeditor.js** and add references to the Kaltura extension.



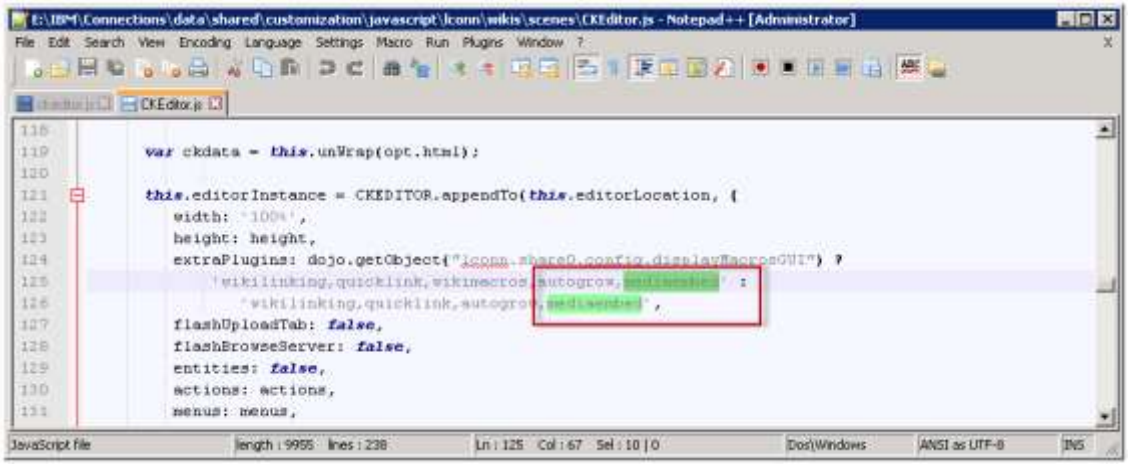
To enable the CKEditor Extension for wikis:

1. Go to the folder: <Connections install folder>\data\shared\customization\javascript
2. In the **javascript** folder, create a folder with the following hierarchy: **Iconn\wikis\scenes**
3. In the **Iconn\wikis** folder, copy **ckeditor.js** from the **resources** folder in <Connections Install Folder>\data\shared\provision\webresources\com.ibm.lconn.wikis.web.resources_X.X.X.XXXXXXXX-XXXX.jar

4. Edit **ckeditor.js** and add references to the Kaltura extension.

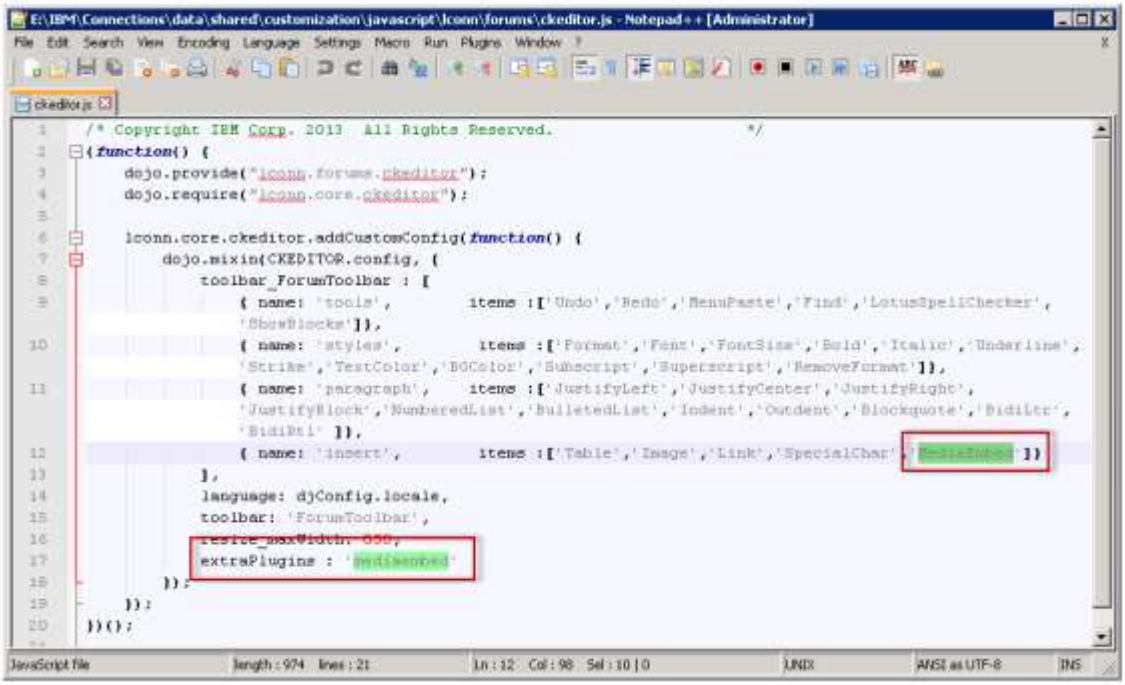


5. In the folder **lconn\wikis\scenes**, copy ckeditor.js from **resources\scenes** folder in <Connections Install Folder>\data\shared\provision\webresources\com.ibm.lconn.wikis.web.resources_X.X.X.XXXX XXXX-XXXX.jar
6. Edit the ckeditor.js file and add references to the Kaltura extension.



To enable the CKEditor Extension for forums

1. Go to the folder: <Connections install folder>\data\shared\customization\javascript
2. In the **javascript** folder, create a folder with the following hierarchy: **lconn\forums**
3. In the created folder, copy **ckeditor.js** from **resources** folder in <Connections Install Folder>\data\shared\provision\webresources\com.ibm.lconn.forums.web.resources_X.X.X.XX XXXXXX-XXXX.jar
4. Edit **ckeditor.js** and add references to the Kaltura extension.



NOTE: After modifying the CKEditor files, the IBM Connections server should be rebooted so that new extensions are loaded.