

## **Current Crowd Version 2.7.1**

### **Pre-requisites (Create IS tickets to complete)**

- Get access to server on which crowd is installed for your local machine (Enter VLAN access).
- Get LDAP port connection between crowd server and LDAP server (Enter VLAN access).

### **This documents contains following sections**

1. Adding Application
  - a. Configure Crowd to talk to your application
  - b. Configure the application to talk to Crowd
2. Adding user
3. Creating Group
4. Adding user in a group
5. Remove user from group
6. Creating internal Directory
7. Add Microsoft Active Directory

## Adding Application

There are two main steps to integrating an application with Crowd:

Step 1: Configure Crowd to talk to your application — that is, set up a directory in Crowd containing your users and groups, and then add the application to Crowd using the 'Add Application' wizard, as described below. The application will now be allowed to authenticate against Crowd.

1. Login in Crowd
2. Go to Applications→ Add Application
3. Select the desired application type you want to add(example taken here is JIRA)

The screenshot shows the 'Add Application' wizard in the Crowd interface. The top navigation bar includes 'Applications', 'Users', 'Groups', 'Directories', and 'Administration'. The 'Applications' tab is active. On the left, there are buttons for 'Search Applications' and 'Add Application'. The main area is titled 'Add Application' and contains a progress bar with five steps: 1. Details (active), 2. Connection, 3. Directories, 4. Authorisation, and 5. Confirmation. The 'Details' step includes the following fields:

- Application Type:** A dropdown menu with the text 'Please select an application'. The dropdown is open, showing a list of application types: JIRA, Confluence, Bamboo, FishEye, Crucible, Stash, and Generic Application.
- Name:** A text input field.
- Description:** A text input field.
- Password:** A text input field with a red asterisk indicating it is required.
- Confirm Password:** A text input field with a red asterisk indicating it is required.

At the bottom of the form, there are two buttons: 'Next >' and 'Cancel'.

4. Add the unique name and password that the application will use to authenticate against the Crowd framework as a client.

The screenshot shows the Crowd web interface. At the top is a dark blue header with the 'CROWD' logo. Below it is a navigation bar with tabs: 'Applications' (selected), 'Users', 'Groups', 'Directories', and 'Administration'. On the left side, there is a sidebar with 'Search Applications' and 'Add Application' buttons. The main content area is titled 'Add Application'. Below the title are five tabs: '1. Details' (active), '2. Connection', '3. Directories', '4. Authorisation', and '5. Confirmation'. The '1. Details' tab contains the following fields:

- Application Type:** A dropdown menu with 'JIRA' selected. Below it is a note: 'Are you connecting JIRA to Crowd, or perhaps Confluence or Bamboo?'
- Name:** A text input field containing 'jira'. Below it is a note: 'The unique name that the application will use to authenticate against the Crowd framework as a client.'
- Description:** A text input field containing 'jira-http://172.27.59.74:8081'. Below it is a note: 'A short description of the application. Often a URL is helpful.'
- Password:** A password input field with masked characters (dots).
- Confirm Password:** A password input field with masked characters (dots).

At the bottom of the form are two buttons: 'Next »' and 'Cancel'.


5. Give URL of your application. Then click Resolve IP Address.

The screenshot shows the same Crowd web interface, but now on the '2. Connection' tab. The title of the form is 'Add Application - jira\_test'. The tabs are: '1. Details', '2. Connection' (active), '3. Directories', '4. Authorisation', and '5. Confirmation'. The '2. Connection' tab contains the following fields:

- URL:** A text input field containing 'http://172.27.59.74:8081'. To the right of this field is a button labeled 'Resolve IP Address'. Below the field is a note: 'The URL where this application resides, e.g. http://jira.atlassian.com'.
- Remote IP Address:** A text input field containing '172.27.59.74'. Below the field is a note: 'The IP address for the application, e.g. 127.0.0.1'.

At the bottom of the form are two buttons: 'Next »' and 'Cancel'.

6. Select Directory from which users can access that application(like Jira) according to their access rights.



Applications

Users

Groups

Directories

Administration

Search Applications

Add Application

Add Application - jira\_test

1. Details

2. Connection

3. Directories

4. Authorisation

5. Confirmation

Please select the directories you are going to let this application use for authentication and authorisation.

Cybage Crowd server:

☒

Crowd Internal Directory

test\_LDAP:


☐

Microsoft Active Directory

Next »

Cancel

7. Select group of users who can access application. There are mainly two groups needed one group is admin and other is normal users group for application (in case of Jira we have one more group i.e. jira-developers group).



