

Installation Guide

Kudos Boards v3.x

January 2018



Drives Performance
for IBM® Connections

ISW

© 2018 ISW Development Pty Ltd

Table of Contents

Installation Overview	3	Task 5.3 – Check in the widgets-config.xml file	47
Step 1: Setup the Java Message Service for Kudos Boards.....	4	Task 5.4 – Register Widgets (IBM Connections 6.0 CR1 onwards)	47
Task 1.1 - Login to the WebSphere Integrated Solution.....	4	Task 5.5 – Update the header.jsp and apps.jsp files for Kudos Boards	48
Task 1.2 - Create the JMS Topic Connection Factory.....	5	Step 6: Apply the Configuration Changes	50
Task 1.3 - Create the JMS Topic	11	Task 6.1 – Restart the Clusters.....	50
Task 1.4 - Set the Activation Specification	18	Step 7: Ensure the Kudos Boards application is started	51
Step 2: Install the Kudos Boards application	23	Step 8: Upload Your Licence File	52
Task 2.1 – Install the kudos-boards.ear file	23	Task 8.1 – Upload your licence file via the Administration page	52
Task 2.2 – Set the Security Roles	33	Step 9: Insert User credentials for posting to the Activity Stream	55
Step 3: Setup the IBM Social Business Toolkit for Kudos Boards.....	37	Task 9.1 – Add privileges for the SBT to interact with the Activity Stream	56
Task 3.1 – Customize the SBT Properties file.....	37	Task 9.2 – Enter the Credentials	60
Task 3.2 – Copy the SBT Properties file onto the Share drive.....	38	Step 10: Customising Kudos Boards Strings, Properties & Images (OPTIONAL)	63
Task 3.3 – Define the SBT Properties as a WebSphere Resource	39	Task 10.1 – Customising Kudos Boards Strings	63
Task 3.4 – Add Kudos Boards Related Strings to Connections.....	43	Task 10.2 – Customising Kudos Boards Properties	64
Task 3.5 – SPNEGO Authenticated Environments only – Add Activity Stream API to SPNEGO filter	44	Task 10.3 – Customising Kudos Boards Images.....	65
Step 5: Install the Kudos Boards Community Widget.....	45		
Task 5.1 – Check out the widgets-config.xml file.....	45		
Task 5.2 – Configure the Kudos Boards Community Widget	46		

Installation Overview



The following section provides an overview of the installation process and the packages that are to be installed.

For an experienced IBM Connections administrator or IBM WebSphere Application Server administrator, we expect that this installation process should take no longer than **one hour**.

The install process for Kudos Boards involves the following steps:

1. Setup the Java Message Service for Kudos Boards
2. Install the Kudos Boards application
3. Setup the IBM Social Business Toolkit for Kudos Boards
4. Import existing customised CSS (optional)
5. Install the Kudos Boards Community Widget
6. Apply the Configuration Changes
7. Ensure the Kudos Boards application is started
8. Insert your Licence Key
9. Insert User credentials for posting to the Activity Stream



Step 1: Setup the Java Message Service for Kudos Boards



The Kudos Boards Application relies on the Java Message Service being enabled for data communication purposes.

NOTE: In this installation guide we have used the default ConnectionsBus. If your environment is large this bus can become very busy and impact performance of the Board Synchronisation. In this case we would highly recommend you create and utilise a new KudosBus as described by [this documentation](#).

Task 1.1 - Login to the WebSphere Integrated Solution

Login to the Integrated Solution Console used as the Distribution Manager for your IBM Connections 4.x environment via a web browser.

Enter your administrator user name and password, then click the “Log in” button

A screenshot of a web browser window showing the 'Integrated Solutions Console' login page. The page has a title bar and a header area. Below the header, there is a section titled 'Log in to the console.' followed by two input fields: 'User ID:' with the text 'wasadmin' and 'Password:' with a masked password of ten dots. A 'Log in' button is located below the password field.

Integrated Solutions Console

Log in to the console.

User ID:
wasadmin

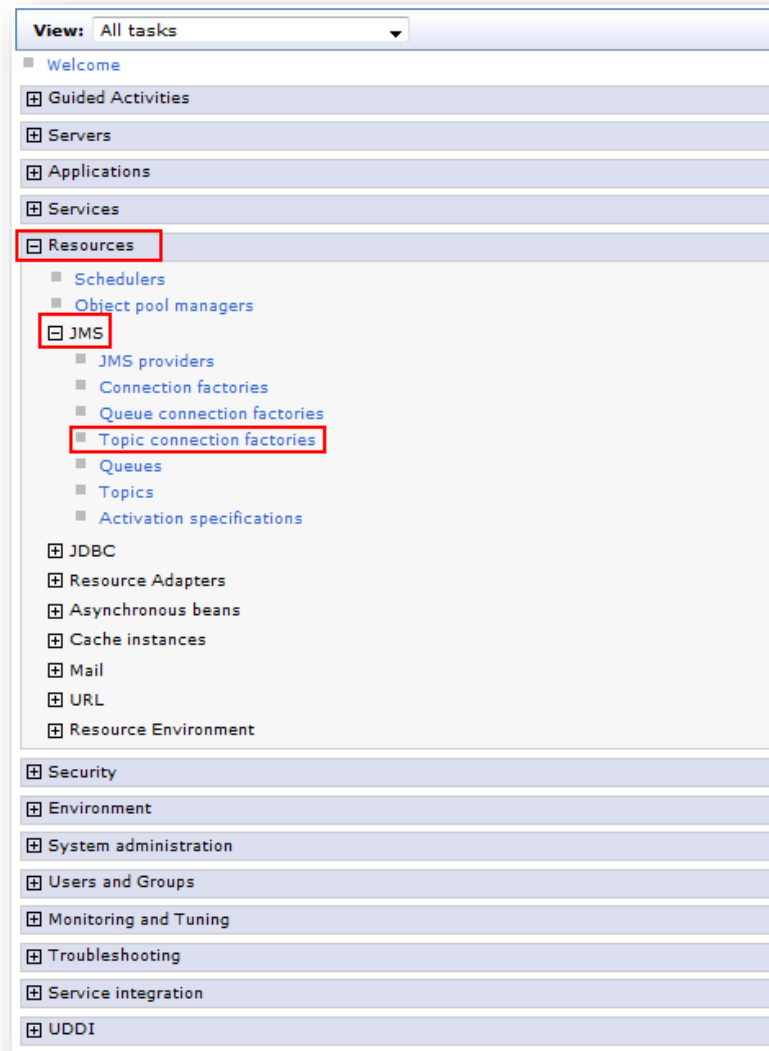
Password:
●●●●●●●●●●

Log in



Task 1.2 - Create the JMS Topic Connection Factory

In the Integrated Solutions Console navigate to **Resources** → **JMS** → **Topic connection factories**





Ensure that the Select Menu is set to your relevant **WebSphere Cell**.

Click **New**

Topic connection factories

A topic connection factory is used to create connections to the associated JMS provider of JMS topic destinations, for publish and subscribe messaging.

Scope: Cell=lullyCell01

Show scope selection drop-down list with the all scopes option

Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, [see the scope settings help](#).

Cell=lullyCell01

Preferences

New Delete

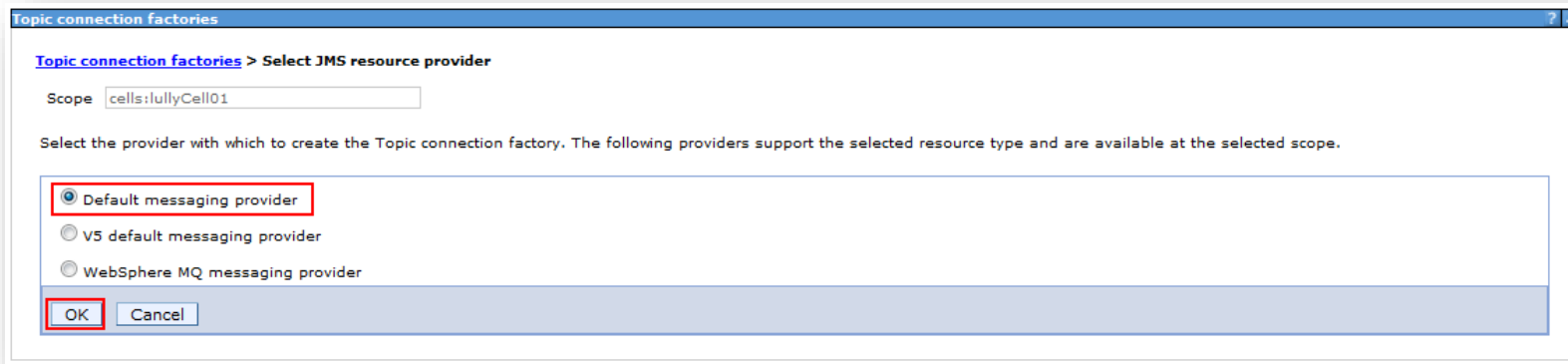
Select	Name	JNDI name	Provider	Description	Scope
You can administer the following resources:					
<input type="checkbox"/>	ActivityStreamSearch TCF	jms/connections/news/search/tcf	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Catalog TCF	jms/connections/catalog/tcf	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Events TCF	jms/connections/news/events/tcf	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Mail-In TCF	jms/connections/mailin/tcf	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	PlatformCommand TCF	jms/connections/profiles/command/tcf	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Search TCF	jms/connections/search/tcf	Default messaging provider		Cell=lullyCell01

Total 6



Select **Default messaging provider**

Click **Ok**





Complete each field as follows:

Name

Boards TCF

JNDI name

jms/isw/boards/tcf

Description

Topic Connection Factory for Kudos Boards

Bus name

ConnectionsBus

Connection proximity

Cluster

Topic connection factories > Boards TCF

A JMS topic connection factory is used to create connections to the associated JMS provider of JMS topics, for publish/subscribe messaging. Use topic connection factory administrative objects to manage JMS topic connection factories for the default messaging provider.

Configuration

General Properties

Administration

Scope: Cell=CSCell01

Provider: Default messaging provider

Name: Boards TCF

JNDI name: jms/isw/boards/tcf

Description: Topic Connection Factory for Kudos Boards

Category:

Connection

Bus name: ConnectionsBus

Target:

Target type: Bus member name

Target significance: Preferred

Target inbound transport chain:

Provider endpoints:

Connection proximity: Cluster

Additional Properties

- Connection pool properties

Related Items

- JAAS - J2C authentication data
- Buses



Complete each field as follows:

Client identifier

external

Durable subscription home

InfraCluster.000-ConnectionsBus

Mapping-configuration alias

DefaultPrincipalMapping

Container-managed authentication alias

connectionsAdmin

Click **OK**

Durable Subscription

Client identifier
external

Durable subscription home
InfraCluster.000-ConnectionsBus

Quality of Service

Nonpersistent message reliability
Express nonpersistent

Persistent message reliability
Reliable persistent

Advanced Messaging

Read ahead
Default

Temporary topic name prefix

Share durable subscriptions
In cluster

Pass message payload by reference

Applications using this Connection Factory to send messages:
- do not modify the data Object contained in a JMS Object Message
- populate a JMS Bytes Message using a single call to writeBytes(byte[]) and do not modify the byte array once it is contained in the message. Read the help before selecting this option.

Applications using this Connection Factory to receive messages:
- do not modify the data Object obtained from a JMS Object Message. The data Object is treated as read only. Read the help before selecting this option.

Advanced Administrative

Log missing transaction contexts

Manage cached handles

Share data source with CMP

Security settings

Select the authentication values for this resource.

Authentication alias for XA recovery
(none)

Mapping-configuration alias
DefaultPrincipalMapping

Container-managed authentication alias
connectionsAdmin

Apply OK Cancel



Click **Save** and Verify that **Boards TCF** is now listed.

Topic connection factories

Messages

⚠ Changes have been made to your local configuration. You can:

- **Save** directly to the master configuration.
- [Review](#) changes before saving or discarding. An option to synchronize the configuration across multiple nodes after saving can be enabled in [Preferences](#).

⚠ The server may need to be restarted for these changes to take effect.

Topic connection factories

Topic connection factories
A topic connection factory is used to create connections to the associated JMS provider of JMS topic destinations, for publish and subscribe messaging.

☐ Scope: Cell=lullyCell01

Show scope selection drop-down list with the all scopes option

Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, [see the scope settings help](#).

Cell=lullyCell01

☐ Preferences

New Delete

Select	Name	JNDI name	Provider	Description	Scope
You can administer the following resources:					
<input type="checkbox"/>	ActivityStreamSearch TCF	jms/connections/news/search/tcf	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Boards TCF	jms/isw/boards/tcf	Default messaging provider	Topic Connection Factory for Kudos Boards	Cell=lullyCell01
<input type="checkbox"/>	Catalog TCF	jms/connections/catalog/tcf	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Events TCF	jms/connections/news/events/tcf	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Mail-In TCF	jms/connections/mailin/tcf	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	PlatformCommand TCF	jms/connections/profiles/command/tcf	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Search TCF	jms/connections/search/tcf	Default messaging provider		Cell=lullyCell01
Total 7					



Task 1.3 - Create the JMS Topic

In the Integrated Solutions Console navigate to

Resources → JMS → Topics

Ensure that the Menu is set to relevant the **WebSphere Cell**

Click **New**

Cell=mahlerCell01, Profile=Umgr01

Topics

A JMS topic is used as a destination for publish/subscribe messaging.

