

# **Cloud Administrator Guide**

Jive for SharePoint v5



## **Notices**

For details, see the following topics:

- Notices
- Third-party acknowledgments

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- Search the product documentation and other product-related information that are also available on Support Central.

If you still cannot find a solution, open a ticket on Aurea Support Central. Information about the support organization is available on Support Portal as well.

You can also find the setup files on Support Portal.

For information about purchasing an upgrade or professional services, contact your account executive. If you do not know who your account executive is, or for other queries, contact us through our website.

# **1** Jive for SharePoint overview

Following the integration, users can:

- Collaborate on attachments in either SharePoint or Jive
- Create or upload content in Jive and socially interact on this content in SharePoint
- In Jive, @mention content that is stored in SharePoint

Jive for SharePoint On-Prem (v5) combines the secure, robust document management of SharePoint with the collaborative power of Jive.

For details, see the following topics:

- Architectural overview
- Functional overview
- System requirements
- Supported browsers

## **Architectural overview**

The diagram here describes the connection workflow between Jive and SharePoint.



## **Functional overview**

The Jive for SharePoint On-Prem integration allows customers to leverage their existing SharePoint investment with their Jive community.

With the integration, users can collaborate on documents stored in SharePoint, utilize SharePoint security policies and workflows, and view office documents in Jive utilizing the office web-apps viewer.

The integration works by connecting a Jive place (space, group, or project) to a SharePoint site (top-level site or nested sub-site). The connected site can be an existing site or a site that is provisioned by the integration. Within the connected site, the customer defines a document library that is used as the upload target for any file uploaded in the connected Jive group.

Also, the customer can select one or more additional document libraries that sync their content to Jive. Once the connection is made, any file action on the connected document libraries (such as upload, delete, or update) will reflect on the Jive connected site. And any file operation on the Jive side will reflect on the SharePoint primary document library.

In addition, Jive manages the SharePoint permissions for sites that were provisioned by the integration, by syncing the Jive entitled user with their associated entitlements to the SharePoint document library.

## System requirements

Here you can find the system requirements for installing Jive for SharePoint On-Prem (v5).

#### **Supported Jive versions**

Current Jive Cloud version

#### Supported SharePoint versions

• Microsoft SharePoint 2010, 2013, 2016

#### Server to server authentication

- ADFS/SAML (WS Federation 2005). This option is available for SharePoint 2013 only
- NTLM v2

#### SSL certificates

SSL certificates must be valid on both SharePoint and Jive sides.

## Supported browsers

Jive works with most current web browsers. Note that if you need to use Content Editor features, such as cut and paste, script access to the clipboard must be enabled.

- Microsoft Edge (Chromium-based).
- Apple Safari\* (on Macs only).
- Mobile Safari on iPhone and iPad for iOS 11 and later. (For a browser-independent native iOS phone app, be sure to look for the Jive Daily: Intranet on the go app, if your community uses it, in the App Store.)
- Mobile Chrome on Android devices for Android 8 and later. (For a browser-independent native Android phone app, be sure to look for the Jive Daily: Intranet on the go app, if your community uses it, in Google Play.)
- Mozilla Firefox\*.
- Google Chrome\*.

\* Google Chrome, Mozilla Firefox, Apple Safari, and Microsoft Edge browsers are released frequently. Jive Software makes every effort to test and support the latest version.

**Note:** The recommended minimum screen resolution for desktop devices is 1024 x 768. Results may vary if you use zoom to adjust your view to levels other than 100%.

#### Important notes and restrictions:

- Chromebook is not supported.
- Beta versions of web browsers are not supported, but they are quickly added to the supported list after they're formally released.
- Apps are not supported on mobile devices. These features may not work correctly on mobile devices.

# 2

## **Setting up Jive for SharePoint**

Generally, you should follow these steps to set up Jive for SharePoint:

- 1. Complete the pre-installation tasks both at the Jive side and at the SharePoint side. For more information, see Installation prerequisites on page 10.
- 2. In Jive, install the Jive Extended APIs add-on.
- 3. In Sharepoint, install the SharePoint Windows Solution package (.wsp).
- 4. In Jive, define a new connection and create a storage instance for it.

Once the connection is set up, users can use it to connect Jive places to SharePoint and sync files between them.

Setting up Jive for SharePoint On-Prem requires preparations and installations on both Jive and SharePoint sides.

For details, see the following topics:

- Installation prerequisites
- Installing Jive for SharePoint

## Installation prerequisites

There are a few prerequisites that you need to complete for SharePoint before installing the Jive for SharePoint On-Prem v5 add-on in Jive.

You should complete the following tasks before installing Jive for SharePoint On-Prem v5 add-on:

1. Decide whether you're going to use Claims via ADFS or NTLM protocol for user authentication. For more information, see Plan for user authentication methods

in SharePoint Server on Microsoft portal at https://docs.microsoft.com/enus/SharePoint/security-for-sharepoint-server/plan-user-authentication.

