



Jive Interactive Intranet

9.x Administrator Guide

Jive for SharePoint v5

Notices

For details, see the following topics:

- [Notices](#)
- [Third-party acknowledgments](#)

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Aurea global support

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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

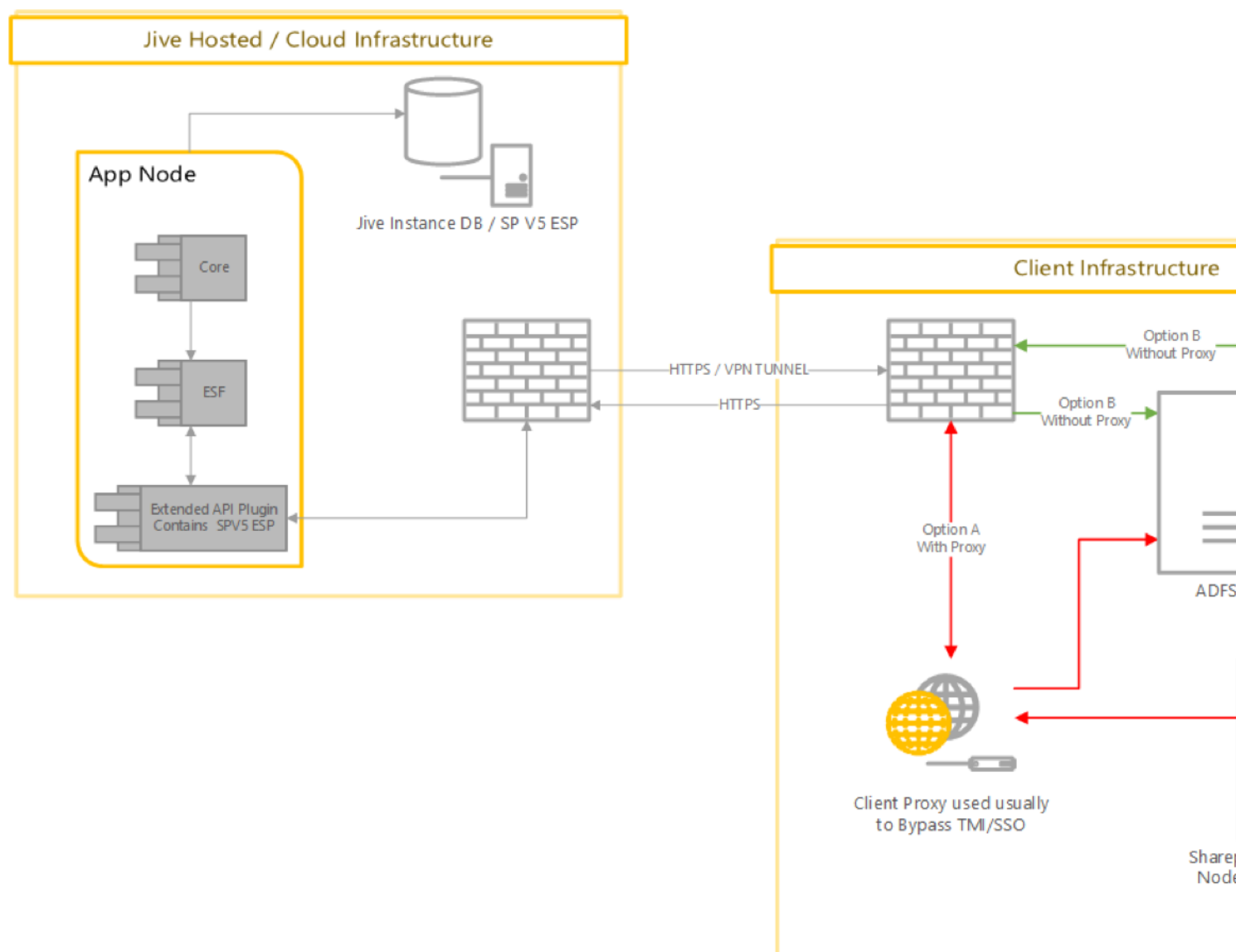
Jive for SharePoint On-Prem (v5) combines the secure, robust document management of SharePoint with the collaborative power of Jive.

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

- Jive 9.x

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 8 and 9 (on Macs only).
- Mobile Safari on iPhone and iPad for iOS 8 and 9 and later. (For a browser-independent native iOS phone app, be sure to look for the Jive Daily Hosted app, if your community uses it, in the App Store.)
- Mobile Chrome on Android devices for Android 4.4 and later. (For a browser-independent native Android phone app, be sure to look for the Jive Daily Hosted app, if your community uses it, in Google Play.)
- Mozilla Firefox*.
- Google Chrome*.

* Google Chrome, Mozilla Firefox, 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

- 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/en-us/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 17.
3. In air-gapped environments, configure Jive system properties. For more information, see [Configuring Jive in On-Prem Air-Gap deployments](#) on page 17.