Scope: Cell=mahlerCell01

Show scope selection drop-down list with the all scopes option

Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, [see the scope settings help.](#)

Cell=mahlerCell01

Preferences

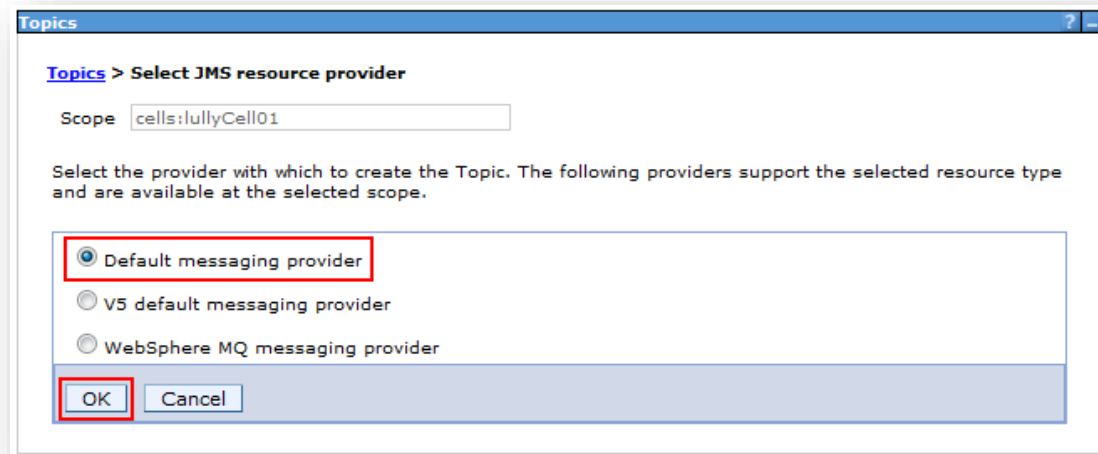
New Delete

Select	Name	JNDI name	Provider	Description	Scope
<input type="checkbox"/>	ActivityStreamSearch FollowingService Topic	jms/connections/news/search/followingservicetopic	Default messaging provider		Cell=mahlerCell01
<input type="checkbox"/>	ActivityStreamSearch Topic	jms/connections/news/search/admin/topic	Default messaging provider		Cell=mahlerCell01
<input type="checkbox"/>	Catalog Admin Topic	jms/connections/catalog/admin/topic	Default messaging provider		Cell=mahlerCell01
<input type="checkbox"/>	Communities Event Consumer Topic	jms/connections/communities/events/consumer/topic	Default messaging provider		Cell=mahlerCell01
<input type="checkbox"/>	Files Event Consumer Topic	jms/connections/files/events/consumer/topic	Default messaging provider		Cell=mahlerCell01
<input type="checkbox"/>	Mail-In Failed Topic	jms/connections/mailin/failed/topic	Default messaging provider		Cell=mahlerCell01
<input type="checkbox"/>	Mail-In Forums Topic	jms/connections/mailin/forums/topic	Default messaging provider		Cell=mahlerCell01
<input type="checkbox"/>	Metrics Event	jms/connections	Default		Cell=mahlerCell01



Select **Default messaging provider**

Click **OK**





Complete each field as follows:

Name

Boards Event Topic

JNDI name

jms/isw/boards/topic

Description

Topic for Kudos Boards events

Topic name

Boards Event Topic

Bus name

ConnectionsBus

The screenshot shows a web console window titled "Topics". The breadcrumb path is "Topics > Default messaging provider > New". Below this is a descriptive paragraph: "A JMS topic is used as a destination for publish/subscribe messaging. Use topic destination administrative objects to manage JMS topics for the default messaging provider." The main content area is divided into two sections: "Administration" and "Connection".

Administration Section:

- Scope: Cell=lullyCell01
- Provider: Default messaging provider
- * Name: Boards Event Topic
- * JNDI name: jms/isw/boards/topic
- Description: Topic for Kudos Boards events

Connection Section:

- Topic name: Boards Event Topic
- Bus name: ConnectionsBus
- * Topic space: Select...
- JMS delivery mode: Application
- Time to live: [input field] milliseconds
- Message priority: [input field]

On the right side, there is a "Related Items" section with a link to "Buses".



For Topic Space select

Create Service Integration Bus destination

Connection

Topic name
Boards Event Topic

Bus name
ConnectionsBus

* Topic space
Select...
Select...
connections.events
connections.platformCommands
connections.mailin
activitystreamsearch.topic.space
connections.search.topic
catalog.topic.space
Create Service Integration Bus destination
other, please specify

Enter the following details:

Identifier

kudos.boards

Description

Kudos Boards messaging destination

Click **Next**

Create new topic space

Create a new topic space for publish/subscribe messaging.

→ Step 1: Set topic space Attributes
Step 2: Confirm topic space creation

Set topic space Attributes

Configure the attributes of your new topic space

* Identifier
kudos.boards

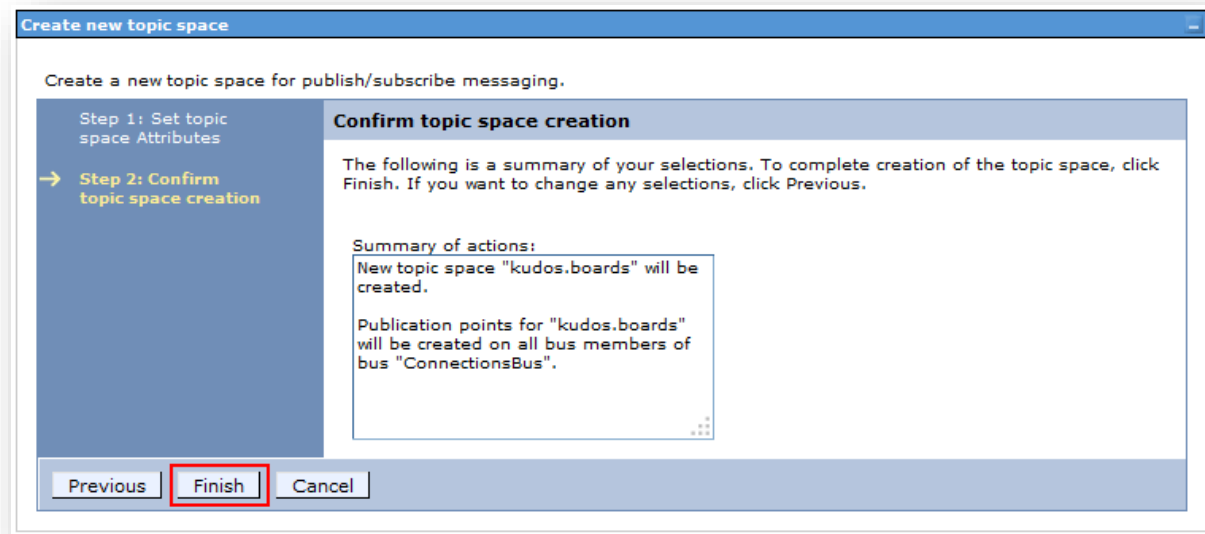
Description
Kudos Boards messaging destination

Next Cancel



Click **Finish**

This will create the Topic Space.





Confirm that the new Topic space is now selected:

kudos.boards

Click **OK**

Topics > [Default messaging provider](#) > New

A JMS topic is used as a destination for publish/subscribe messaging. Use topic destination administrative objects to manage JMS topics for the default messaging provider.

Configuration

General Properties

Administration

Scope
Cell=lullyCell01

Provider
Default messaging provider

* Name
Boards Event Topic

* JNDI name
jms/isw/boards/topic

Description
Topic for Kudos Boards events

Related Items

- Buses

Connection

Topic name
Boards Event Topic

Bus name
ConnectionsBus

* Topic space
kudos.boards

JMS delivery mode
Application

Time to live
 milliseconds

Message priority

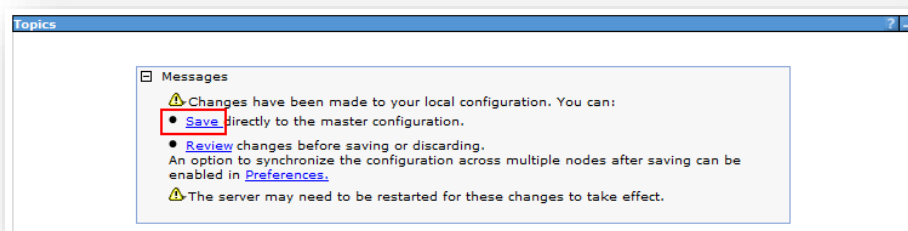
Advanced

Read ahead
Inherit from connection factory

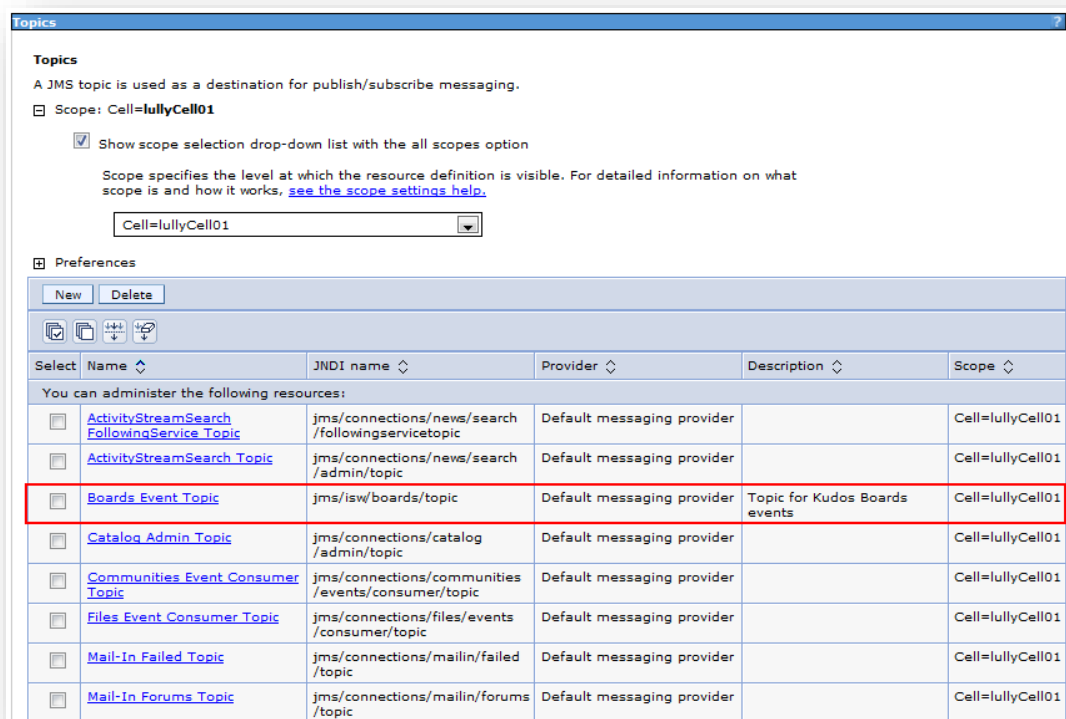
Apply **OK** Cancel



Click **Save**



Verify that Boards Event Topic is now listed





Task 1.4 - Set the Activation Specification

In the Integrated Solutions Console navigate to **Resources** → **JMS** → **Activation Specifications**

Ensure that the Menu is set to relevant the WebSphere Cell.

Click **New**

Cell=lullyCell01, Profile=Dmgr01

Activation specifications

Activation specifications
A JMS activation specification is associated with one or more message-driven beans and provides configuration necessary for them to receive messages.

☑ Scope: Cell=lullyCell01

Show scope selection drop-down list with the all scopes option

Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, [see the scope settings help](#).