- 2. If you are using Claims via ADFS for user authentication, you should do the following:
  - a. Install ADFS on a Windows Server 2012 R2 x64. For more information, see ADFS server requirements on page 11.
  - **b.** Configure Jive to use Claims. For more information, see Configuring Jive to use Claims on page 14.
  - c. Configure ADFS to send Claims using a custom rule. For more information, see Configuring ADFS to send claims using custom rules on page 16.
- 3. In air-gapped environments, configure Jive system properties. For more information, see Configuring Jive in On-Prem Air-Gap deployments on page 15.

## **ADFS server requirements**

Here you can find the ADFS server requirements reference.

Display name	Name
Active Directory Certificate Services	AD-Certificate
- Certification Authority	ADCS-Cert-Authority
- Certificate Enrollment Policy Web Service	ADCS-Enroll-Web-Pol
- Certificate Enrollment Web Service	ADCS-Enroll-Web-Svc
- Certification Authority Web Enrollment	ADCS-Web-Enrollment
Active Directory Domain Services	AD-Domain-Services
Active Directory Federation Services	ADFS-Federation
DNS Server	DNS
File and Storage Services	FileAndStorage-Services
- File and iSCSI Services	File-Services
- File Server	FS-FileServer
- Storage Services	Storage-Services
Web Server (IIS)	Web-Server
- Web Server	Web-WebServer
- Common HTTP Features	Web-Common-Http
- Default Document	Web-Default-Doc
- Directory Browsing	Web-Dir-Browsing

Display name	Name
- HTTP Errors	Web-Http-Errors
- Static Content	Web-Static-Content
- HTTP Redirection	Web-Http-Redirect
- Health and Diagnostics	Web-Health
- HTTP Logging	Web-Http-Logging
- Logging Tools	Web-Log-Libraries
- Request Monitor	Web-Request-Monitor
- Tracing	Web-Http-Tracing
- Performance	Web-Performance
- Static Content Compression	Web-Stat-Compression
- Security	Web-Security
- Request Filtering	Web-Filtering
- Client Certificate Mapping Authentic	Web-Client-Auth
- IIS Client Certificate Mapping Authe	Web-Cert-Auth
- Windows Authentication	Web-Windows-Auth
- Application Development	Web-App-Dev
NET Extensibility 4.5	Web-Net-Ext45
- ASP	Web-ASP
- ASP.NET 4.5	Web-Asp-Net45
- ISAPI Extensions	Web-ISAPI-Ext
- ISAPI Filters	Web-ISAPI-Filter
- Management Tools	Web-Mgmt-Tools
- IIS 6 Management Compatibility	Web-Mgmt-Compat
- IIS 6 Metabase Compatibility	Web-Metabase
- IIS Management Scripts and Tools	Web-Scripting-Tools
.NET Framework 3.5 Features	NET-Framework-Features
NET Framework 3.5 (includes .NET 2.0 and 3.0)	NET-Framework-Core
.NET Framework 4.5 Features	NET-Framework-45-Fea
NET Framework 4.5	NET-Framework-45-Core
- ASP.NET 4.5	NET-Framework-45-ASPNET

Display name	Name
- WCF Services	NET-WCF-Services45
- HTTP Activation	NET-WCF-HTTP-Activat.
- TCP Port Sharing	NET-WCF-TCP-PortShar.
Group Policy Management	GPMC
Remote Server Administration Tools	RSAT
- Role Administration Tools	RSAT-Role-Tools
- AD DS and AD LDS Tools	RSAT-AD-Tools
- Active Directory module for Windows	RSAT-AD-PowerShell
- AD DS Tools	RSAT-ADDS
- Active Directory Administrative	RSAT-AD-AdminCenter
- AD DS Snap-Ins and Command-Line	RSAT-ADDS-Tools
- AD LDS Snap-Ins and Command-Line Tools	RSAT-ADLDS
- Active Directory Certificate Services Tools	RSAT-ADCS
- Certification Authority Management T	RSAT-ADCS-Mgmt
- DNS Server Tools	RSAT-DNS-Server
SMB 1.0/CIFS File Sharing Support	FS-SMB1
User Interfaces and Infrastructure	User-Interfaces-Infra
- Graphical Management Tools and Infrastructure	Server-Gui-Mgmt-Infra
- Server Graphical Shell	Server-Gui-Shell
Windows Internal Database	Windows-Internal-Dat
Windows PowerShell	PowerShellRoot
- Windows PowerShell 4.0	PowerShell
- Windows PowerShell 2.0 Engine	PowerShell-V2
- Windows PowerShell ISE	PowerShell-ISE
Windows Process Activation Service	WAS
- Process Model	WAS-Process-Model
- Configuration APIs	WAS-Config-APIs
WoW64 Support	WoW64-Support

#### **Configuring Jive to use Claims**

You need to configure Jive to use Claims before installing the Jive for SharePoint add-on.

#### Fastpath: Admin Console: System > System properties

To configure Jive to use Claims:

- 1. In the Admin Console, go to System > System Properties .
- 2. Contact Support to set up the following for you:
  - a) Set up registration.domainRestriction.domains and jive.use.strict.https system properties.
  - b) Configure SAML SSO, if required.
- 3. To use Claims ID mapping instead of email mapping:
  - a) Go to People > Settings > Global Profile Settings .
  - b) Click Create new field.