Applications

Users

Groups

Directories

Administration

Search Applications

Add Application

Add Application - jira\_test

1. Details

2. Connection

3. Directories

4. Authorisation

5. Confirmation

Either 'allow all' users access from a given directory to the 'jira\_test' application, or choose the specific groups from each directory.

Directory – Cybage Crowd server

Allow all users to authenticate:

☐

Let all users in this directory authenticate against the 'jira\_test' application.

Directory Groups:

Select...

Select...

bamboo-admin

bamboo-users

confluence-administrators

confluence-users

crowd-administrators

jira-administrators

jira-users

stash-administrators

stash-users

test me

Add Group

Crowd Documentation.

Page 4

8. Now confirm the application and click add application button.

The screenshot shows the Crowd web interface for adding a new application. The top navigation bar includes 'Applications', 'Users', 'Groups', 'Directories', and 'Administration'. On the left, there are buttons for 'Search Applications' and 'Add Application'. The main content area is titled 'Add Application - jira\_test' and features a multi-step process with tabs: '1. Details', '2. Connection', '3. Directories', '4. Authorisation', and '5. Confirmation'. The '1. Details' tab is active, displaying the following information:

Application Type:	JIRA
Name:	jira_test
URL:	http://172.27.59.74:8081
Remote IP Address:	172.27.59.74

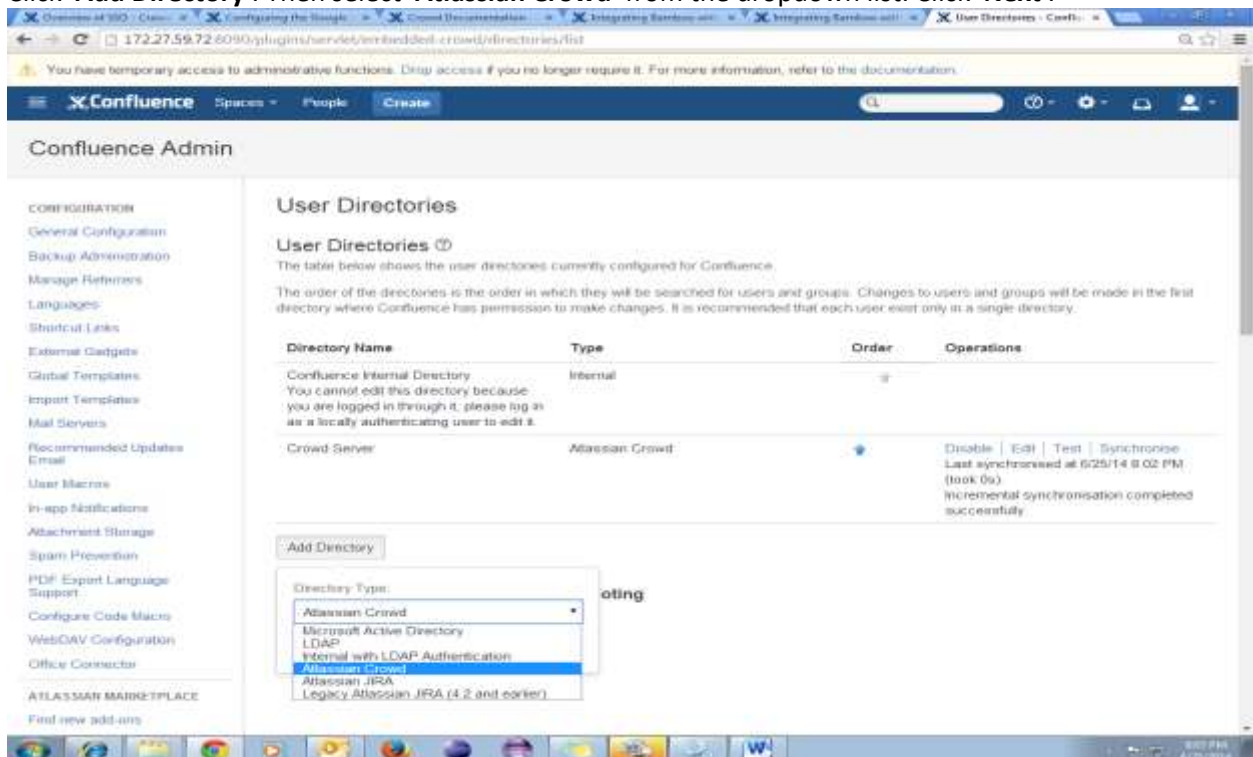
Below this information, a section titled 'Directory – Cybage Crowd server' contains the text: 'All users in this directory have access to the 'jira\_test' application.' At the bottom of this section, there are two buttons: 'Add Application' (highlighted with a red rectangle) and 'Cancel'.