Cell=lullyCell01

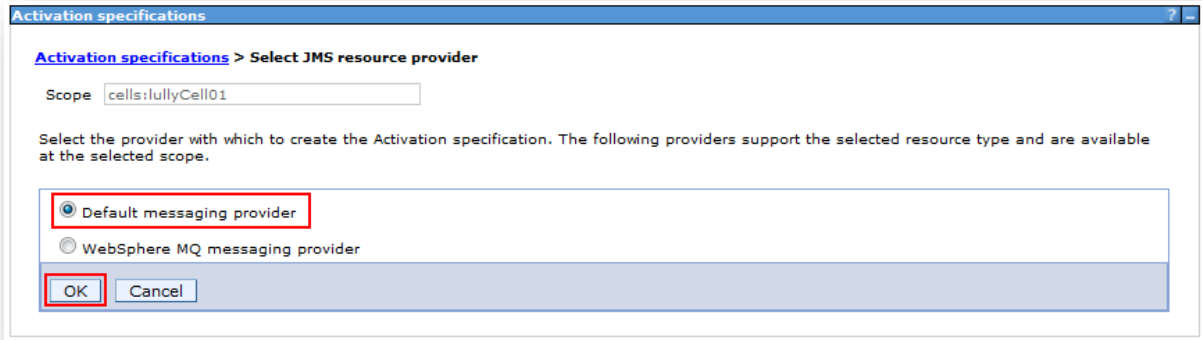
☑ Preferences

New Delete

Select	Name	JNDI name	Provider	Description	Scope
You can administer the following resources:					
<input type="checkbox"/>	Activities Platform Commands Consumer AS	jms/connections/activities/command/consumer/as	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	ActivityStreamSearch Admin Activation Spec	jms/connections/news/search/admin/as	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	ActivityStreamSearch FollowingService Activation Spec	jms/connections/news/search/followingserviceas	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Blogs Platform Commands Consumer AS	jms/connections/blogs/command/consumer/as	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Bookmarks Platform Commands Consumer AS	jms/connections/bookmarks/command/consumer/as	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Catalog Admin AS	jms/connections/catalog/admin/as	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Communities Event Consumer AS	jms/connections/communities/events/consumer/as	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Communities Platform Commands Consumer AS	jms/connections/communities/command/consumer/as	Default messaging provider		Cell=lullyCell01
<input type="checkbox"/>	Files Event Consumer AS	jms/connections/files/events/consumer/as	Default messaging provider		Cell=lullyCell01



Select Default messaging provider
Click Ok





Complete each field as follows:

Name

Boards Activation Spec

JNDI name

jms/isw/boards/as

Description

Activation specification Kudos Boards

Destination type

Topic

Destination JNDI name

jms/isw/boards/topic

Bus name

ConnectionsBus

Activation specifications

[Activation specifications](#) > [Default messaging provider](#) > [New](#)

A JMS activation specification is associated with one or more message-driven beans and provides the configuration necessary for them to receive messages.

Configuration

General Properties

Administration

Scope
Cell=lullyCell01

Provider
Default messaging provider

* Name
Boards Activation Spec

* JNDI name
jms/isw/boards/as

Description
Activation specification Kudos Boards

Destination

* Destination type
Topic

* Destination JNDI name
jms/isw/boards/topic

Message selector

* Bus name
ConnectionsBus

Acknowledge mode
Auto-acknowledge

Target

Target type
Bus member name

Target significance
Preferred

Related Items

- JAAS - J2C authentication data
- Buses



Enter each field as follows:

Durable subscription home

InfraCluster.000-ConnectionsBus

Always activate MDBs in all servers



Authentication alias

connectionsAdmin

Click **OK**

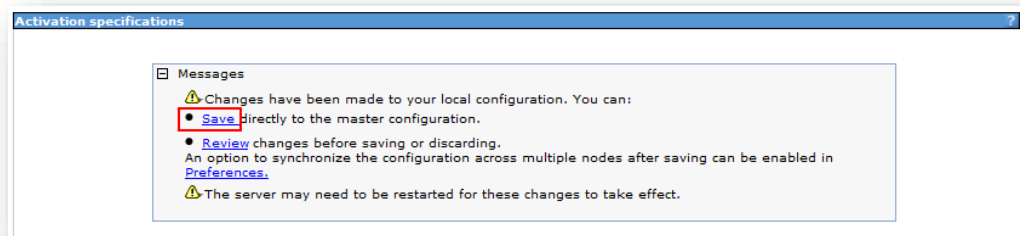
The screenshot shows a configuration dialog box with the following sections and settings:

- Subscription Durability**
 - Subscription durability: Nondurable
 - Subscription name: (empty)
 - Client identifier: (empty)
 - Durable subscription home: InfraCluster.000-ConnectionsBus
- Pass message payload by reference**
 - Applications using this Activation Specification to receive messages: - do not modify the data Object obtained from a JMS Object Message. The data Object is treated as read only. Read the help before selecting this option.
 - Applications resending messages that were originally received using this Activation Specification:
 - may replace the data Object in a JMS Object Message but do not modify the data Object once it is contained in the Message
 - may replace the byte array in a JMS Bytes Message, but only using a single call to writeBytes(byte[]) and do not modify the byte array once it is contained in the Message. Read the help before selecting this option.
- Advanced**
 - Share durable subscriptions: In cluster
 - Share data source with CMP
 - Read ahead: Default
 - Always activate MDBs in all servers
 - Retry interval: 30 Seconds
- Security settings**
 - Select the authentication values for this resource.
 - Authentication alias: connectionsAdmin

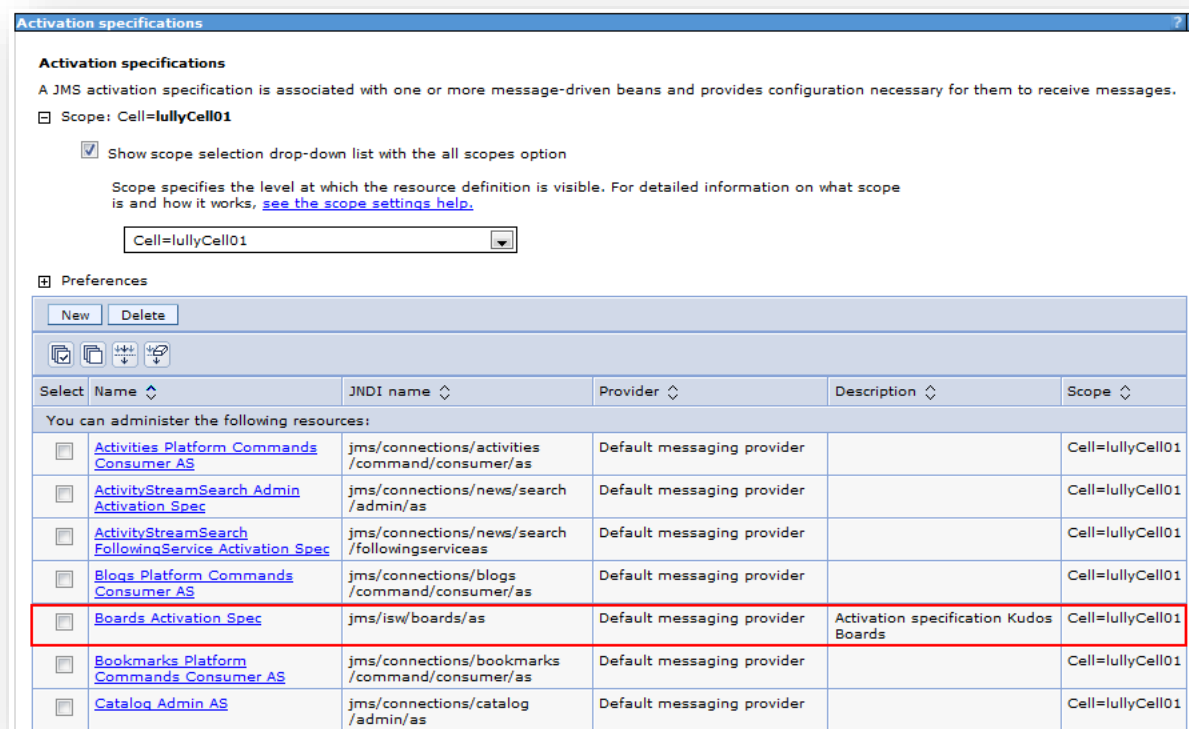
Buttons at the bottom: Apply, OK, Reset, Cancel



Click **Save**



Verify that Boards Activation Spec is now listed





Step 2: Install the Kudos Boards application

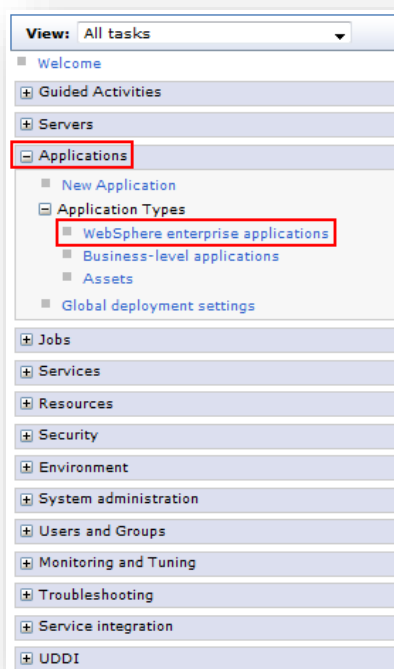


The Kudos Boards application is provided as a .ear file that is to be installed as a WebSphere Application in your IBM Connections 4+ server environment.

Note: this guide assumes that your Console preference is set to auto Synchronize changes with Nodes. If this is not the case you will need to perform a Full Resynchronize on the Nodes. Also, you may need to manually Generate and Propagate the Web-Server plugin-config.xml

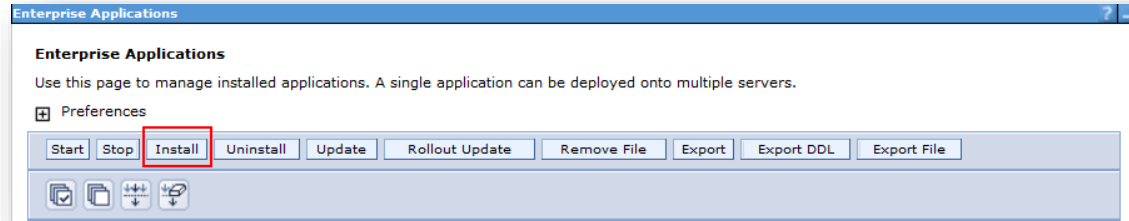
Task 2.1 – Install the kudos-boards.ear file

Navigate to **Applications** →
Application Types → **WebSphere**
enterprise applications