New Profile Wizard: Step 2 of 2

- c) In New Profile Wizard: Step 1 of 2, choose the Text Field type, then click Continue.
- d) In New Profile Wizard: Step 2 of 2, in Filed Name,
- e) Under Translations, type Claims ID for the English translation.

Use the form be	low to give the profile field a variable nam	e, a display name and an optional descrip
Name, Descri	ption & Attributes	
Type:	Text Field (One or two sentences of	text.)
Field Name: *	Claims ID	
LanguageDisp English * Cla	olay Name ims ID	Description
Add Translatio	on	
Visibility:	<ul> <li>Users may edit the visibility for this pro Default</li> </ul>	ofile field
	Everyone     User's connections     User's colleagues     User's connections & colleagues     Private to the user	
Attributes:	Required Users must enter a value for this field	d.

- 4. Under Attributes, select Required.
- 5. Click Finish.

You should now see the new parameter under **Other Profile Fields** on the **Profile Settings** page, as shown in the following image:

Avatar Settings	Profile Settings		
Ban Settings	, and the second s		
Delegated Authentication			
Directory Server Settings			
Forgot Username	Create new field # = Required T = File	erable Q = Searchable (2* = Use	rs may edit field value 🐵 = User can configure visibili
Guest Settings			
Hover Card Settings	Header Profile Fields (max 5)		
Login Security	Type Name	Manage Properties	Default Visibility
Org Chart Settings	II 🛄 Title	* T Q 🗷 👁	Everyone \$
Password Reset	E Department	* 7 0 7 4	Fuerunne ±
Profile Image Moderation		- <b>( 4</b> a a	( evolute (
Profile Settings	🗄 📴 Phone Number	* T Q 🕑 👁	Everyone ‡
Registration Settings	ii 🕞 East		
Single Sign-On	:: 🔁 Email		
Status Level Settings	II 🕑 Hire Date	* T Q 2 *	Everyone \$
Terms and Conditions			
Twitter Settings			
User Status Update	Other Profile Fields		
Settings	Type Name	Manage Properties	Default Visibility
	·· · · · · · · · · · · · · · · · · · ·		

## **Configuring Jive in On-Prem Air-Gap deployments**

You should perform the following process only for Jive On-Prem deployments with no network connectivity (*air-gap*).

#### Fastpath: Admin Console: System > Management > System Properties

To configure Jive in On-Prem air-gap gap deployment, as a Cloud Administrator, add (or modify) and delete the following properties:

- 1. In the Admin Console, go to System > Management > System Properties .
- 2. Click Edit next to the jive.oauth.consumer\_key property and set the value to dummy.
- 3. Click Edit next to the jive.oauth.consumer\_secret property and set the value to dummy.
- 4. If any property does not appear, add the property as follows:
  - a) Under Add new property, in Property Name, specify the name of the property.
  - b) In **Property Value**, specify the value for the property.
  - c) Click Save Property.
- 5. Delete the following properties:
  - jive.appsmarket.id
  - jive.appsmarket.registry.enabled

## **Configuring ADFS to send claims using custom rules**

To complete the prerequisites for Jive for SharePoint, an ADFS administrator with IT expertise needs to send claims by using a custom rule.

The following steps must be performed by the ADFS administrator with IT expertise.

To configure a custom rule for sending claims in ADFS:

- 1. Open up the ADFS console.
- 2. Click trust relationships and then right-click relying party trust > Add Relying Party Trust as shown in the following image:



3. Open the Jive URL in a new tab and add  ${\tt saml/metadata}$  to the end. For example:

https://giljive.eng.jiveland.com:8443/saml/metadata

4. If the file is not automatically downloaded as XML, download and rename it with a .xml extension.

5. In the ADFS Console, click Select Data Source > Import data about the relying third party from a file , as shown in the following image:

<b>\$</b> 1	Add Relying Party Trust Wizard
Select Data Source	
Select Data Source Steps Velcome Select Data Source Specify Display Name Configure Multi-factor Authorization Rules Ready to Add Trust Ready to Add Trust	Select an option that this wizard will use to obtain data about this relying party:         Import data about the relying party published online or on a local network.         Use this option to import the necessary data and certificates from a relying party organization that publishes its federation metadata address (host name or URL):         Federation metadata address (host name or URL):         https://glive.eng.jveland.com.8443/saml/metadata         Example: fs contoso.com or https://www.contoso.com/app         Import data about the relying party from a file         Use this option to import the necessary data and certificates from a relying party organization that has exported its federation metadata to a file. Ensure that this file is from a trusted source. This wizard will not validate the source of the file.         Federation metadata file location:         [C:\Usen \/dministrator\Downloads \metadata xml         Browse         C:\Usen \/dministrator\Downloads \metadata about this relying party organization.
	< Previous Next > Cancel

- 6. Type or browse to the Federation metadata file location, and then click Next.
- 7. Click **Specify Display Name** and enter the display name.
- 8. Click Configure Multi-factor > I do not want to configure multi-factor , then click Next.
- 9. Select Permit all users to access this relying third party, then click Next.

10In the Ready to Add Trust step, click Next.

11In the Finish step, select the Open the Edit Claims Rule dialog for this relying party trust when this wizard closes option.