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. Add the following system properties:
 - a) Set `registration.domainRestriction.domains` to `jivesoftware.com,jive-land.com,jivelandia.com`.
The property refers to the Jive domains of the clients.
 - b) Set `jive.use.strict.https` to `false`.
This property is optional.
3. 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.
4. To use Claims ID mapping instead of email mapping:
 - a) Go to **People > Settings > Global Profile Settings**.
 - b) Click **Create new field**.
 - 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.

New Profile Wizard: Step 2 of 2

Use the form below to give the profile field a variable name, a display name and an optional description

Name, Description & Attributes

Type: Text Field (One or two sentences of text.)

Field Name: * Claims ID

Language	Display Name	Description
English *	Claims ID	

[Add Translation](#)

Visibility: ☒ Users may edit the visibility for this profile field

Default

- ☒ 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.

5. Under **Attributes**, select **Required**.

6. 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
- Ban Settings
- Delegated Authentication
- Directory Server Settings
- Forgot Username
- Guest Settings
- Hover Card Settings
- Login Security
- Org Chart Settings
- Password Reset
- Profile Image Moderation
- Profile Settings**
- Registration Settings
- Single Sign-On
- Status Level Settings
- Terms and Conditions
- Twitter Settings
- User Status Update Settings

Profile Settings

Create new field...

* = Required ▾ = Filterable 🔍 = Searchable [E] = Users may edit field value [V] = User can configure visibility

Header Profile Fields (max 5)

Type	Name	Manage Properties	Default Visibility
	Title	* ▾ 🔍 [E] [V]	Everyone
	Department	* ▾ 🔍 [E] [V]	Everyone
	Phone Number	* ▾ 🔍 [E] [V]	Everyone
	Email		
	Hire Date	* ▾ 🔍 [E] [V]	Everyone

Other Profile Fields

Type	Name	Manage Properties	Default Visibility
	Claims ID	* ▾ 🔍 [E] [V]	Everyone

7. To configure SSO:

- Go to **People > Settings > Single Sign On**.
- On the **SAML** tab, click **Enable**.

c) Copy the content from the following federation file and paste into the large text box on the **Metadata** tab: <https://adfs3.iqc01.com/FederationMetadata/2007-06/FederationMetadata.xml>.

- `iqc01.com`: The domain name of the servers (ADFS, SharePoint, Web Apps).
- `adfs3`: The hostname of the ADFS.

d) Click **Save all SAML Settings**.

e) Go to the **User Attributes Mapping** tab.

f) Complete the form by adding the URLs into the **Username**, **Email**, **First Name**, and **Last Name** fields, as shown in the following image:

SAML Settings

Metadata		User Attribute Mapping
Name	Attribute Name	Federated
External Identifier:	Use Subject NameID or <input type="checkbox"/> Override with Assertion Attribute	
Username:	Use Subject NameID or <input checked="" type="checkbox"/> Override with Assertion Attribute	
Username:	<input type="text" value="http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress"/>	<input checked="" type="checkbox"/>
Email:	<input type="text" value="http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress"/>	<input checked="" type="checkbox"/>
First Name:	<input type="text" value="http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname"/>	<input checked="" type="checkbox"/>
Last Name:	<input type="text" value="http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname"/>	<input checked="" type="checkbox"/>
Title:	<input type="text"/>	<input type="checkbox"/>
Department:	<input type="text"/>	<input type="checkbox"/>
Phone Number:	<input type="text"/>	<input type="checkbox"/>
Hire Date:	<input type="text"/>	<input type="checkbox"/>
Mobile Phone Number:	<input type="text"/>	<input type="checkbox"/>
Address:	<input type="text"/>	<input type="checkbox"/>
Home Phone Number:	<input type="text"/>	<input type="checkbox"/>
Biography:	<input type="text"/>	<input type="checkbox"/>
Alternate Email:	<input type="text"/>	<input type="checkbox"/>
Home Address:	<input type="text"/>	<input type="checkbox"/>
Location:	<input type="text"/>	<input type="checkbox"/>
Company:	<input type="text"/>	<input type="checkbox"/>
Claims ID:	<input type="text" value="ADFSClaimsID"/>	<input checked="" type="checkbox"/>

g) Click **Save all SAML Settings**.