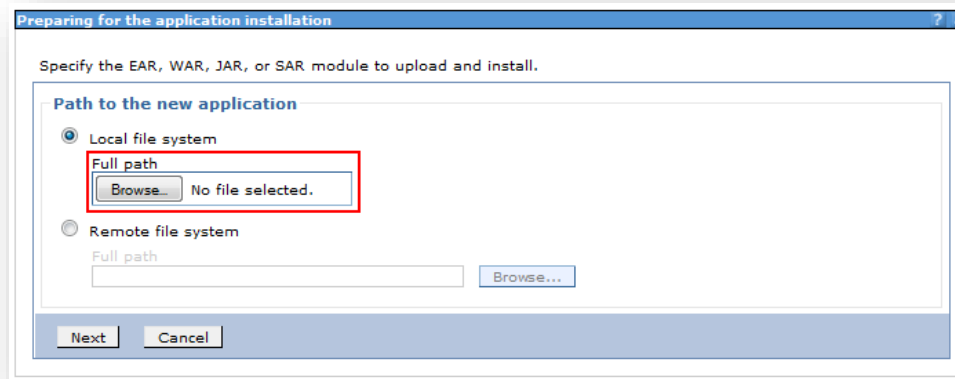


Click the ***Install*** button

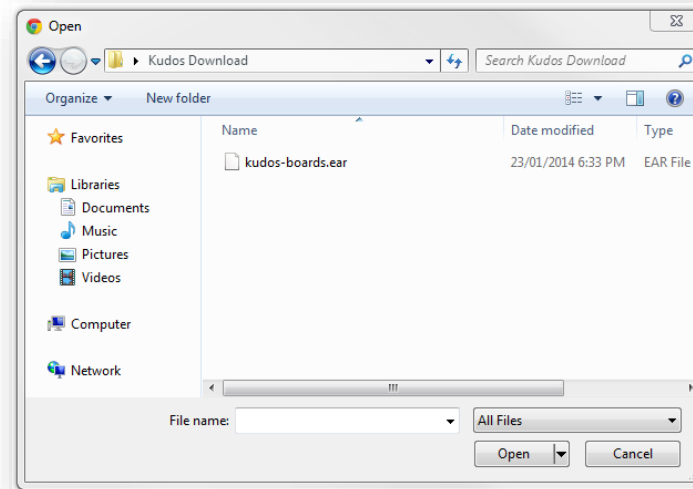




Click **Browse**

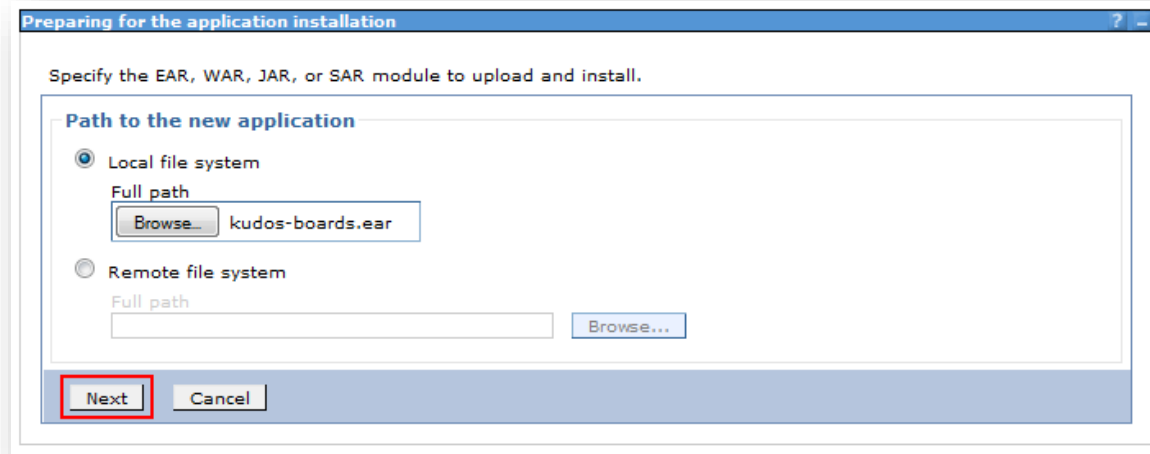


Browse the Local File System Path for the downloaded **kudos-boards.ear** file



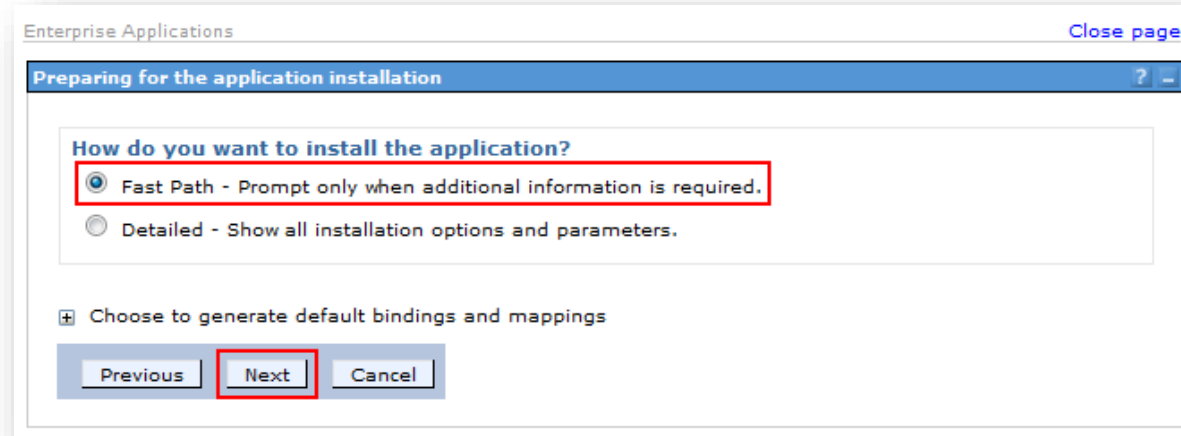


Click **Next**



Check the **Fast Path** Option

Click **Next**





Change the Application name to **Kudos Boards**

Click **Next**

Step 1: Select installation options

Step 2 Map modules to servers

Step 3 Metadata for modules

Step 4 Summary

Select installation options

Specify the various options that are available for your application.

- Precompile JavaServer Pages files
- Directory to install application:
- Distribute application
- Use Binary Configuration
- Deploy enterprise beans
- Application name:
- Create MBeans for resources
- Override class reloading settings for Web and EJB modules
- Reload interval in seconds:
- Deploy Web services
- Validate Input off/warn/fail:
- Process embedded configuration

File Permission

Allow all files to be read but not written to

Allow executables to execute

Allow HTML and image files to be read by everyone

Application Build ID:

- Allow dispatching includes to remote resources
- Allow servicing includes from remote resources
- Business level application name:
- Asynchronous Request Dispatch Type:
- Allow EJB reference targets to resolve automatically
- Deploy client modules
- Client deployment mode:
- Validate schema



Map the Kudos Boards application modules to the Nodes to run on.

Remember to map the **kudos-boards-client** to the IHS Node.

Please Note: It's recommended that you create a separate cluster for Kudos if your Connections install is bigger than 10,000 users. You can do this via the ISC by clicking on **Servers** → **Clusters** > **WebSphere application server clusters** and then clicking **New**.

Click **Next**

?
Install New Application

Specify options for installing enterprise applications and modules.

Step 1 Select installation options

→ Step 2: Map modules to servers

★ Step 3 Metadata for modules

Step 4 Summary

Map modules to servers

Specify targets such as application servers or clusters of application servers where you want to install the modules that are contained in your application. Modules can be installed on the same application server or dispersed among several application servers. Also, specify the Web servers as targets that serve as routers for requests to this application. The plug-in configuration file (plugin-cfg.xml) for each Web server is generated, based on the applications that are routed through.

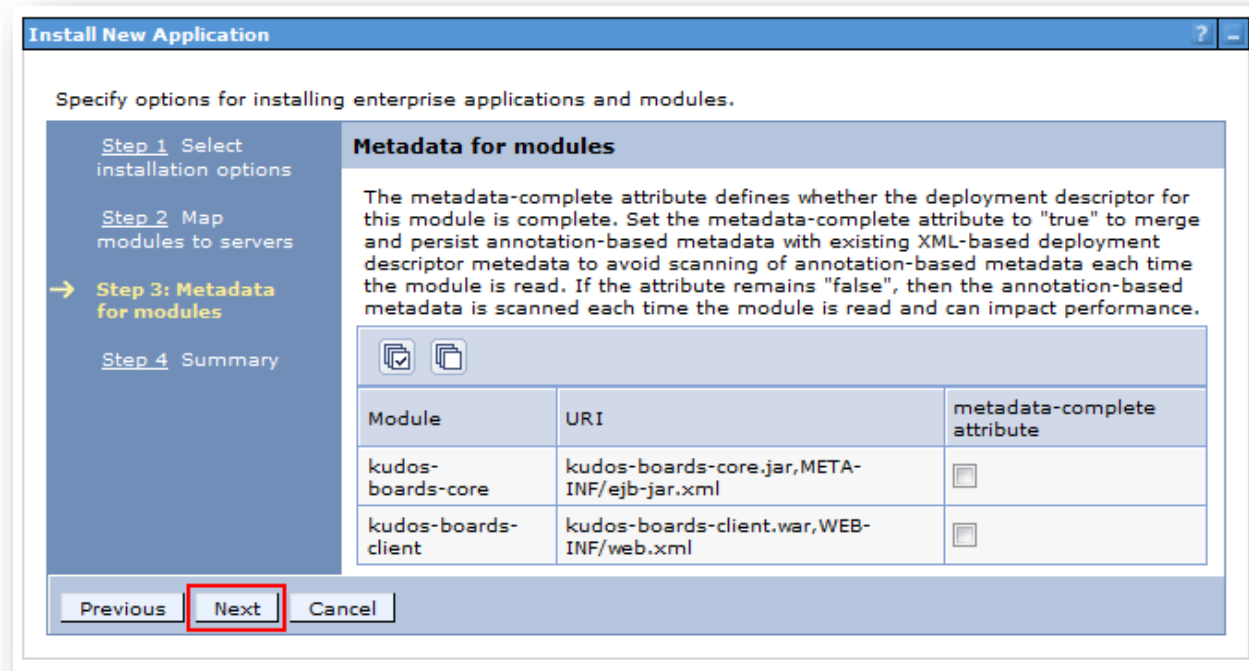
Clusters and servers:

WebSphere:cell=mahlerCell01,cluster=Cluster1
 WebSphere:cell=mahlerCell01,cluster=Cluster2
 WebSphere:cell=mahlerCell01,cluster=InfraCluster
 WebSphere:cell=mahlerCell01,node=HTTPServer,server=webserver1

Select	Module	URI	Server
<input type="checkbox"/>	kudos-boards-core	kudos-boards-core.jar,META-INF/ejb-jar.xml	WebSphere:cell=mahlerCell01,cluster=InfraCluster
<input type="checkbox"/>	kudos-boards-data	kudos-boards-data.jar,META-INF/ejb-jar.xml	WebSphere:cell=mahlerCell01,cluster=InfraCluster
<input type="checkbox"/>	kudos-boards-client	kudos-boards-client.war,WEB-INF/web.xml	WebSphere:cell=mahlerCell01,node=HTTPServer,server=webserver1 WebSphere:cell=mahlerCell01,cluster=InfraCluster



Click **Next**





Review the Installation Summary

Click **Finish**

Install New Application

Specify options for installing enterprise applications and modules.

[Step 1 Select installation options](#)
[Step 2 Map modules to servers](#)
[Step 3 Metadata for modules](#)
→ Step 4: Summary

Summary

Summary of installation options

Options	Values
Precompile JavaServer Pages files	No
Directory to install application	
Distribute application	Yes
Use Binary Configuration	No
Deploy enterprise beans	No
Application name	Kudos Boards
Create MBeans for resources	Yes
Override class reloading settings for Web and EJB modules	No
Reload interval in seconds	
Deploy Web services	No
Validate Input off/warn/fail	warn
Process embedded configuration	Yes
File Permission	.*\,dll=755#.*\,so=755#.*\,a=755#.*\,sl=755
Application Build ID	Unknown
Allow dispatching includes to remote resources	No
Allow servicing includes from remote resources	No
Business level application name	
Asynchronous Request Dispatch Type	Disabled
Allow EJB reference targets to resolve automatically	No
Deploy client modules	No
Client deployment mode	Isolated
Validate schema	No
Cell/Node/Server	Click here



Click **Save**

Installing...

If there are enterprise beans in the application, the EJB deployment process can take several minutes. Do not save the configuration until the process completes.

Check the SystemOut.log on the deployment manager or server where the application is deployed for specific information about the EJB deployment process as it occurs.

ADMA5016: Installation of Kudos Boards started.

ADMA5067: Resource validation for application Kudos Boards completed successfully.

ADMA5058: Application and module versions are validated with versions of deployment targets.

ADMA5005: The application Kudos Boards is configured in the WebSphere Application Server repository.

ADMA5053: The library references for the installed optional package are created.

ADMA5005: The application Kudos Boards is configured in the WebSphere Application Server repository.

ADMA5001: The application binaries are saved in /opt/IBM/WebSphere/AppServer/profiles/Dmgr01/wstemp/-1404924798/workspace/cells/lullyCell01/applications/Kudos Boards.ear/Kudos Boards.ear

ADMA5005: The application Kudos Boards is configured in the WebSphere Application Server repository.

SECJ0400: Successfully updated the application Kudos Boards with the appContextIDForSecurity information.

ADMA5005: The application Kudos Boards is configured in the WebSphere Application Server repository.

ADMA5113: Activation plan created successfully.

ADMA5011: The cleanup of the temp directory for application Kudos Boards is complete.

ADMA5013: Application Kudos Boards installed successfully.

Application Kudos Boards installed successfully.

To start the application, first save changes to the master configuration.

Changes have been made to your local configuration. You can:

- **Save** directly to the master configuration.
- [Review](#) changes before saving or discarding.

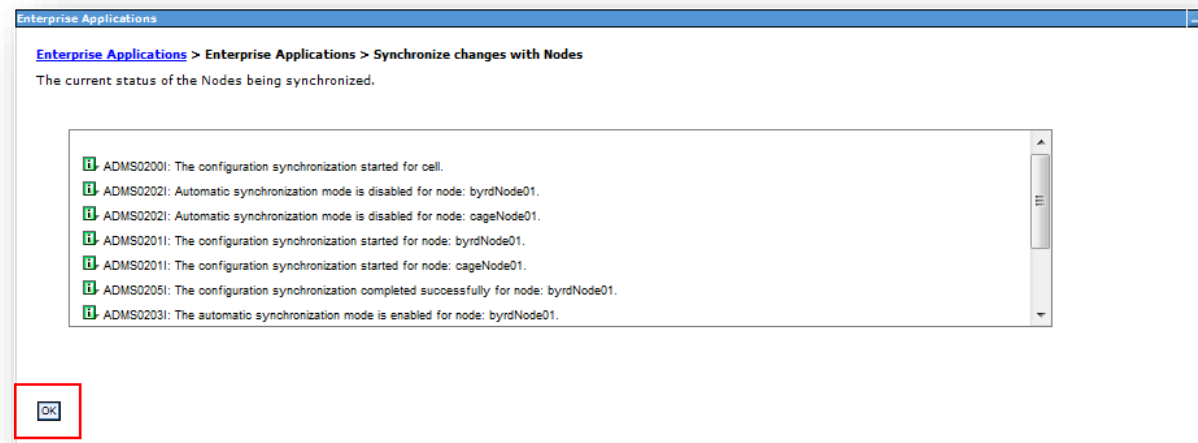
To work with installed applications, click the "Manage Applications" link.

[Manage Applications](#)



Review the Synchronisation Summary

Note: this guide assumes that your Console preference is set to auto Synchronize changes with Nodes. If this is not the case you will need to perform a Full Resynchronize on the Nodes. Also, you may need to manually Generate and Propagate the Web-Server plugin-config.xml



Click **OK**



Task 2.2 – Set the Security Roles

Click **Kudos Boards**

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:		
<input type="checkbox"/>	Activities	➔
<input type="checkbox"/>	Blogs	➔
<input type="checkbox"/>	Common	➔
<input type="checkbox"/>	Communities	➔
<input type="checkbox"/>	DefaultApplication	?
<input type="checkbox"/>	Doqear	➔
<input type="checkbox"/>	Files	➔
<input type="checkbox"/>	Forums	➔
<input type="checkbox"/>	Help	➔
<input type="checkbox"/>	Homepage	➔
<input type="checkbox"/>	Kudos	➔
<input type="checkbox"/>	Kudos Boards	✖
<input type="checkbox"/>	Metrics	➔
<input type="checkbox"/>	Mobile	➔
<input type="checkbox"/>	Mobile Administration	➔
<input type="checkbox"/>	Moderation	➔
<input type="checkbox"/>	News	➔
<input type="checkbox"/>	Profiles	➔

Page: 1 of 2 Total 28



Click *Security role to user/group mapping*

Enterprise Applications > **Kudos Boards**

Use this page to configure an enterprise application. Click the links to access pages for further configuring of the application or its modules.