12When the Edit Claims Rules for Jive SSO Integration dialog box opens, click Add Rule, as shown in the following image:

Edit Claim Rules for	Jive SSO Integration 📃 🗖 🗙
Issuance Transform Rules Issuance Authorization	on Rules Delegation Authorization Rules
The following transform rules specify the claims	that will be sent to the relying party.
Order Rule Name	Issued Claims
	4
Add Rule Edit Rule Remove R	iule
	OK Cancel Apply

- 13In the Choose Rule Type step, select Send LDAP Attribute as Claims , then click Next.
- 14In the **Configure Claim Rule** step, type the Claim rule name, select **Active Directory**, and then select or type the following information in the table exactly as it appears below for Mapping of LDAP attributes to outgoing claim types:

LDAP Attribute	Outgoing Claim Type
	Name ID
ObjectGUID	<b>Note:</b> There is a space after Name.
Given-Name	Given Name
Surname	Surname
E-Mail-Address- es	E-Mail Address

15Click Finish.

16Once again, use the **Edit Claims Rules for Jive SSO Integration** dialog box to add a new rule by clicking **Add Rule**.

- 17In the Choose Rule Type step, select Send Claims Using a Custom Rule , then click Next.
- 18Type in the following text in the **Custom Rule** text box, at the same time customizing the settings for your environment:
  - adfs3: Your ADFS server name.
  - iqc01.com: The correct domain.
  - **ADFSClaimsID**: The value you have entered as the Claims ID value in the SAML in the Jive Admin Console.

The transformation rule has four parts:

• **Type ==** "...": The source of information defined as schema URL.

For e-mail address:

http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress

For User Principle Name (UPN):

http://schemas.xmlsoap.org/ws/2005/05/identity/claims/upn

- **Type =** "ADFSClaimSID": The name of the attribute ADFS sends to Jive on successful login. ADFSClaimSID is the name of the user mapping field to set in Jive's SAML Admin Console. ADFS and Jive must match.
- Value = "i:05.t|adfs3.mydomain.com|" + c.Value: The Claims ID realized by SharePoint for user identification.
- ValueType = c.valueType: The type is not used actively; it is a text field in Jive user profile. You can leave as is.

For more information on Claim Types, see ClaimTypes Members on Microsoft portal at https://docs.microsoft.com/en-us/previous-versions/windows-identity-foundation/ee727097(v=msdn.10).

**Transformation Rules Examples** 

#### • E-mail-based ClaimsID

```
c:[Type ==
"http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress"] =>
issue(Type = "ADFSClaimsID", Value = "i:05.t|adfs3.mydomain.com|" +
c.Value, ValueType = c.ValueType);
```

**Result**: i:05.t|adfs3.mydomain.com|user@mydomain.com

#### • Classic NTLM ClaimsID

```
c:[Type == " http://schemas.xmlsoap.org/ws/2005/05/identity/claims/upn"]
=> issue(Type = "ADFSClaimsID", Value = " i:0#.w|mydomain\" +
c.Value, ValueType = c.ValueType);
```

**Result:** i:0#.w|mydomain\user1

Customize these rules per customer to match the right Claims ID supported by the customer's SharePoint environment. The Claims ID can change from the examples above, except for the classic NTLM Claims ID that is standard when using NTLM authentication.

You can check the User Diagnostic script to verify that Claims ID is supported by SharePoint.

19Click **OK**, and then click **Finish**.

## Installing Jive for SharePoint

Here can find instructions for installing the Jive for SharePoint On-Prem (v5) add-on.

**Note:** The following installation procedures require assistance from Jive Professional Services engineer.

- 1. Install the SharePoint integration add-on. For more information, see Installing SharePoint integration add-on on page 21.
- Install the Extended APIs. For more information, see Installing Extended APIs on page 22.
- Deploy the SharePoint Windows Solution Package (.wsp) to your SharePoint farm. For more information, see Manually deploying SharePoint-side package on page 23.

**Note:** The installer script for automated deployment is not available for Jive for SharePoint On-Prem (v5).

## Installing SharePoint integration add-on

Here you can find installation instructions for the SharePoint integration add-on.

To install SharePoint On-Prem add-on:

- 1. Log in to Jive using an administrator account.
- 2. In the user interface, select Your avatar > Add-Ons .

The All Add-ons page is displayed.

3. Click the **Available** tab.

jive	News	People	Apps -					
Storage Prov	iders		dd-ons: Available					
API Services		Add-on	Add-ons are a secure way of extending the Jive Platform with third-party integrations. These include:					
Analytics Ser	vices	• Us pl	sing a storage provider outside Jive (an External Storage Provider, or ESP) to store and synchronize binary file ace.					
All Add-on:	S	<ul> <li>Pr</li> <li>Br</li> <li>Br</li> </ul>	oviding community data to your external business intelligence solution using the Analytics service. inging external data into Jive or sharing Jive data with third-party integrations using Jive APIs. Jilding your own Add-on to bring internal systems into Jive.					
			installed Available					
		Add-or	n Name					
		S	SharePoint On-Prem Enables integration with SharePoint 2010-2013 for external file storage					
			External Jira Tiles: External Jira					

- 4. Click Install next to the SharePoint On-Prem add-on.
- 5. Confirm the message that appears by clicking Install.