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 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`

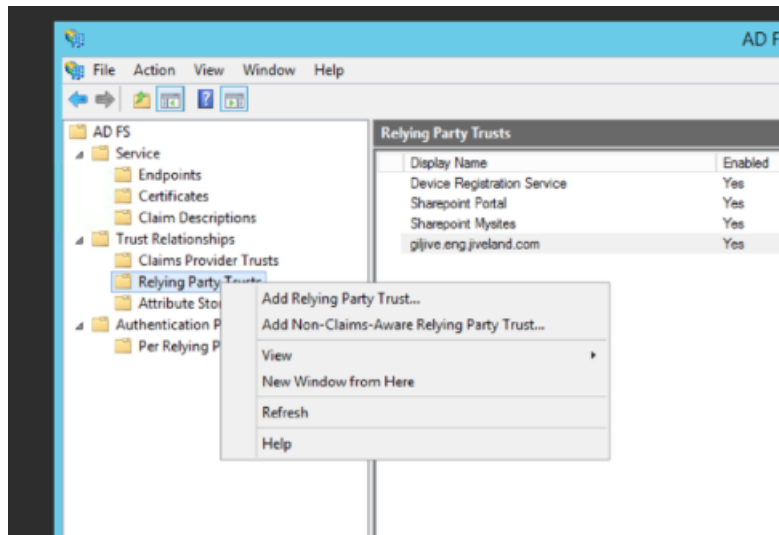
Configuring ADFS to send claims using custom rules

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.

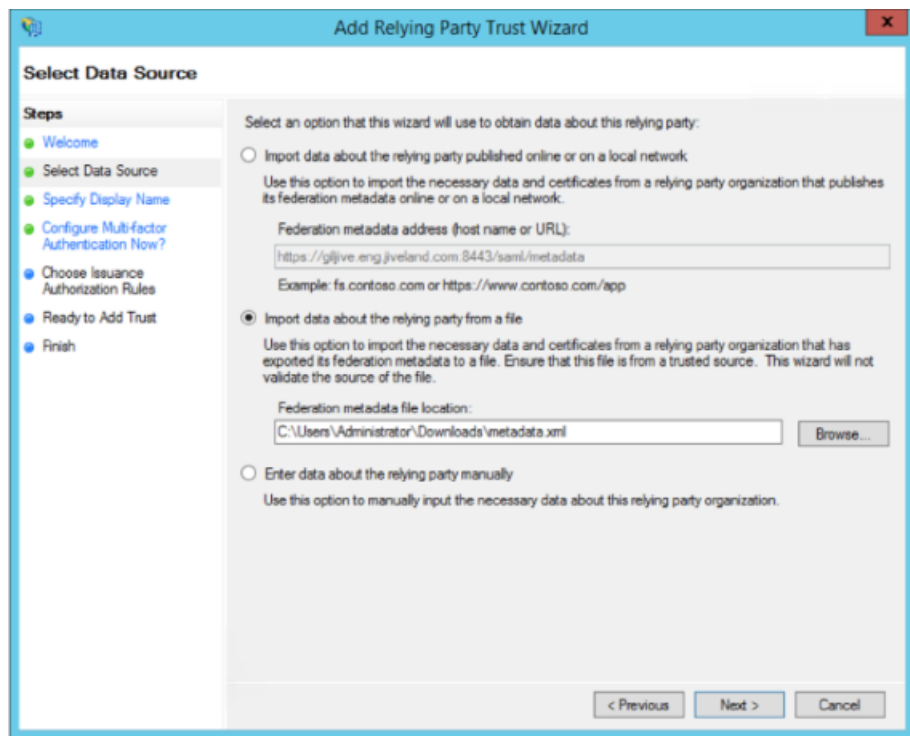
To configure a custom rule for sending claims in ADFS:

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:



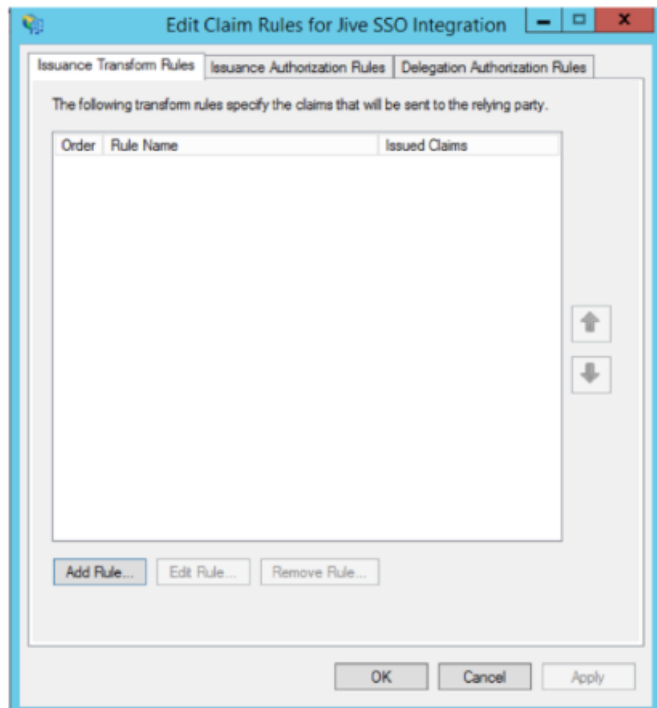
3. Open the Jive URL in a new tab and add `saml/metadata` to the end. For example:
`https://giljive.eng.jiveland.com:8443/saml/metadata`
4. If the file is not automatically downloaded as XML, download and rename it with a `.xml` extension.