Configuration

General Properties

* Name
Kudos Boards

Application reference validation
Issue warnings

Detail Properties

- [Target specific application status](#)
- [Startup behavior](#)
- [Application binaries](#)
- [Class loading and update detection](#)
- [Request dispatcher properties](#)
- [Security role to user/group mapping](#)**
- [JASPI provider](#)
- [Custom properties](#)
- [View Deployment Descriptor](#)
- [Last participant support extension](#)

References

- [Resource references](#)
- [Message destination references](#)
- [Shared library references](#)
- [Shared library relationships](#)

Modules

- [Manage Modules](#)
- [Metadata for modules](#)
- [Display module build Ids](#)

Web Module Properties

- [Session management](#)
- [Context Root For Web Modules](#)
- [JSP and JSF options](#)
- [Virtual hosts](#)

Enterprise Java Bean Properties

- [Default messaging provider references](#)
- [Stateful session bean failover settings](#)
- [Application profiles](#)
- [Bind EJB Business](#)
- [Message Driven Bean listener bindings](#)
- [EJB JNDI names](#)

Client Module Properties

- [Client module deployment mode](#)

Database Profiles

- [SQLJ profiles and pureQuery bind files](#)



Set the security role mappings:

Everyone

Users allowed to access the resources of Kudos Boards. Normally set to either **Everyone** or **All Authenticated in Application's Realm**.

Reader

Users allowed to view any Kudos Boards data. Normally set to **All Authenticated in Application's Realm**.

Writer

Users allowed to use Kudos Boards to perform changes through Kudos Boards. Normally set to **All Authenticated in Application's Realm**.

Admin

Users allowed to configure Kudos Boards. Normally set to Administrator users, ie waslocaladmin. This role is required by the User entering the Licence key.

Click **OK**

Enterprise Applications > **Kudos Boards** > **Security role to user/group mapping**

Security role to user/group mapping

Each role that is defined in the application or module must map to a user or group from the domain user registry. accessIds: The accessIds are required only when using cross realm communication in a multi domain scenario. For all other scenarios the accessId will be determined during the application start based on the user or group name. The accessIds represent the user and group information that is used for Java Platform, Enterprise Edition authorization when using the WebSphere default authorization engine. The format for the accessIds is user:realm/uniqueUserID, group:realm/uniqueGroupID. Entering wrong information in these fields will cause authorization to fail. AllAuthenticatedInTrustedRealms: This indicates that any valid user in the trusted realms be given the access. AllAuthenticated: This indicates that any valid user in the current realm be given the access.

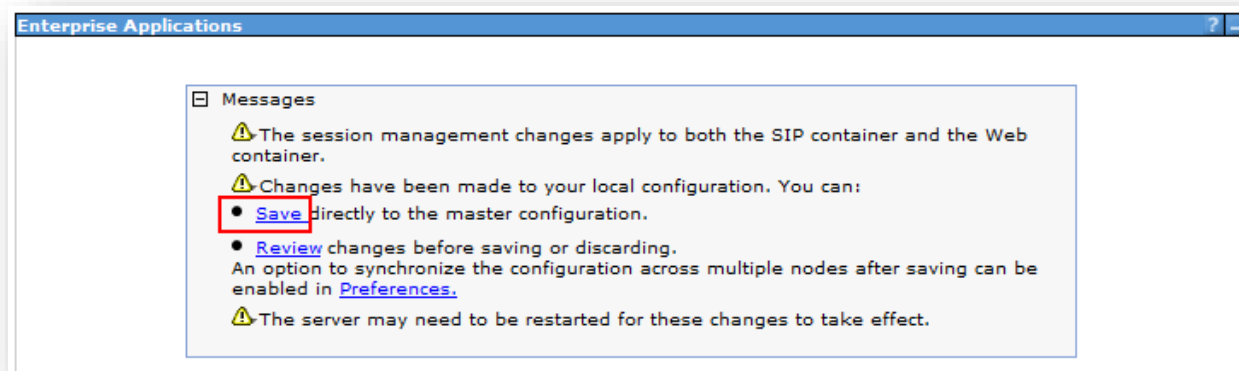
Map Users... Map Groups... Map Special Subjects ▾

Select	Role	Special subjects	Mapped users	Mapped groups
<input type="checkbox"/>	Everyone	Everyone		
<input type="checkbox"/>	Reader	All Authenticated in Application's Realm		
<input type="checkbox"/>	Writer	All Authenticated in Application's Realm		
<input type="checkbox"/>	Admin	None	AWelch JAgrawal abrown waslocaladmin	

OK Cancel

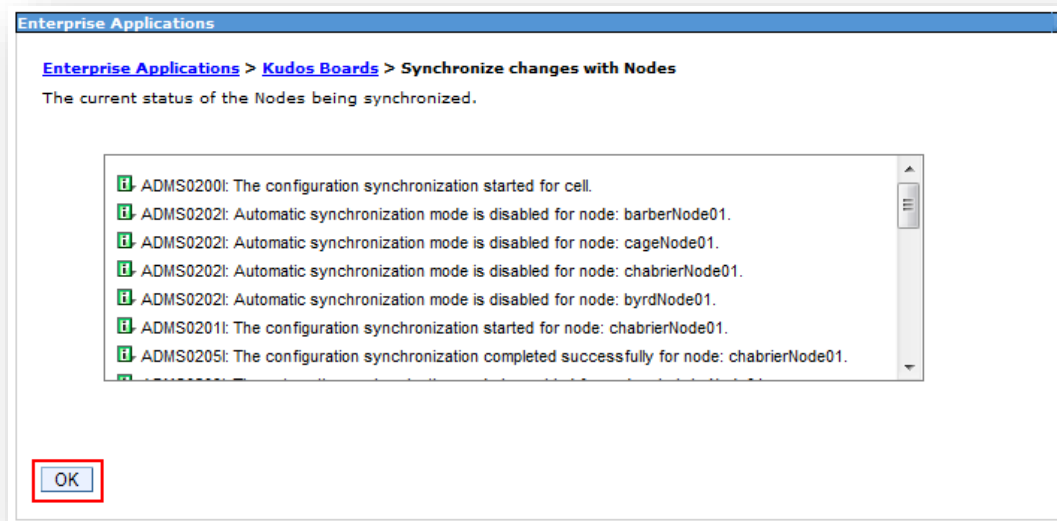


Select **Save**



Review the Synchronisation Summary.

Click **OK**





Step 3: Setup the IBM Social Business Toolkit for Kudos Boards



The Kudos Boards Application relies on the IBM Social Business Toolkit to interact with IBM Connections.

This step uses property files supplied along with Kudos. You can copy them from the *install-files* folder within the kudos-boards.ear. Once the Kudos Boards application is installed you can access this folder through the installedApps folder of your WebSphere environment. For example: /opt/IBM/WebSphere/AppServer/profiles/<app-server-profile>/installedApps/<cell-name>/Kudos_Boards.ear/install-files

Task 3.1 – Customize the SBT Properties file

Customize the sbt.properties file supplied (within the *install-files* folder of the kudos-boards.ear) with the following changes:

<CONNECTIONS_ENVIRONMENT_URL>

The URL of your Connections environment

<CONNECTIONS_ENVIRONMENT_VERSION>

The version of your IBM Connections installation (4.0, 4.5, 5.0, 5.5 or 6.0)

```
# IBM Social Business Toolkit Configuration

# Library Servlet Configuration
#clientProperties=
environments=Default:defaultEnvironment,Connections:connectionsEnvironment,SmartCloud:smartcloudEnvironment,Third Pa

# Connections Basic Endpoint Parameters
connections.url=https://<CONNECTIONS_ENVIRONMENT_URL>
connections.authenticationPage=
connections.authenticationService=communities/service/atom/communities/my
connections.apiVersion=<CONNECTIONS_ENVIRONMENT_VERSION>
connections.basic.user=
connections.basic.password=

# Connections OAuth 2.0 Endpoint Parameters
connectionsOA2.url=https://<CONNECTIONS_ENVIRONMENT_URL>
connectionsOA2.serviceName=kudosboards
connectionsOA2.appId=kudosboards
connectionsOA2.consumerKey=kudosboards
connectionsOA2.consumerSecret=
connectionsOA2.authorizationURL=https://<CONNECTIONS_ENVIRONMENT_URL>/oauth2/endpoint/connectionsProvider/authorize
connectionsOA2.accessTokenURL=https://<CONNECTIONS_ENVIRONMENT_URL>/oauth2/endpoint/connectionsProvider/token
connectionsOA2.apiVersion=<CONNECTIONS_ENVIRONMENT_VERSION>
```



For example:

connections.company.com
4.5

```
# IBM Social Business Toolkit Configuration

# Library Servlet Configuration
#clientProperties=
environments=Default:defaultEnvironment,Connections:connectionsEnvironment,SmartCloud:smartcloudEnvironment,Th

# Connections Basic Endpoint Parameters
connections.url=https://connections.company.com
connections.authenticationPage=
connections.authenticationService=communities/service/atom/communities/my
connections.apiVersion=4.5
connections.basic.user=
connections.basic.password=

# Connections OAuth 2.0 Endpoint Parameters
connectionsOA2.url=https://connections.company.com
connectionsOA2.serviceName=kudosboards
connectionsOA2.appId=kudosboards
connectionsOA2.consumerKey=kudosboards
connectionsOA2.consumerSecret=
connectionsOA2.authorizationURL=https://connections.company.com/oauth2/endpoint/connectionsProvider/authorize
connectionsOA2.accessTokenURL=https://connections.company.com/oauth2/endpoint/connectionsProvider/token
connectionsOA2.apiVersion=4.5
```

Please Note:

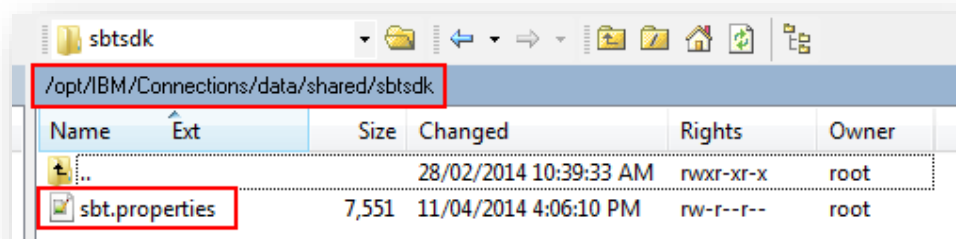
Acceptable values for *connections.apiVersion* are **4, 4.5, 5.0, 5.5 and 6.0**

Task 3.2 – Copy the SBT Properties file onto the Share drive

Create a new folder called **sbtsdk** in the shared data directory.

Copy the sbt.properties file to this directory.

In this example, the file should be copied to:
/opt/IBM/Connections/data/shared/sbtsdk





Task 3.3 – Define the SBT Properties as a WebSphere Resource

In the Integrated Solutions Console navigate to **Resources** → **URLs** → **URLs**

Ensure that the Menu is set to relevant the WebSphere Cell.

Click **New**

The screenshot shows the WebSphere Integrated Solutions Console interface. On the left, a navigation tree is visible with the following structure:

- View: All tasks
- Welcome
- Guided Activities
- Servers
- Applications
- Jobs
- Services
- Resources**
 - Schedulers
 - Object pool managers
 - JMS
 - JDBC
 - Resource Adapters
 - Asynchronous beans
 - Cache instances
 - Mail
 - URL**
 - URL providers
 - URLs**
 - Resource Environment
- Security
- Environment
- System administration
- Users and Groups
- Monitoring and Tuning
- Troubleshooting
- Service integration
- UDDI

The main content area shows the configuration page for a new URL resource. The page title is "Cell=cageCell01, Profile=Dmgr01". The page content includes:

- URLs** section: "Use this page to configure uniform resource locators (URLs), which point to electronically accessible resources, such as a directory file on a machine in a network or a document stored in a database."
- Scope:** Cell=cageCell01
- Show scope selection drop-down list with the all scopes option
- Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, [see the scope settings help.](#)
- A dropdown menu for Scope is set to "Cell=cageCell01".
- Preferences** section:
 - New...** (highlighted) and **Delete** buttons.
 - Icons for copy, paste, add, and remove.
 - Table headers: Select, Name, JNDI name, Scope, Provider, Description, Category.
 - Table content: None
 - Total 0



Enter the following details:

Name:
SBT Properties

JNDI name:
url/ibmsbt-sbtproperties

Specification:
The address to the sbt.properties file you created earlier.