The add-on is installed and appears on the **Installed** tab. The SharePoint integration is now available for selection in **Storage Management** > **Add Integration** > **Provider Type** list.



### Installing Extended APIs

To add Jive for SharePoint On-Prem for your community, install the Extended APIs plugin. This plugin supports multiple Jive products, including this one.

#### Fastpath: Admin Console: System > Plugins > Add Plugin

You can download the Extended APIs plugin JAR file on the Extended APIs Plugin page on Worx. After you add this plugin, you need to restart Jive for the feature to become available.

To install the Extended API plugin:

- 1. In the Admin Console, go to System > Plugins > Add Plugin .
- Under Install a new plugin, click Browse to select and open the plugin JAR file you downloaded.
- 3. Click **Upload** to add the plugin to the community.
- 4. Restart the application as root: /etc/init.d/jive-application restart. For a cluster installation, restart each node.

- 5. Once the application has restarted, go to System > Plugins > Installed Plugins and check the list for the Extended APIs plugin. This is also where you can remove the plugin.
- 6. Go to System > Settings > Extended APIs , then open the Modules tab and ensure the modules you want are enabled.

## Manually deploying SharePoint-side package

Jive provides a manual deploy of the SharePoint package (.wsp) to a SharePoint farm, either single server or multiserver. This deployment requires the assistance of a Jive Professional Services engineer.

#### Package file naming

The name of the package file has the following structure: JiveForSharepoint\_<SharePoint\_version>\_<JiveForSharepoint\_verion>.wsp

Here *<SharePoint\_version>* indicates the SharePoint version the add-on is compatible with. *<JiveForSharepoint\_verion>* indicates the version of the add-on; for this add-on, the version number starts with *v5*.

#### Deploying the package

To deploy the .wsp file:

1. Upload the package from the specified location to the SharePoint farm: Add-SPSolution -LiteralPath <<c:\JiveForSharepoint 2013 v5.1.1.19.wsp>>

where <<c:\jiveForSharepoint\_2013\_v5.1.1.19.wsp>> is the path to the down-loaded package.

2. Deploy the uploaded solution for the specified SharePoint web application:

Install-SPSolution -Identity <<JiveForSharepoint\_2013\_v5.1.1.19.wsp>>
-GACDeployment -web application <<url of the web app>>

where <<JiveForSharepoint\_2013\_v5.1.1.19.wsp>> is the name of the package.

#### After a successful solution deployment, deploy the following features to SharePoint:

```
STSADM.EXE -o installfeature -name
Jive.Sharepoint.Deployment AnnouncementEventReceiverFeature -force
STSADM.EXE -o installfeature -name
Jive.Sharepoint.Deployment CalendarEventReceiverFeature -force
STSADM.EXE -o installfeature -name
Jive.Sharepoint.Deployment CreateSiteCollectionJobFeature -force
STSADM.EXE -o installfeature -name
Jive.Sharepoint.Deployment FileActivityDiscoveryFeature -force
STSADM.EXE -o installfeature -name
Jive.Sharepoint.Deployment_FileActivityDiscoveryJobFeature -force
STSADM.EXE -o installfeature -name
Jive.Sharepoint.Deployment_FileEventReceiverFeature -force
STSADM.EXE -o installfeature -name
Jive.Sharepoint.Deployment FileEventReceiverJobFeature -force
STSADM.EXE -o installfeature -name
Jive.Sharepoint.Deployment JiveContainerWebPartFeature -force
STSADM.EXE -o installfeature -name
Jive.Sharepoint.Deployment_LinkEventReceiverFeature -force
STSADM.EXE -o installfeature -name
Jive.Sharepoint.Deployment TaskEventReceiverFeature -force
```

**Note:** When upgrading the deployment, those features should not be upgraded, they must match the deployed package.

3

# **Configuring Jive for SharePoint**

This section outlines how to configure Jive, including adding a connection to your SharePoint site collection, configuring your external storage provider as SharePoint, and connecting a Jive place to the SharePoint external file storage.

For details, see the following topics:

- Configuring Jive for SharePoint connections
- Configuring federated search for SharePoint
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## **Configuring Jive for SharePoint connections**

You create and configure a new connection from the Jive Admin Console.

#### Fastpath: Admin Console: System > Settings > Jive for SharePoint

To create and define a new connection:

1. In the Admin Console, go to System > Settings > Jive for SharePoint .

jive											Logged in as	Jive SBS   qe@banzal.com - ] Vie
Overview System	Spaces	Blogs	People	Permissions	Mobile	Add-ons	Events	Ideas	Video			
Management Settings	Mode	ration										
Bridges	SI	narePoint	t Conn	ector Config	uration							
Browse												
Direct Messages and Sharing												
Discussions		Settings	Sharei	Point log viewer								
Extended APIs		SharePoir	nt Connec	tions								
External Links												
Externally Accessible Groups		New Conn	nection									
Feeds												_
Home Page		Searc	ch:				Search	Reset				
Images		0	opportion N			6 ha	reBoint Site III	DI		etete		_
Jive Anywhere			onnection A	ame		one	repoint alte of	AL.		Bidit	29	
Jive for Office		• Web	Application	<ul> <li>Site Collection</li> </ul>								
Jive for Outlook												
Jive for SharePoint												
Locale												
Message Templates												
News												
Non-Member Content Editing												
OCS/Lync Integration												

2. Click New Connection.

This opens the **New Connection** dialog box.