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:



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



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
ObjectGUID	Name ID
	Note: There is a space after Name.
Given-Name	Given Name
Surname	Surname
E-Mail-Addresses	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**.

17 In the **Choose Rule Type** step, select **Send Claims Using a Custom Rule** , then click **Next**.

18 Type 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\(v=msdn.10\)](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 23.
2. Install the Extended APIs. For more information, see [Installing Extended APIs](#) on page 24.
3. Deploy the SharePoint Windows Solution Package (.wsp) to your SharePoint farm. For more information, see [Manually deploying SharePoint-side package](#) on page 25.

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

Installing SharePoint integration add-on

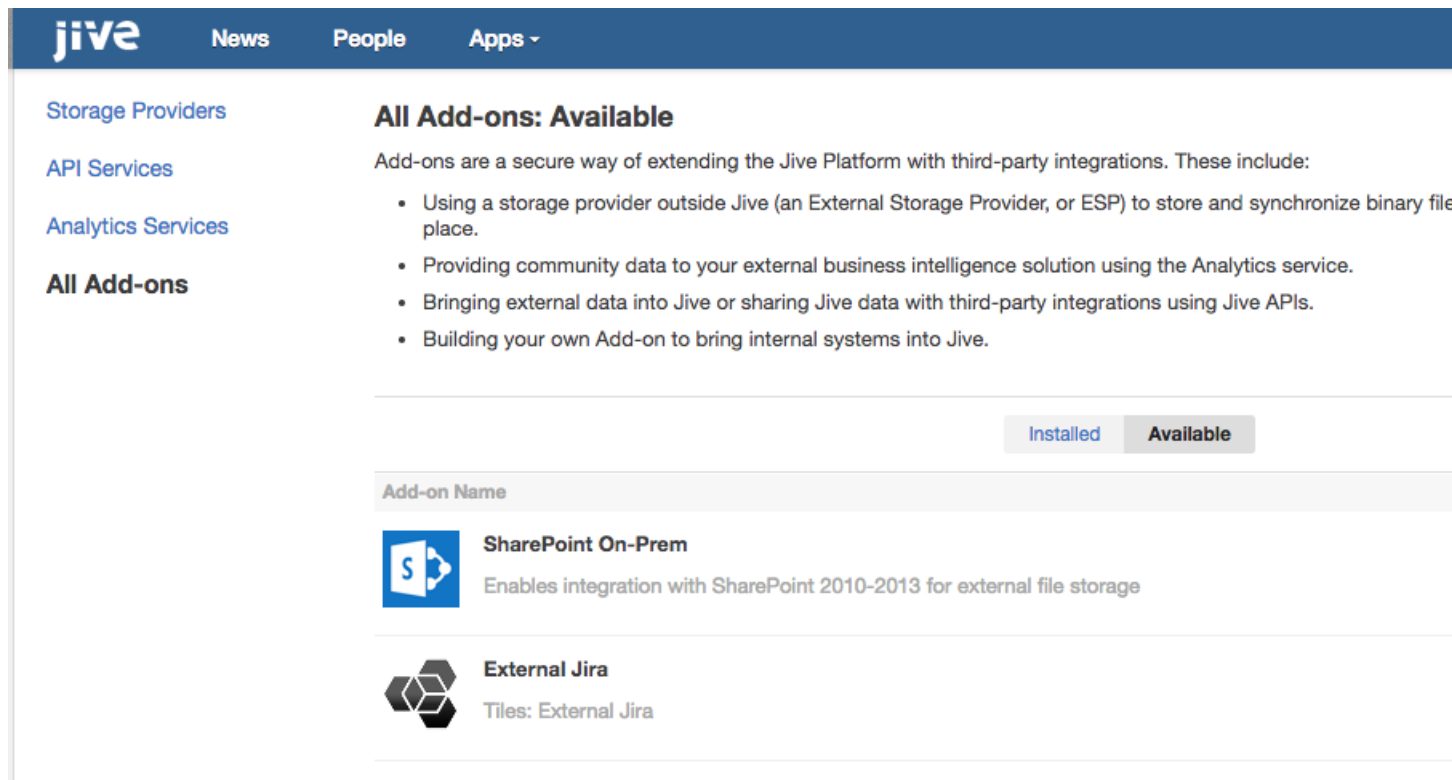
Here you can find installation instructions for the SharePoint integration add-on.

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**.