For example:

Linux:

file:///opt/IBM/Connections/data/shared/sbtsdk/sbt.properties

Windows

file:///C:/IBM/Connections/data/shared/sbtsdk/sbt.properties

Click **OK**

The screenshot shows a web browser window titled 'URLs'. At the top, there is a 'Messages' box with an information icon and the text: 'Additional Properties for this object will not be available to edit until its general properties are applied by clicking on either Apply or OK.' Below this is a link for 'URLs > New...'. The main content area is titled 'Configuration' and contains a 'General Properties' section. The 'Scope' field is set to 'cells:cageCell01'. The 'Provider' section shows 'Default URL Provider' selected in a dropdown menu, with a 'Create New Provider' button below it. A red box highlights the 'Name' field (set to 'SBT Properties'), the 'JNDI name' field (set to 'url/ibmsbt-sbtproperties'), and the 'Specification' field (set to 'file:///opt/IBM/Connections/data/shared/sbtsdk/sbt.pro'). Below these fields is a 'Description' text area and a 'Category' field. At the bottom, there are buttons for 'Apply', 'OK' (highlighted with a red box), 'Reset', and 'Cancel'. On the right side of the configuration area, there is a note: 'The additional properties will not be available until the general properties for this item are applied or saved.' and a section for 'Additional Properties' with a 'Custom properties' checkbox.



Click **Save**

Messages

⚠ Changes have been made to your local configuration. You can:

- **Save** directly to the master configuration.
- [Review](#) changes before saving or discarding.

An option to synchronize the configuration across multiple nodes can be disabled in [Preferences](#).

⚠ The server may need to be restarted for these changes to take effect.

URLs

Use this page to configure uniform resource locators (URLs), which point to electronically accessible resources, such as a directory file on a machine in a network or a document stored in a database.

Scope: Cell=cageCell01

Show scope selection drop-down list with the all scopes option

Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, [see the scope settings help](#).

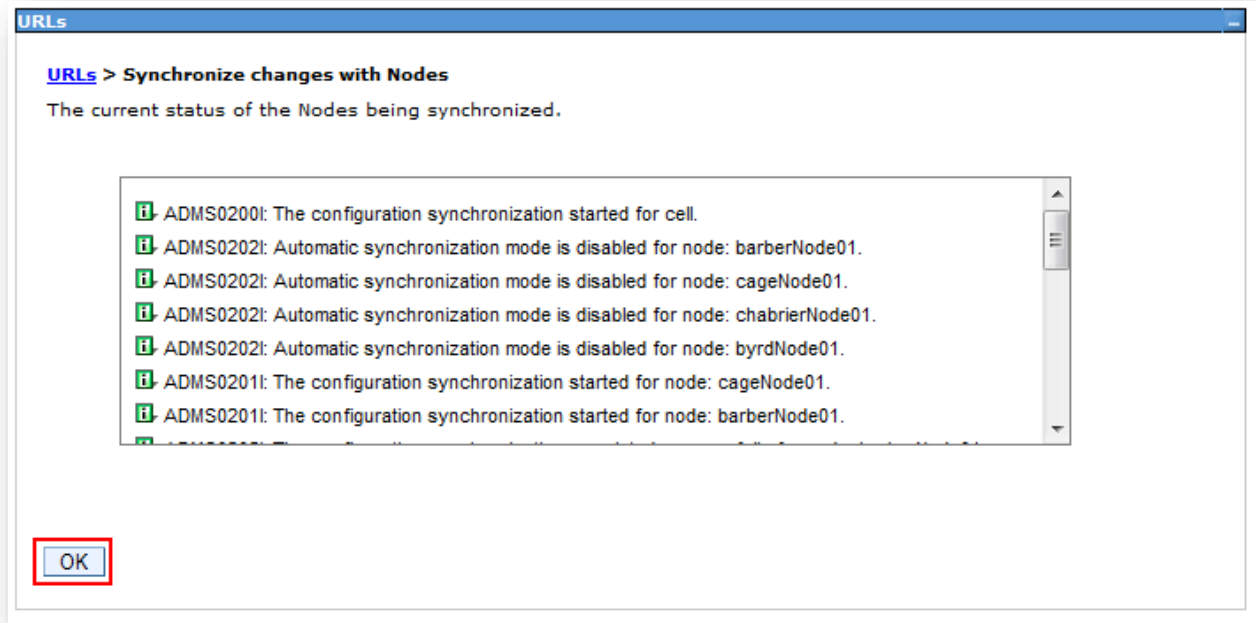
Cell=cageCell01

Preferences

Select	Name	JNDI name	Scope	Provider	Description	Category
You can administer the following resources:						
<input type="checkbox"/>	SBT Properties	url/ibmsbt-sbtproperties	Cell=cageCell01	Default URL Provider		
Total 1						



Click **OK**





Task 3.4 – Add Kudos Boards Related Strings to Connections

This change will not be picked up by IBM Connections until the servers are restarted. This will be performed at the end of the configuration.

Copy all the .properties files from the folder kudos-boards.ear/install-files to the Connections strings customisation directory:

<CONNECTIONS_CUSTOMIZATION_PATH>/strings

Where **CONNECTIONS_CUSTOMIZATION_PATH** is defined by the WebSphere variable:

e.g. /opt/IBM/Connections/data/shared/customization/strings

IMPORTANT: If a file of the same name already exists, merge the contents into the existing file.

Cell=mahlerCell01, Profile=Dmgr01

WebSphere Variables

Use this page to define substitution variables. Variables specify a level of indirection for some system-defined values, such as file system root directories. Variables have a scope level, which is either server, node, cluster, or cell. Values at one scope level can differ from values at other levels. When a variable has conflicting scope values, the more granular scope value overrides values at greater scope levels. Therefore, server variables override node variables, which override cluster variables, which override cell variables.

Scope: Cell=**mahlerCell01**

Show scope selection drop-down list with the all scopes option

Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, [see the scope settings help.](#)

Cell=mahlerCell01

Preferences

New... Delete

Select	Name	Value	Scope
<input type="checkbox"/>	CONNECTIONS_CUSTOMIZATION_PATH	/opt/IBM/Connections/data/shared/customization	Cell=mahlerCell01
<input type="checkbox"/>	CONNECTIONS_OPENSOCIAL_FEATURES	/opt/IBM/Connections/data/shared/customization/OpenSocial/features	Cell=mahlerCell01
<input type="checkbox"/>	CONNECTIONS_PROVISION_PATH	/opt/IBM/Connections/data/shared/provision	Cell=mahlerCell01

You can administer the following resources:



Task 3.5 – SPNEGO Authenticated Environments only – Add Activity Stream API to SPNEGO filter



Kudos Boards posts entries in the Activity Stream for actions performed in the Board. Administrator credentials are used to post on behalf of the user. In order to authenticate with these credentials, Basic Authentication is utilised. In SPNEGO environments the Connections Activity Stream API must be added to the list of URLs which SPNEGO is not applied.

The following URL must be added to the SPNEGO filter exclusion:
`connections/opensocial/basic/rest/activitystreams/`



Step 5: Install the Kudos Boards Community Widget



The Kudos Boards Community widgets provide the interface for user interaction within IBM Connections Communities.

Task 5.1 – Check out the widgets-config.xml file

To install most of the Widgets you must edit the widgets-config.xml file for Profiles. This file contains the settings for each defined widget. To update this file, you must check the file out and, after making changes, you must check the file back in, as documented in the links below.



The widgets-config.xml file is a standard IBM Connections file that is used to define the configuration settings for each of the widgets supported by Profiles. To update settings in the file, you must check the file out and, after making changes, you must check the file back during the same wsadmin session as the checkout for the changes to take effect.

Checking Out the Widgets-Config.xml File:

IBM Connections 4 Documentation

http://www-10.lotus.com/ldd/lcwiki.nsf/dx/Checking_out_the_widgetsconfig.xml_file_for_Profiles_ic40

IBM Connections 4.5 Documentation

http://www-10.lotus.com/ldd/lcwiki.nsf/dx/Checking_out_the_widgetsconfig.xml_file_for_Profiles_ic45

IBM Connections 5.0 Documentation

http://www-01.ibm.com/support/knowledgecenter/SSYGQH_5.0.0/admin/admin/t_admin_profiles_use_widgets_config.dita

IBM Connections 5.5 Documentation

http://www-01.ibm.com/support/knowledgecenter/SSYGQH_5.5.0/admin/admin/t_admin_profiles_use_widgets_config.html

IBM Connections 6.0 Documentation

https://www.ibm.com/support/knowledgecenter/SSYGQH_6.0.0/admin/admin/t_admin_profiles_use_widgets_config.html



Task 5.2 – Configure the Kudos Boards Community Widget

You must define the Kudos Boards Widget and where to find its .jsp file. Add the following lines to the widgets-config.xml file in:

- the `<resource type="community">` section
- under `<widgets>`
- within `<definitions>`

IMPORTANT: Replace `<CONNECTIONS-SERVER-URL>` with the appropriate value for your environment.

```
<widgetDef defId="Boards" description="Kudos Community Boards" modes="view fullpage" url="https://<CONNECTIONS-SERVER-URL>/kudosboards/communityBoards" themes="wpthemeNarrow wpthemeWide wpthemeBanner" uniqueInstance="true">
  <itemSet>
    <item name="resourceId" value="{resourceId}"/>
  </itemSet>
</widgetDef>
```

Note for IBM Connections pre 5.5: the *themes* attribute is only applicable for IBM Connections 5.5 onwards, and must be removed for previous versions of Connections.



Task 5.3 – Check in the widgets-config.xml file

Now that you have modified the widgets-config.xml, it must be checked back in to IBM Connections. Please refer to the IBM Connections product documentation for instructions on how to check in the widgets-config.xml file, located below.

Checking In the Widgets-Config.xml File:

IBM Connections 4 Documentation

http://www-10.lotus.com/ldd/lcwiki.nsf/dx/Checking_out_the_widgetsconfig.xml_file_for_Profiles_ic40

IBM Connections 4.5 Documentation

http://www-10.lotus.com/ldd/lcwiki.nsf/dx/Checking_out_the_widgetsconfig.xml_file_for_Profiles_ic45

IBM Connections 5.0 Documentation

http://www-01.ibm.com/support/knowledgecenter/SSYGQH_5.0.0/admin/admin/t_admin_profiles_use_widgets_config.dita

IBM Connections 5.5 Documentation

http://www-01.ibm.com/support/knowledgecenter/SSYGQH_5.5.0/admin/admin/t_admin_profiles_use_widgets_config.html

IBM Connections 6.0 Documentation

https://www.ibm.com/support/knowledgecenter/SSYGQH_6.0.0/admin/admin/t_admin_profiles_use_widgets_config.html

Task 5.4 – Register Widgets (IBM Connections 6.0 CR1 onwards)

Since IBM Connections 6.0 CR1 it is now required to register third-party widgets in the widget-container for increased security. We have scripts and instructions for this [available here](#).



Task 5.5 – Update the header.jsp and apps.jsp files for Kudos Boards

- If you have not customised the *header.jsp* file for your connections environment, please make a copy of the file.
 - You can access the file from:

```
<WAS_home>/profiles/<profile_name>/installedApps/<cell_name>/Homepage.ear/homepage.war/nav/templates
```

- Paste the copy into the *common\nav\templates* subdirectory in the *customization* directory:

```
<installDir>\data\shared\customization\common\nav\templates\header.jsp
```

- Edit the *header.jsp* file in the customisations directory add the following lines **after the Moderation link and before the ** HTML tag as shown:

- To add the Kudos Boards JSP code –

```
--%<c:if test='${activities' == appName}'><%--
--%><script type="text/javascript" src="/kudosboards/resources/js/app/activities-header-injection.js" charset="utf-8"></script><%--
--%><script type="text/javascript" charset="utf-8">boardsHeaderInjector.data.VIEW_AS_BOARD = "<fmt:message key="label.button.kudos.boards.activities"
/>"</script><%--
--%><style type="text/css">.lotusui30 div.lotusPlaceBar h2{width:auto !important;}</style><%--
--%></c:if><%--
```

```
The Moderation link which is enabled for internal users. This link is displayed when the user is in the moderator role.
--<c:if test='${services.moderation and not isUserExternal}'><%--
--<lg-ui:serviceLink serviceName="moderation" var="urlModeration" /><%--
--<li id="lotusBannerModeration" style="display:none" class="<c:if test='${moderation' == appName}'>lotusSelected</c:if>"><%--
--<a href="<c:out value='${urlModeration}' />"><%--
--<fmt:message key="connections.component.name.moderation" /><%--
--</a><%--
--</li><%--
--</c:if><%--

KUDOS CHANGES
--<c:if test='${activities' == appName}'><%--
--><script type="text/javascript" src="/kudosboards/resources/js/app/activities-header-injection.js" charset="utf-8"></script><%--
--><script type="text/javascript" charset="utf-8">boardsHeaderInjector.data.VIEW_AS_BOARD = "<fmt:message key="label.button.kudos.boards.activities" />"</script><%--
--><style type="text/css">.lotusui30 div.lotusPlaceBar h2{width:auto !important;}</style><%--
--></c:if><%--

END KUDOS CHANGES

--></ul><%--
-->
```




- If you have not customised the *apps.jsp* file for your connections environment, please make a copy of the file.
 - You can access the file from:

```
<WAS_home>/profiles/<profile_name>/installedApps/<cell_name>/Homepage.ear/homepage.war/nav/templates/menu
```

- Paste the copy into the *common\nav\templates* subdirectory in the *customization* directory:

```
<installdir>\data\shared\customization\common\nav\templates\menu\apps.jsp
```

- To add the Kudos Boards App Link add the following lines towards the bottom of the *apps.jsp* file before the `</table>` element.

```
--%><tr><%--
  --%><th scope="row" class="lotusNowrap"><%--
    --%><%--
    --%><a href="/kudosboards/"><strong><fmt:message key="connections.component.name.kudos.boards" /></strong></a><%--
  --%></th><%--
  --%><td class="lotusNowrap"><%--
    --%><a href="/kudosboards/#boards/categories"><fmt:message key="label.menu.kudos.boards.categories" /></a><%--
  --%></td><%--
  --%><td class="lotusNowrap lotusLastCell"><%--
    --%><a href="/kudosboards/#todos"><fmt:message key="label.menu.kudos.boards.todos" /></a><%--
  --%></td><%--
--%></tr><%--
```

- Save and close the file, the changes will take effect when the clusters are restarted. (See next task).