- 3. Enter the connection details as follows:
  - SharePoint version: Select your SharePoint installation version: 2013/2016.
  - **Connection Name**: Type a name for the connection that you can easily find later.
- 4. In Authentication Type, select how Jive authenticates to SharePoint.

The SharePoint-to-Jive authentication is always handled by sending a token to SharePoint via a service API.

• If you select **Claims**, enter the appropriate values for **WCtx**, **WTRealm**, **WReply**, and **ADFS STS URL**. For more information about these fields, refer to your system administrator.

Extend the SharePoint web application to use a different authentication type and different address. This enables your regular web application to continue working with Claims. For more information, see Extend a Web application (SharePointServer2010)onMicrosoftportalathttps://technet.microsoft.com/en-us/library/cc261698.aspx.

• If you select **NTLM**, in **SharePoint Integration network domain** field, specify the network domain name of the SharePoint Integration Admin user.

- 5. Complete the connection properties by configuring the following settings:
  - Integration Site Collection URL: The site collection that is used for several server-to-server activities that are required for the bi-directional communication between the Jive server and the SharePoint web application. Main activities include:
    - Jive to SharePoint network connectivity validation
    - Sub-site or site collection creation process
  - SharePoint Integration Admin user name: A SharePoint user that is used as the integration administrator.

The SharePoint Integration Admin is added as a Full Control admin for any new site created on SharePoint by Jive (in addition to the user who created the site). This account serves as a fallback user for any operation, on either Jive or SharePoint, done by a user in one side of the integration and who is not mapped to a user on the other side of the integration.

You should set the SharePoint Integration Admin with the following permission level:

- If the connection is used for creating sub-sites, Site Collection Admin of the integration Site Collection.
- If the connection is used for creating Site Collection, Site Collection Admin of the integration Site Collection and a Farm Admin.
- SharePoint Integration Admin Password: The password for the SharePoint Integration Admin.
- 6. Click Next.

The system validates the connection configuration and displays the Site Details page.

<b>*</b>	2			
ACCOUNT	SITE DETAILS			
e.g.: Contributor ActiveDirectory Group; MyUser				
e.g.: Administrator ActiveDirectory Group; MyAdmin				
<ul> <li>Sub-site</li> </ul>	<ul> <li>Site collection</li> </ul>	on		
		Finish	Cancel	
	e.g.: Contributor Activell e.g.: Administrator Activel g. Sub-site	e.g.: Contributor ActiveDirectory Group; MyUser         e.g.: Administrator ActiveDirectory Group; MyAdmin         e.g.: Sub-site	e.g.: Contributor ActiveDirectory Group; MyUser   e.g.: Administrator ActiveDirectory Group; MyAdmin <ul> <li>Sub-site</li> <li>Site collection</li> </ul> Finish	

- 7. Specify the connection permission groups as follows:
  - Jive-All-Users Permission Group(s): One or more Active Directory security groups. Use a semicolon (;) to specify more than one group.

Users in the specified security groups are granted with View/Edit permissions to Open or Members Only Jive places; and View/Edit permissions to the connected SharePoint sites. Typically, the specified security groups contain all the users who require access to the Jive community connected to SharePoint.

• Jive-Admins Permissions Group(s): One or more Active Directory security groups. Use a semicolon (;) to specify more than one user group.

Users in the specified groups are granted with full permissions to all Jive-linked SharePoint sites. The group members must be admins on the Jive side.

- Jive Server URL: The URL that SharePoint uses to get to Jive. This is used by the Jive's WSP component to perform connectivity validation from SharePoint to Jive.
- SharePoint Container Creation Policy: The SharePoint container policy to use when a Jive place is connected to a new SharePoint container.
  - **Sub-site**: A new SharePoint sub-site is created in the selected location. This option requires you to select a parent SharePoint site.
  - Site Collection: A new SharePoint Site Collection is created under the Farm root path. For more information, see Connecting Jive places to SharePoint on page 35.
- 8. Click **Next** to configure federated search settings.

The Search Settings page is displayed.

Federated search enables users to search for content in SharePoint sites from Jive. Federated search is available under the **Bridged Communites** section in the advanced search page.



#### 9. Click Configure Search Options.

The community search properties are displayed.

10Enter the searched community details as follows:

- **Display name in community search**: A name for this community search. This name appears under the Federated Search section in the Jive Search page.
- SharePoint Search URL: The search URL in the connected SharePoint site.
- Search Scope: The scope of the search. Leave the default option: By Site / Site Collection.
- Scope value: The search scope in the connected SharePoint site.
- Maximum results count: The maximum number of search results.
- **Storage Instance**: The default storage instance for this SharePoint integration. You can select different Storage Instances if it exists.

11Click Add to save this searched community.

The community search you have defined is added to the Search Settings page.



12Click **Add Community Search** to add more searched communities. 13If required, edit or delete the search configuration:

- Click 🔤 to edit the community search settings.
- Click 🛅 to delete the community search settings.