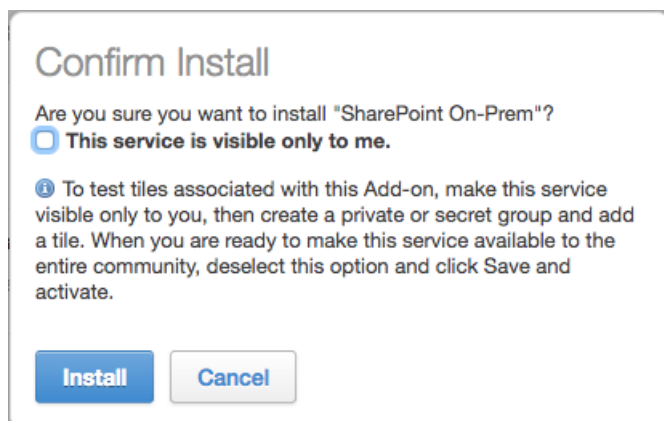
The All Add-ons page is displayed.

3. Click the **Available** tab.

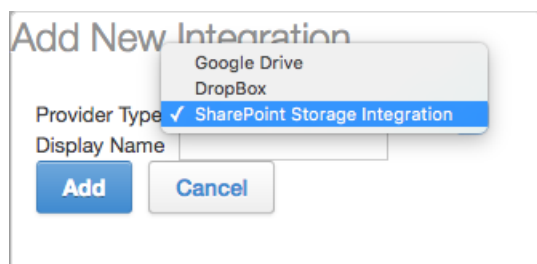


The screenshot shows the Jive user interface. At the top, there's a navigation bar with 'jive' logo and tabs for 'News', 'People', and 'Apps'. On the left, a sidebar lists 'Storage Providers', 'API Services', 'Analytics Services', and 'All Add-ons'. The main content area is titled 'All Add-ons: Available'. It contains a list of add-ons. The first add-on is 'SharePoint On-Prem', which has a blue icon with a white 'S' and a right-pointing arrow. Its description is 'Enables integration with SharePoint 2010-2013 for external file storage'. The second add-on is 'External Jira', which has a grey icon with three hexagons. Its description is 'Tiles: External Jira'. At the top right of the add-on list, there are two tabs: 'Installed' (in blue) and 'Available' (in grey).

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**.
2. 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 downloaded 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](#)
- [Creating and configuring storage instances](#)
- [Connecting Jive places to SharePoint](#)
- [Disconnecting your place from SharePoint](#)
- [About file sync between SharePoint and Jive](#)

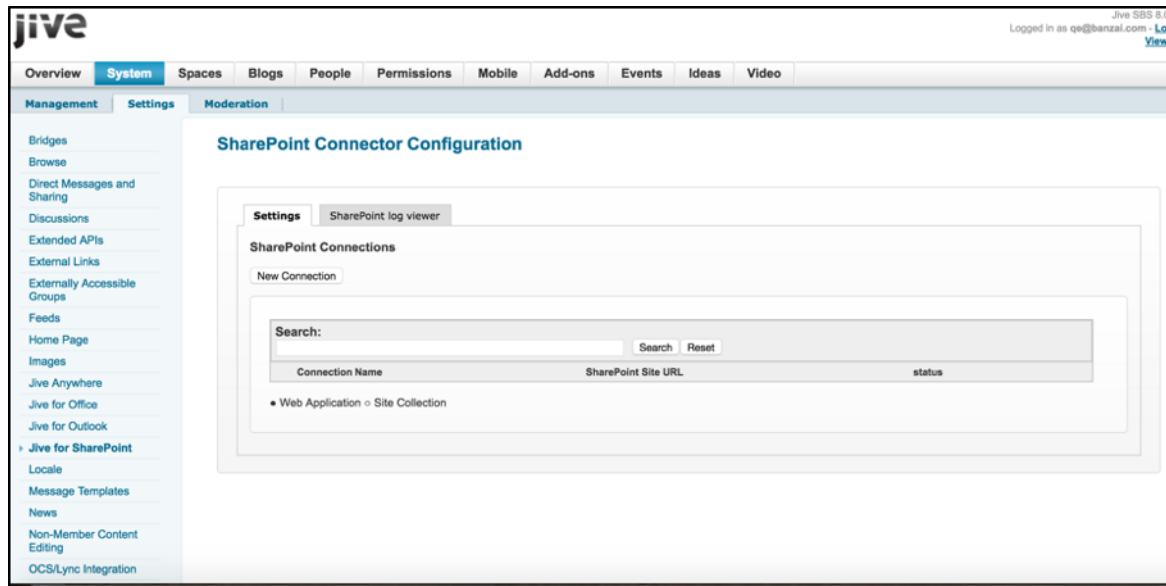
Configuring Jive for SharePoint connections

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** .



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**, **WTRrealm**, **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) on Microsoft portal at <https://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.

New Connection

ACCOUNT — 2 SITE DETAILS

Jive-All-Users permission group(s) ? e.g.: Contributor ActiveDirectory Group; MyUser

Jive-Admins permission group(s) ? e.g.: Administrator ActiveDirectory Group; MyAdmin

Jive server URL ?

SharePoint container creation policy ? ☒ Sub-site ☐ Site collection

< Back Finish Cancel

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 37.

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 Communities** section in the advanced search page.