Step 6: Apply the Configuration Changes



The clusters must be restarted for the widget-config.xml and the application configuration changes to take effect.

Task 6.1 – Restart the Clusters

Login to the Integrated Solution Console

Navigate to **Servers** → **Clusters** → **WebSphere application server clusters**

Select all of the Connections Clusters

Click **Ripplestart**.

The screenshot shows the Integrated Solutions Console interface. On the left, a navigation tree is visible with 'Servers' expanded to 'Clusters' and 'WebSphere application server clusters' selected. The main content area displays the 'WebSphere application server clusters' page for the cell 'cageCell01, Profile=dmgr01'. It includes a 'Ripplestart' button and a table of clusters with checkboxes for selection.

Select	Name	Status
<input checked="" type="checkbox"/>	LCCluster1	➔
<input checked="" type="checkbox"/>	LCCluster2	➔
<input checked="" type="checkbox"/>	LCInfraCluster	➔
Total 3		



Step 7: Ensure the Kudos Boards application is started

Select the **Kudos Boards** application

Click Start

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
<input type="checkbox"/>	Activities	➔
<input type="checkbox"/>	Blogs	➔
<input type="checkbox"/>	Common	➔
<input type="checkbox"/>	Communities	➔
<input type="checkbox"/>	DefaultApplication	?
<input type="checkbox"/>	Doqear	➔
<input type="checkbox"/>	Files	➔
<input type="checkbox"/>	Forums	➔
<input type="checkbox"/>	Help	➔
<input type="checkbox"/>	Homepage	➔
<input type="checkbox"/>	Kudos	➔
<input checked="" type="checkbox"/>	Kudos Boards	✖
<input type="checkbox"/>	Metrics	➔
<input type="checkbox"/>	Mobile	➔
<input type="checkbox"/>	Mobile Administration	➔
<input type="checkbox"/>	Moderation	➔
<input type="checkbox"/>	News	➔
<input type="checkbox"/>	Profiles	➔

Page: 1 of 2 Total 28

You have now successfully installed Kudos Boards as a WebSphere Enterprise Application.



Step 8: Upload Your Licence File

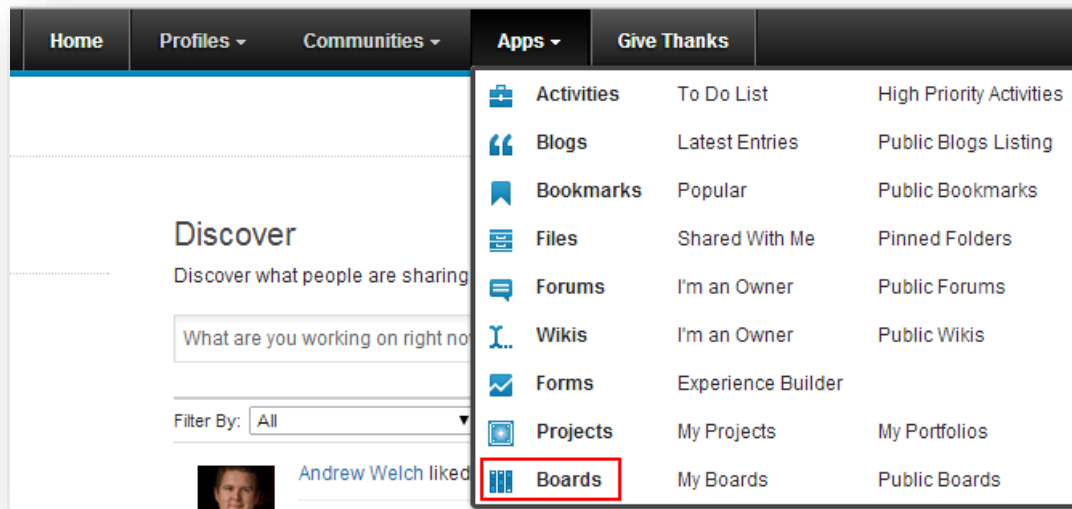


All versions of Kudos require a licence to function. If you do not have a licence, please contact us at support@kudosbadges.com or visit the [Kudos website](#) to request one.

Task 8.1 – Upload your licence file via the Administration page

Login to IBM Connections

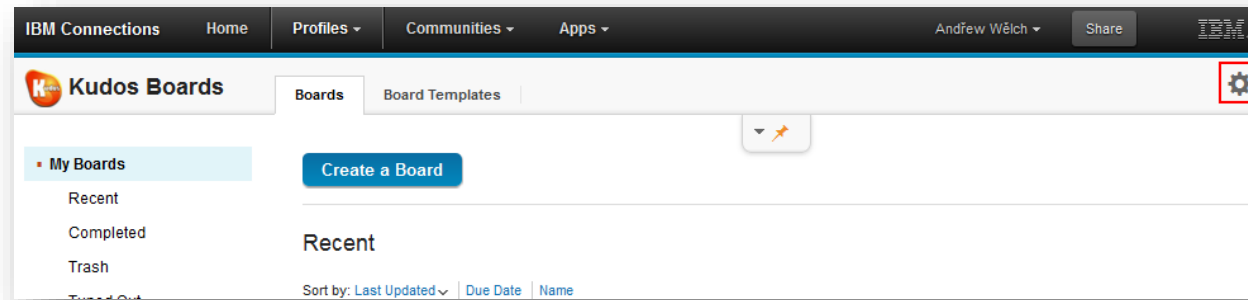
Navigate to **Boards**



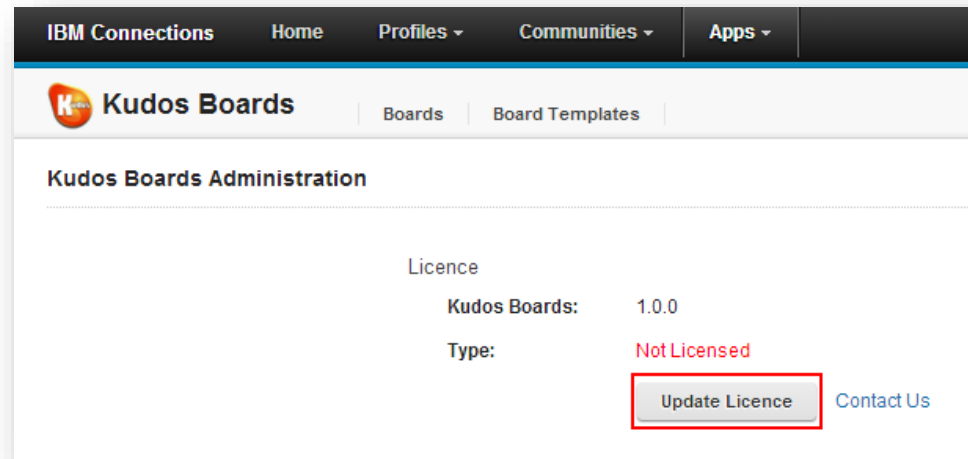


Click the Administration icon in the top right.

Note: This icon only appears for users mapped to the Admin role for the Kudos Boards application.



Click **Update Licence**





Select your Kudos.licence file and click
Upload

Upload Kudos Licence File

No file chosen



Step 9: Insert User credentials for posting to the Activity Stream



In order for Kudos Boards to post to the IBM Connections Activity Stream user credentials must be supplied

The credentials are required only for posting to the activity stream and do not have to be that of an administrator. In fact we highly recommend that a new user be created expressly for this purpose.



Task 9.1 – Add privileges for the SBT to interact with the Activity Stream

In the Integrated Solutions Console navigate to **Applications** → **Application Types** → **WebSphere enterprise applications**

Click **WidgetContainer**

The screenshot displays the 'Enterprise Applications' management page in the IBM Integrated Solutions Console. The left-hand navigation pane shows a tree structure where 'Applications' and 'WebSphere enterprise applications' are selected. The main content area includes a 'Preferences' section with settings for 'Maximum rows' (20) and 'Show items at the following authorization group level' (All Roles). Below this is a toolbar with buttons for 'Start', 'Stop', 'Install', 'Uninstall', 'Update', 'Rollout Update', 'Remove File', 'Export', 'Export DDL', and 'Export File'. A table lists the installed applications, with 'WidgetContainer' highlighted in a red box. The table has columns for 'Select', 'Name', and 'Application Status'.

Select	Name	Application Status
<input type="checkbox"/>	News	↔
<input type="checkbox"/>	Profiles	↔
<input type="checkbox"/>	Search	↔
<input type="checkbox"/>	WebSphereOauth2OSP	↔
<input type="checkbox"/>	WidgetContainer	↔
<input type="checkbox"/>	Wikis	↔
<input type="checkbox"/>	connectionsProxy	↔
<input type="checkbox"/>	projexec	↔

Page: 2 of 2 Total 28



Click **Security role to user/group mapping**

Cell=cageCell01, Profile=Dmgr01
Enterprise Applications

View: All tasks

- Welcome
- Guided Activities
- Servers
- Applications
 - New Application
 - Application Types
 - WebSphere enterprise applications
 - Business-level applications
 - Assets
 - Global deployment settings
- Jobs
- Services
- Resources
- Security
- Environment
- System administration
- Users and Groups
- Monitoring and Tuning
- Troubleshooting
- Service integration
- UDDI

Enterprise Applications > WidgetContainer

Use this page to configure an enterprise application. Click the links to access pages for further configuring of the application or its modules.

Configuration

General Properties

* Name
WidgetContainer

Application reference validation
Issue warnings

Detail Properties

- Target specific application status
- Startup behavior
- Application binaries
- Class loading and update detection
- Request dispatcher properties
- Security role to user/group mapping**
- JASPI provider
- Custom properties
- View Deployment Descriptor
- Last participant support extension

References

- Application scoped resources
- Resource references
- EJB references
- Shared library references
- Shared library relationships

Modules

- Manage Modules
- Metadata for modules
- Display module build Ids

Web Module Properties

- Session management
- Context Root For Web Modules
- Initialize parameters for servlets
- JSP and JSF options
- Virtual hosts

Enterprise Java Bean Properties

- Default messaging provider references
- Stateful session bean failover settings
- Application profiles
- Bind EJB Business
- EJB JNDI names

Client Module Properties

- Client module deployment mode

Database Profiles

- SQL profiles and pureQuery bind files



Modify the role mapping for the *trustedExternalApplication* role.

Add a user that will be used to authenticate when Kudos Boards posts to the Activity Stream.

For example:
waslocaladmin

IMPORTANT: Make sure that this user can log into the Homepage and can view the activity stream.

Click *OK*

Enterprise Applications > **WidgetContainer** > **Security role to user/group mapping**

Security role to user/group mapping

Each role that is defined in the application or module must map to a user or group from the domain user registry. accessIds: The accessIds are required only when using cross realm communication in a multi domain scenario. For all other scenarios the accessId will be determined during the application start based on the user or group name. The accessIds represent the user and group information that is used for Java Platform, Enterprise Edition authorization when using the WebSphere default authorization engine. The format for the accessIds is user:realm/uniqueUserID, group:realm/uniqueGroupID. Entering wrong information in these fields will cause authorization to fail. AllAuthenticatedInTrustedRealms: This indicates that any valid user in the trusted realms be given the access. AllAuthenticated: This indicates that any valid user in the current realm be given the access.