14Click Finish to create the connection.

The connection is added to the list of SharePoint Connections on the Jive for SharePoint page.

jive									Logged in as qe@ba
Overview System S	Spaces Blogs People	Permissions	Mobile Add-ons	Events	Ideas	Video			
Management Settings	Moderation								
Bridges	SharePoint Con	nector Configu	uration						
Browse	onarer onit oon	nector comigu	ilation						
Direct Messages and Sharing									
Discussions	Settings Sh	arePoint log viewer							
Extended APIs	ShareBoint Connections								
External Links	United on Contractions								
Externally Accessible Groups	New Connection								
Feeds									
Home Page	Search:			Search	Reset				
Images	Connection	e Mama			araBalat Pite	1101	atatus		
Jive Anywhere	Gomecoo	in Marine		an	arer onic aree	UNE	bunus		
Jive for Office	<ul> <li>demo-co</li> </ul>	nnection		htt	tps://sp13q	a01.hubteam.jiveland.com/yoav	<b>~</b>	Make Default	Edit
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Jive for SharePoint	- Connool	unexample rier e (en			danah iod			Denden	Con
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Message Templates	- Conservation	es Evenete 2010				Of hubbers include		(And a Reference)	
News	Connect	onexample 2010		net	ips://sp10q	au i .nuoteam.jivei8nd.com	<b>2</b>	Make Défault	Eait
Non-Member Content Editing	demo co	nnection		htt	tps://sp13q	a01.hubteam.jiveland.com/yoav		Make Default	Edit

## **Configuring federated search for SharePoint**

Federated search enables users to search the connected SharePoint site directly from Jive. Search results are displayed in the Jive search page like any other Jive content.

To configure federated search:

- 1. Create a new or edit an existing Jive for SharePoint connection. For more information, see Configuring Jive for SharePoint connections on page 25.
- Complete the configuration steps for federated search, as described in Step Step 8 on page 29 in Configuring Jive for SharePoint connections on page 25.

## Creating and configuring storage instances

The Storage Management tab in Add-ons enables you to define default configurations for SharePoint as a Storage Provider. Do this if you want different default behavior for a specific site collection, or if you want to limit access to a specific site collection.

With this setup, you can configure which Jive user permission groups can see which site collections, and assign their default behavior.

To create a storage instance:

- 1. Log into Jive using an administrator account.
- 2. In the user interface, go to Your avatar > Add-Ons and then select the Storage Management tab.
- 3. Click Add Integration.

The Add New Integration dialog box is displayed.

Add New Integration							
Provider Type Display Name Add	SharePoint Storage Integration Cancel	0					

4. In **Provider Type**, select **SharePoint Storage Integration**, type in a name you will be able to identify easily, and click **Add**.

jive	News Peop	e Apps -	
Add-ons	Apps Management	Storage Management	Community Authorizations
	- FF	otorage management	
External	Storage Provide	rs > 📝 SharePoint S	Storage
Default Se	ettings		
Everyone (A	Il users who can create	places)	Enabled
Permissio	ns Groups Overrid	es	
Type a pe	ermission group name	to override its settings	Select Groups
User Map	ping Options		
<ul> <li>Map us</li> </ul>	sers by email address fr	om profile field: Claims ID	
O Map u	sers by user name from	profile fields (DomainUsernan	ne): None 🗘 Username 🗘
Save	Cancel		

5. Under **User Mapping Options**, select the appropriate mapping field depending on the selected authentication type.

6. Click Edit Settings.

Edit Instance Settings (Everyone)		×
SharePoint connection demo-connection (https://sp13qa01.hubteam.jiveland.com/yoav) © Preview Policy @ Office Web Application 2013 © New Group Policy @ Only New Site ©	List of Site Collections that will be available when creating places Site Collections	
Resources web-parts Documentation Vallow Jive to collect statistical information	Validate	Save

7. In the Edit Instance Settings dialog box, enter the instance properties:

- SharePoint connection: The SharePoint connection URL you have created in the previous step.
- Preview Policy: The preview method when uploading office documents.:
  - For SharePoint 2013, you can select either **Jive** preview or **Microsoft Office Web Application 2013** preview.
  - For SharePoint 2010, only **Jive** preview is available.
- **New Group Policy**: The type of sites users can connect in this storage instance. Available options are:
  - **Only New Site**: When creating a place and connecting it to SharePoint a new SharePoint site is always created.
  - Only Existing Site: Requires choosing an existing site to which the Jive place connects.
  - Existing Site & New Site: Allows users choosing the site's location.
- On the right-hand side, click the + icon and add at least one site collection under which new groups are created.

You can use the same site collection specified in the SharePoint connection you have created, or add new site collections. The site collections must have complete URLs.

8. Click Validate to validate the values of this storage instance.

A successful validation message indicates a validated instance.

9. Click Save.

10Click Save again in the Default Settings page.

The storage instance is saved and displayed in the **External Storage Providers** page.

## **Connecting Jive places to SharePoint**

To use SharePoint as external storage for uploaded files and images for a Jive place, connect the place to SharePoint.

To connect a Jive place to SharePoint as external storage provider:

- 1. Create a new place or edit the Activity page of an existing place.
- 2. Next to External file storage, click Change.