Edit Connection

1 2 3

ACCOUNT SITE DETAILS **SEARCH SETTINGS**

Federated Search

< Back

Add Community Search

Finish Cancel

9. Click **Configure Search Options**.

The community search properties are displayed.

10 Enter 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.

11 Click **Add** to save this searched community.

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

Edit Connection

ACCOUNT SITE DETAILS **SEARCH SETTINGS**



Federated Search

[Add Community Search](#)

[< Back](#) [Finish](#) [Cancel](#)

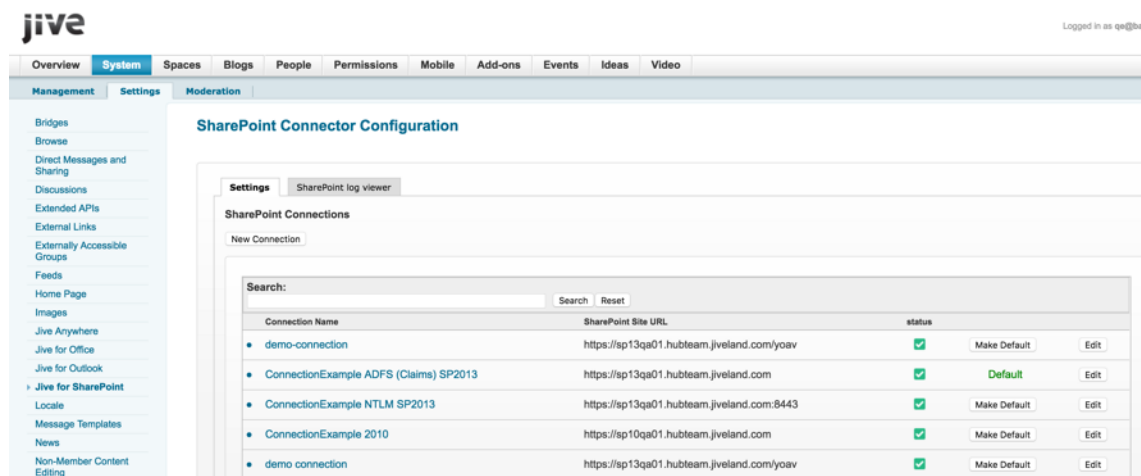
12 Click **Add Community Search** to add more searched communities.

13 If required, edit or delete the search configuration:

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

14 Click **Finish** to create the connection.

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



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 27.
2. Complete the configuration steps for federated search, as described in Step Step 8 on page 31 in [Configuring Jive for SharePoint connections](#) on page 27.

Creating and configuring storage instances

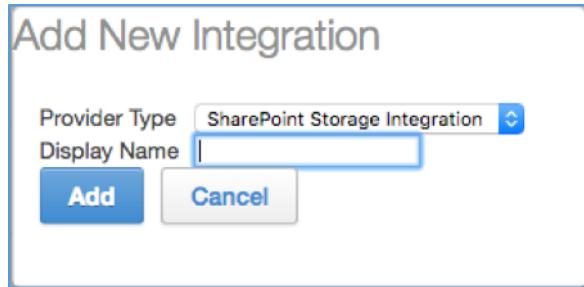
The Storage Management tab in Add-ons enables you to define default configurations for SharePoint as a Storage Provider. Do this if you want different default behavior for a specific site collection, or if you want to limit access to a specific site collection.

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:

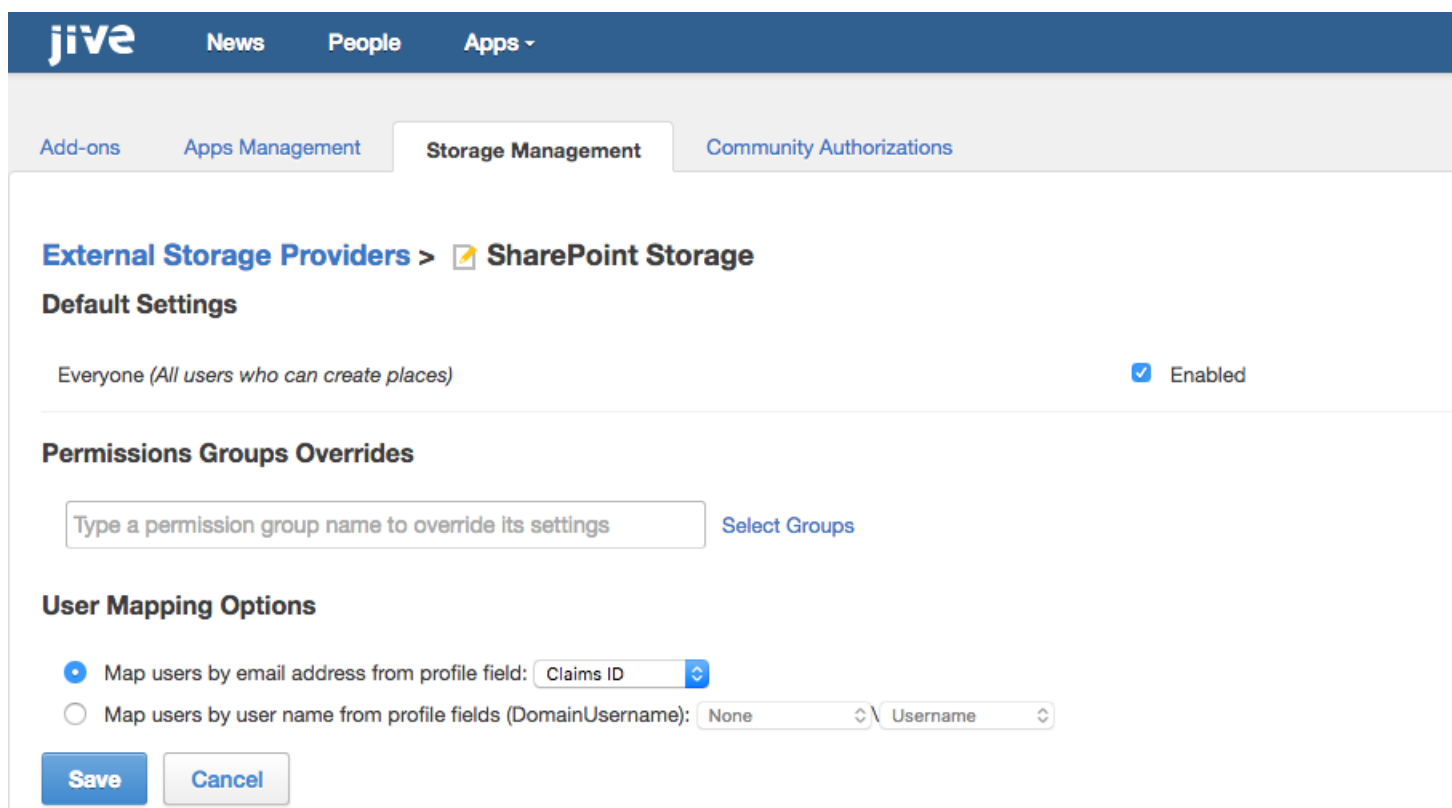
1. Log into Jive using an administrator account.
2. In the user interface, go to **Your avatar > Add-Ons** and then select the **Storage Management** tab.
3. Click **Add Integration**.

The **Add New Integration** dialog box is displayed.



The dialog box titled "Add New Integration" contains a "Provider Type" dropdown menu with "SharePoint Storage Integration" selected. Below it is a "Display Name" text input field. At the bottom are "Add" and "Cancel" buttons.

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



The screenshot shows the Jive "Storage Management" configuration page for "SharePoint Storage". The page has a header with "jive" logo and navigation links: "News", "People", and "Apps". Below the header are tabs: "Add-ons", "Apps Management", "Storage Management" (active), and "Community Authorizations". The main content area is titled "External Storage Providers > SharePoint Storage" and "Default Settings". It shows "Everyone (All users who can create places)" with an "Enabled" checkbox checked. Below is a "Permissions Groups Overrides" section with a text input field "Type a permission group name to override its settings" and a "Select Groups" button. The "User Mapping Options" section has two radio buttons: "Map users by email address from profile field:" (selected) with a "Claims ID" dropdown, and "Map users by user name from profile fields (DomainUsername):" with "None" and "Username" dropdowns. At the bottom are "Save" and "Cancel" buttons.

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

Resources
[web-parts](#)
[Documentation](#)
☒ Allow Jive to collect statistical information

List of Site Collections that will be available when creating places
+ Site Collections

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**.