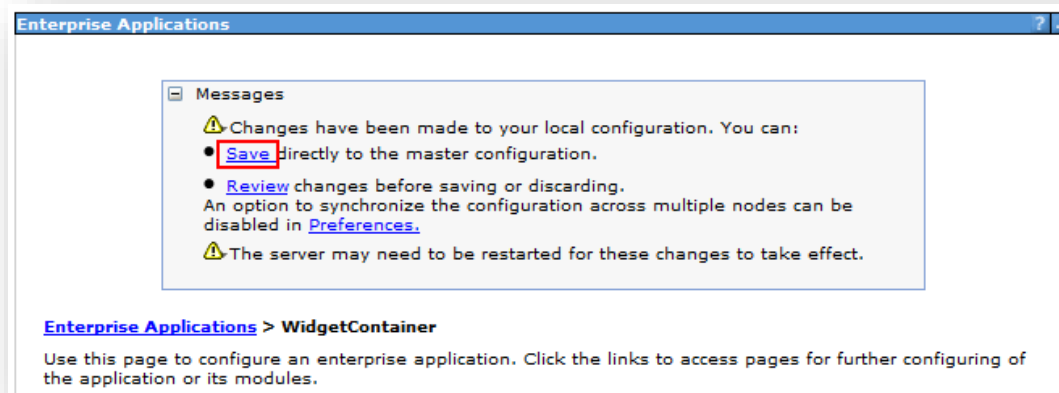
Map Users... Map Groups... Map Special Subjects ▾

Select	Role	Special subjects	Mapped users	Mapped groups
<input type="checkbox"/>	person	All Authenticated in Application's Realm		
<input type="checkbox"/>	allAuthenticated	All Authenticated in Application's Realm		
<input type="checkbox"/>	admin	None		
<input type="checkbox"/>	everyone	All Authenticated in Application's Realm		
<input type="checkbox"/>	reader	All Authenticated in Application's Realm		
<input type="checkbox"/>	metrics-reader	None		
<input type="checkbox"/>	global-moderator	None		
<input type="checkbox"/>	mail-user	None		
<input type="checkbox"/>	trustedExternalApplication	None	waslocaladmin	

OK Cancel

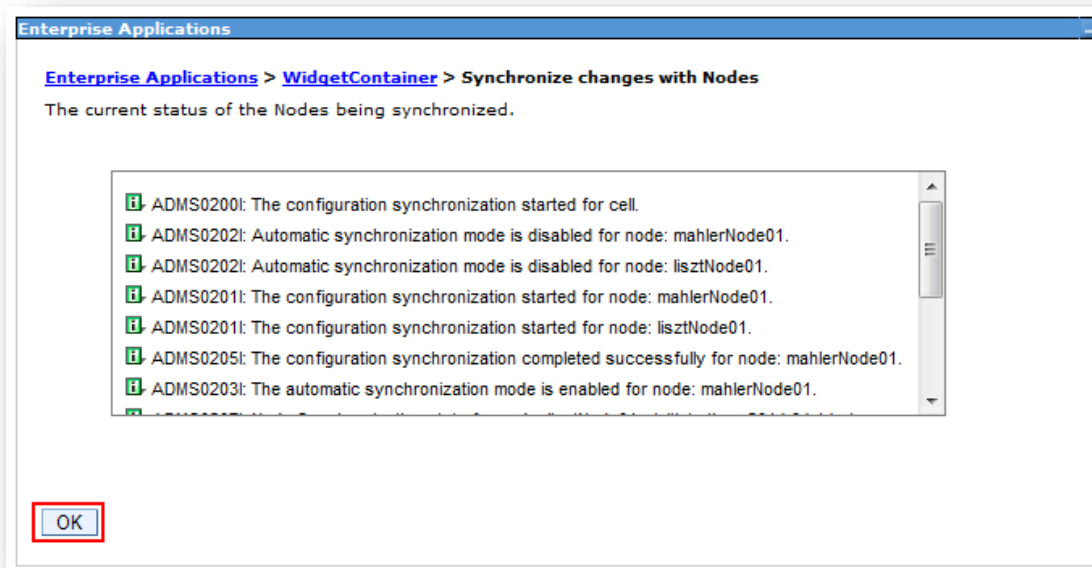


Select **Save**



Review the Synchronisation Summary.

Click **OK**





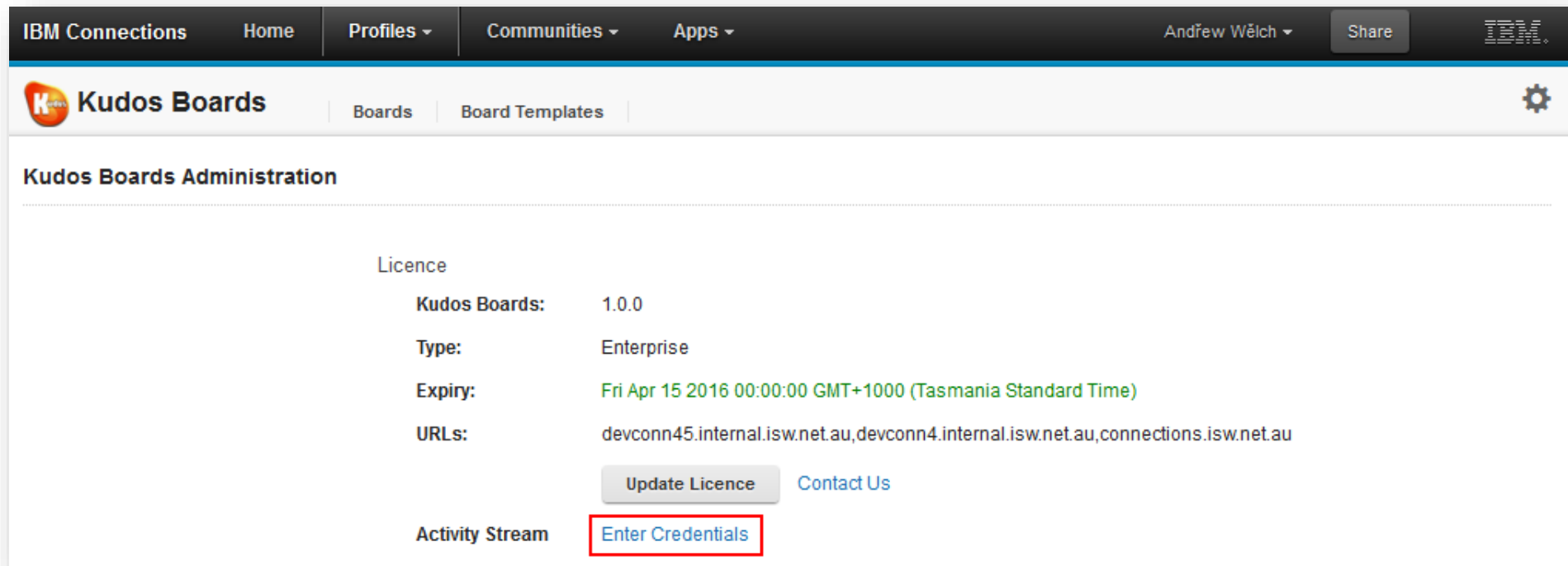
Task 9.2 – Enter the Credentials

Open the Boards application and click on the Settings link

The screenshot displays the Kudos Boards application interface. At the top, there is a navigation bar with 'IBM Connections', 'Home', 'Profiles', 'Communities', and 'Apps'. The user's name 'Andrew Welch' and a 'Share' button are visible on the right. Below this, the 'Kudos Boards' header includes 'Boards' and 'Board Templates' tabs, with a settings gear icon highlighted in a red box. The left sidebar contains a 'My Boards' section with options like 'Recent', 'Completed', 'Trash', and 'Tuned Out', followed by 'Prioritized Boards' and 'Public Boards'. Under 'Board Categories', 'Asad' and 'Dev' are listed. The main content area is titled 'Pinned Boards' and shows four board cards: 'WildFire Plus' (updated 24 minutes ago), 'iOS DEV ACTIVITY' (updated 2 months ago), 'Boards Tree Table Test' (updated 3 months ago), and 'Tree Structure Act' (updated 3 months ago). Each card has a yellow star icon in the top right corner.



Click **Enter Credentials**



The screenshot shows the Kudos Boards Administration interface. At the top, there is a navigation bar with 'IBM Connections', 'Home', 'Profiles', 'Communities', and 'Apps'. The user 'Andrew Welch' is logged in, and there is a 'Share' button. Below this is the 'Kudos Boards' header with 'Boards' and 'Board Templates' tabs. The main content area is titled 'Kudos Boards Administration' and contains the following information:

Licence	
Kudos Boards:	1.0.0
Type:	Enterprise
Expiry:	Fri Apr 15 2016 00:00:00 GMT+1000 (Tasmania Standard Time)
URLs:	devconn45.internal.isw.net.au,devconn4.internal.isw.net.au,connections.isw.net.au
	Update Licence Contact Us
Activity Stream	Enter Credentials



Enter the credentials for the User previously mapped to the **trustedExternalApplication** role

Click **Save**.

The screenshot shows the 'Kudos Boards Administration' interface. At the top, there is a navigation bar with 'IBM Connections', 'Home', 'Profiles', 'Communities', and 'Apps'. The user 'Andrew Welch' is logged in, and there is a 'Share' button. Below the navigation bar, the 'Kudos Boards' logo is visible, along with 'Boards' and 'Board Templates' tabs. The main content area is titled 'Kudos Boards Administration'. On the left, a section titled 'Why is this required?' explains that the credentials are used for posting to the IBM Connections Activity Stream and must be for a user with the 'trustedExternalApplication' role. On the right, the 'Activity Stream Credentials' form is shown, with a red box highlighting the 'User name' field (containing 'waslocaladmin'), the 'Password' field (containing masked characters), and the 'Save' button.

If the details are valid you will be redirected to the Configuration page.



Step 10: Customising Kudos Boards Strings, Properties & Images (OPTIONAL)

PLEASE NOTE: You only need to perform this step if you wish to customise the user interface strings or images or the default properties used by the application, e.g. to use custom context roots, customise colours etc. If you do not wish to do any of the above, you do not need to follow this step.

Task 10.1 – Customising Kudos Boards Strings

1. Open the default strings file at `kudos-boards.ear/default-strings/com.isw.boards.strings.ui.properties`
2. To customise for a specific language:
 - a. Create a file with the name `com.isw.boards.strings.ui_<lang-code>.properties`
 - b. Example:

```
English: com.isw.boards.strings.ui_en.properties
English-UK: com.isw.boards.strings.ui_en-gb.properties
French: com.isw.boards.strings.ui_fr.properties
```

3. To customise strings for all languages create a file with the same name as the default strings file, i.e. `com.isw.boards.strings.ui.properties`
4. Place it in the strings customisation directory for Kudos boards - `<CONNECTIONS_SHARED_DIR>/boards/strings/`
5. Add any strings you wish to customise from the default strings file into the new file with the new values.
6. After all the string, property and image customisations are completed, restart the Kudos boards application via the WebSphere Application Server ISC.



Task 10.2 – Customising Kudos Boards Properties

The files for customising Kudos Boards Properties need to be placed in the directory at <CONNECTIONS_SHARED_DIR>/boards/properties/. These files are then automatically copied into the application directory upon start up.

Available properties files to customise:

- **application.properties** – Server URLs (do not customise this unless you know what you are doing)
- **connectionsConfig.json** – Context roots for Connections & Kudos
- **boardsConfig.json** – Miscellaneous application settings, colours for tiles and themes, etc.

Please Note:

- For files in JSON format it is critical that the syntax is valid for the customisation to take effect.
 - This step can be performed at any stage after the installation
1. Copy the property file(s) to be edited into the customisation folder at <CONNECTIONS_SHARED_DIR>/boards/properties/ from the location kudos-boards.ear/default-properties
 2. Open the newly copied files and edit the properties as required.
 3. After all the string, property and image customisations are completed, restart the Kudos Boards application via the WebSphere Application Server ISC.



Task 10.3 – Customising Kudos Boards Images

The custom images need to be placed in the directory <CONNECTIONS_SHARED_DIR>/boards/images/. These files are then automatically copied into the application directory upon start up.

Please Note:

- This step can be performed at any stage after the installation.
 1. Determine the image(s) to be customised from the folder
kudos-boards.ear/default-images
 2. Create the folder <CONNECTIONS_SHARED_DIR>/boards/images
 3. Place a copy of the custom image into the above images folder with the same name as the image file you wish to overwrite.
 4. After all the string, property and image customisations are completed, restart the Kudos Boards application via the WebSphere Application Server ISC.

Kudos Badges for IBM® Connections leverages gamification theory to help drive user adoption and participation across the full capabilities of IBM Connections



Reward and recognise users for engaging and contributing to IBM® Connections



Kudos Badges:

- * Rewards users for engaging with IBM Connections
- * Encourages broader usage of IBM Connections
- * Educates users on the how and why of IBM Connections

kudos@kudosbadges.com
kudosbadges.com

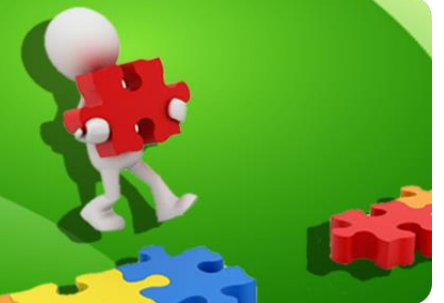
Points based solution that rewards user adoption and value creation



Kudos Badges Leaderboard enables users to visualise:

- * Overall Leaderboard
- * My Network Leaderboard
- * My Community Leaderboard

Extend Kudos Badges with your own rewards and metrics



- * Build your own Kudos metrics and badges
- * Extend Kudos Badges to provide rewards and recognition for external systems
- * Integrate with HR, Sales, and other systems to drive behaviour to achieve objectives