This open the Enable Features and Content Types dialog box.

3. Under External file storage, select your SharePoint storage instance and click Apply.

#### **Enable Features and Content Types**

#### **Group Features**

Select which features you want enabled in your group.



#### External file storage

Choose where to store files saved in this group.

No external storage - all files will be stored on your community server							
O <b>b</b> Jive BOX							
O I SPOnline							
● SP-ON-PREM							
Only files you upload from now on will be stored in external storage. Any files or attachments that were alre created in this place will continue to be stored on the community server.							
Apply Close							

4. Select the site collection to which you want to connect the new place.

The options you see in the **Site Collection** list are the site collections you have added. For more information, see Creating and configuring storage instances on page 32.

Site collection	
Pick a site collection to connect to	
AmirGoodTwo	
AmirGoodOne	
AmirGoodTwo	

- 5. To connect to a new site:
  - a) Under SharePoint Site, select Create a new site under.
  - b) Use the +/- signs to expand or collapse the tree view and view sub-sites. A green site indicates that this site is already connected.
  - c) Select the site under which the new site will be created.

Connect to an existing site	
Sy AmirGoodOne	1
<ul> <li>Amir CON existing26</li> </ul>	
④ Mmir is moving	
④ S Amir Members	
④ Mmir OWA Test 13	
④ 1 Amir to be changed26	
④ S Amir to be changed26	
④ Main Uploading to Jive ADFS	
④ S Amir Uploading to Jive NTLM	
③ S CON ADFS with project	
① S CON NTLM with project	
ConProi     ConProi	

d) Click Finish.

This creates a new site under the site you select in the tree view.

- 6. To connect to an existing site:
  - a) Under SharePoint Site, select Connect to an existing site.
  - b) Use the +/- signs to expand or collapse the tree view and view sub-sites and select the site to which you want to connect the Jive place.



- c) Click Next.
- d) Select **Jive Document Library** to set the primary library. Files uploaded to the Jive place are synced to the primary library and files uploaded to the primary library are synced to the Jive Place.
- e) Select **Additional Document Library** to set secondary libraries. Files uploaded to the secondary libraries are synced to the Jive place.

Documents	*
Additional document libraries to d	isplay in activity log
Select document libraries	

f) Click Finish.

This connects the place to the site you select in the tree view.

## **Disconnecting your place from SharePoint**

You can disconnect your place from SharePoint if required.

When you disconnect your place from SharePoint, Jive leaves the external storage files intact in SharePoint so that they can be repurposed or safely deleted from the storage system. The file objects pointing to the external filed are maintained in Jive, including all their social collaboration activities (such as commenting and liking), and the link to download the file is converted to a permanent link pointing to the last known location of the file in the external storage system.

To disconnect your place:

- 1. Go to the Activity page of the place you want to disconnect from Sharepoint Online.
- 2. Select **Gear icon** > **Edit activity page** to get to the settings page of an existing place.

## **Enable Features and Content Types**

#### Group Features

Select which features you want enabled in your group.



#### External file storage

Choose where to store files saved in this group.

O No external storage - all files will be stored on your community server

O 🕑 Jive BOX

🔿 🚺 SPOnline

SP-ON-PREM

Only files you upload from now on will be stored in external storage. Any files or attachments that were alre created in this place will continue to be stored on the community server.



- 3. To switch to another storage provider, select another integration option.
- 4. To completely disable external file storage and save uploaded files to Jive, select **No external storage**.

- 5. Click **Apply** to apply the configuration.
- 6. Click **Save** to save the changes to the Activity page.

## About file sync between SharePoint and Jive

Connecting a Jive place (group, project, space) to SharePoint can be done in two ways.

You can connect a Jive place with SharePoint as follows:

 Connecting a place to SharePoint and creating a new site in SharePoint that syncs to the Jive place.

Permissions sync from the Jive Place to the SharePoint Site as follows:

- The **Jive-Admins Permission Group(s)** you have specified in the connection are added as an admin to each site created. This can be used for SharePoint admin users group or a specific user.
- The **Jive-All-Users Permission Group(s)** simulates the All Registered Users group in Jive. This can also be set up for specific groups.
- Connecting a Place to an existing SharePoint site.

SharePoint permissions remain **unchanged**.

Group type	All registered users in Jive	Everyone principal in Share- Point
Open	Granted contribute	Added to Jive Contributors permission group
Members only	Granted read-only	Added to Jive Readers permis- sion group
Private and Private Unlist- ed	No permission	No permission

#### Groups

#### Projects

Projects inherit permission from the parent place. For example, if the project is under a members-only group, the Jive-All-Users Permission Groups are added to the Jive Readers permission group.

#### Ongoing sync

When a user joins or is added to a group, the SharePoint user that is mapped with the Jive user is added to the SharePoint site connected to the group. Similar behavior occurs when a user leaves or removed from a group — the user is removed from the SharePoint site as well.

Projects within a group that are connected to SharePoint inherit the group behavior.

#### Viewing site permissions

To view specific site permissions:

- 1. Enter the site with a site administartor user.
- 2. At the top of the right corner, click Settings > Site Settings .
- 3. Click Site Permissions.