10. Click **Save** again in the **Default Settings** page.

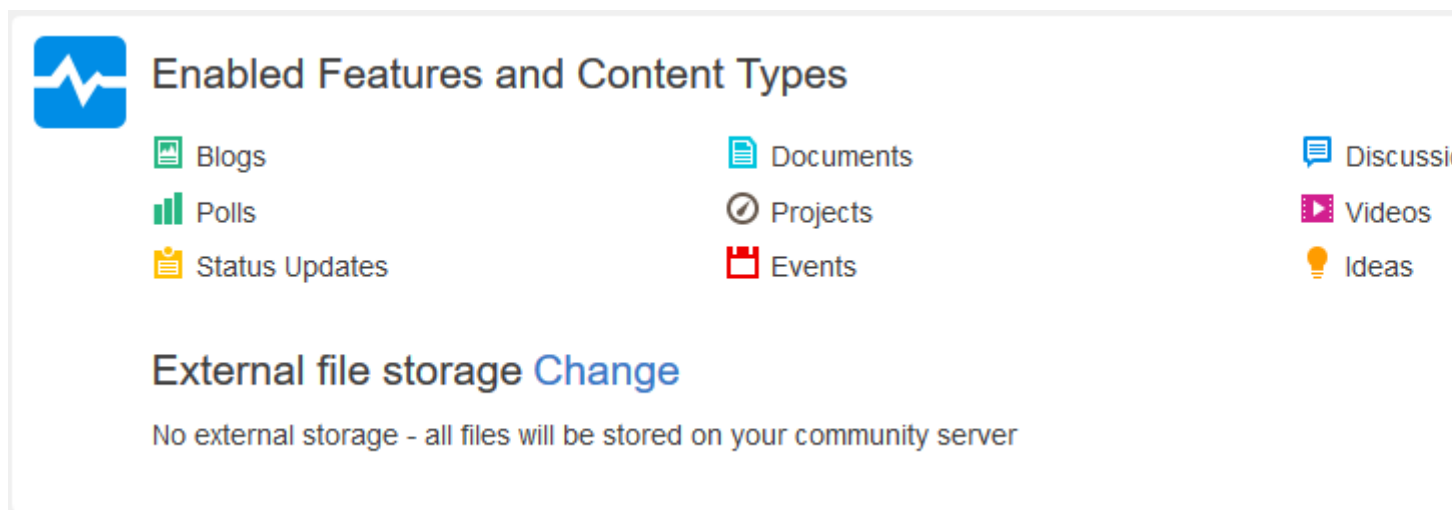
The storage instance is saved and displayed in the **External Storage Providers** page.

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 opens 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.

<input checked="" type="checkbox"/>  Blogs	<input checked="" type="checkbox"/>  Documents	<input checked="" type="checkbox"/>  Discussions & Questions	<input checked="" type="checkbox"/>  Polls	<input checked="" type="checkbox"/>  Projects	<input checked="" type="checkbox"/>  Videos
<input checked="" type="checkbox"/>  Status Updates	<input checked="" type="checkbox"/>  Events	<input checked="" type="checkbox"/>  Ideas			

External file storage

Choose where to store files saved in this group.

- ☐ No external storage - all files will be stored on your community server
- ☐  Jive BOX
- ☐  SPOnline
- ☒  SP-ON-PREM

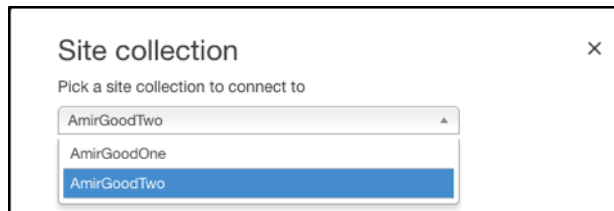
 Only files you upload from now on will be stored in external storage. Any files or attachments that were already created in this place will continue to be stored on the community server.

Apply

Close

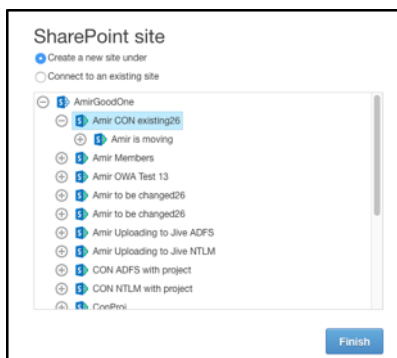
4. Select the site collection to which you want to connect the new place.

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 34.



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.



d) Click **Finish**.

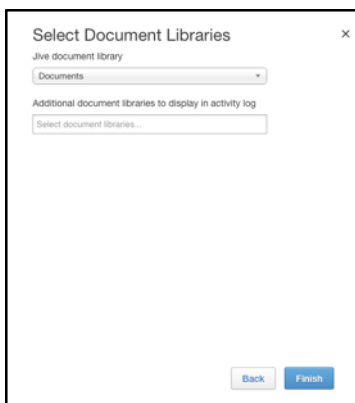
This creates a new site under the site you select in the tree view.

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.



- 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 files 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.

<input checked="" type="checkbox"/>  Blogs	<input checked="" type="checkbox"/>  Documents	<input checked="" type="checkbox"/>  Discussions & Questions	<input checked="" type="checkbox"/>  Polls	<input checked="" type="checkbox"/>  Projects	<input checked="" type="checkbox"/>  Videos
<input checked="" type="checkbox"/>  Status Updates	<input checked="" type="checkbox"/>  Events	<input checked="" type="checkbox"/>  Ideas			

External file storage

Choose where to store files saved in this group.

- ☐ **No external storage - all files will be stored on your community server**
- ☐  **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 already created in this place will continue to be stored on the community server.

Apply

Close

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**.

Groups

Group type	All registered users in Jive	Everyone principal in SharePoint
Open	Granted contribute	Added to Jive Contributors permission group
Members only	Granted read-only	Added to Jive Readers permission group
Private and Private Unlisted	No permission	No permission

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 is 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 administrator user.
2. At the top of the right corner, click **Settings > Site Settings**.
3. Click **Site Permissions**.