Step 2 Configure the application to talk to Crowd — that is, install the Crowd client into the application(in new versions of atlassian tools crowd is already installed) and configure the application to forward users' authentication and security requests to Crowd.

1. Add a Crowd Directory in JIRA(or other atlassian tools).
2. Click on the '**User Directories**' label of the left bar under the 'Users, Groups & Roles 'tab (varies in different atlassian tools but present mostly at administrators setting page).



3. Click '**Add Directory**'. Then select '**Atlassian Crowd**' from the dropdown list. Click '**Next**'.



4. Enter connection parameters and save. If you configure Server URL to use HTTPS, by replacing http:// with https://, communications between JIRA and Crowd will be encrypted.

### Configure Atlassian Crowd Server

JIRA can use Crowd for user management: users, groups and authentication.

#### Server Settings

Name \*

Server URL \*   
for example, http://www.example.com:8095/crowd/

Application Name \*   
Used to authenticate to the user management server.

Application Password \*   
Used to authenticate to the user management server.

#### Crowd Permissions

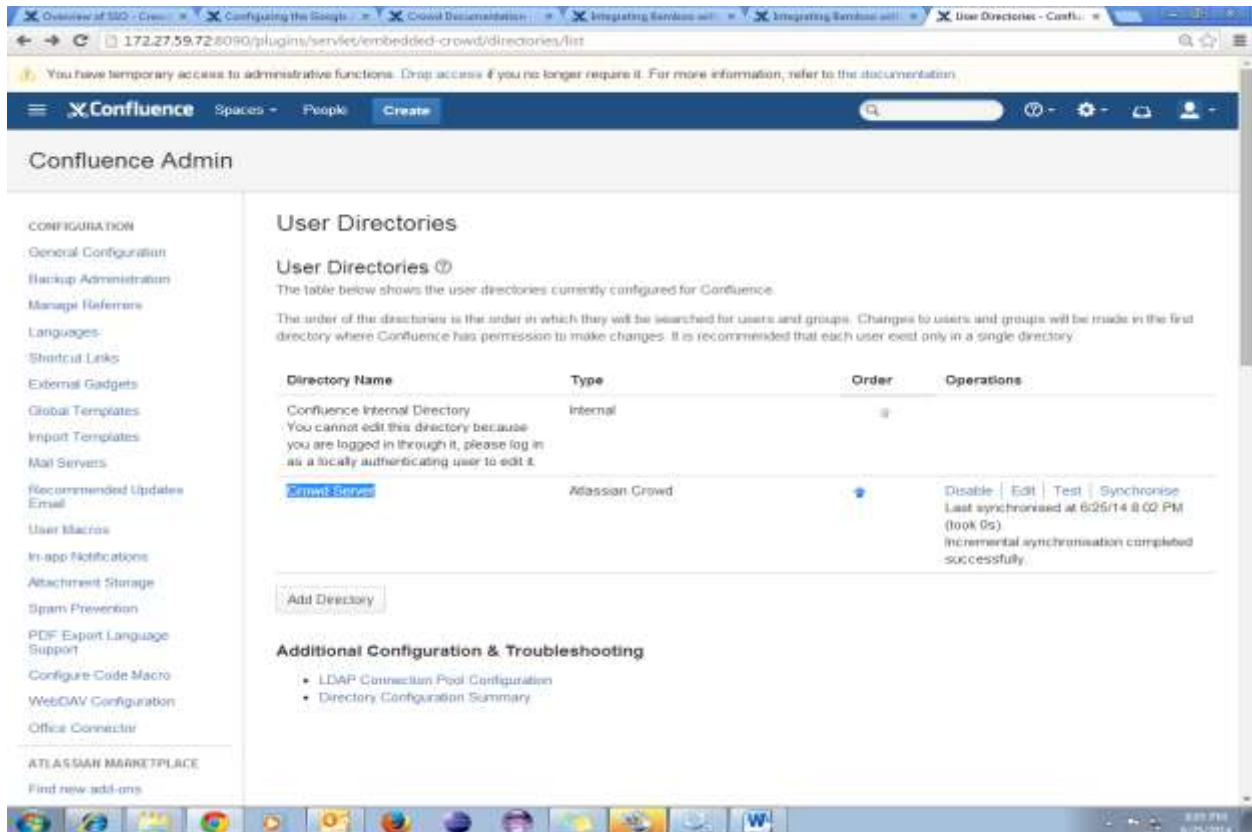
☒ Read-Only  
Users, groups and memberships are retrieved from the Crowd server and cannot be modified in JIRA.

☐ Read-Write  
Modifying users, groups and memberships in JIRA will cause the changes to be applied directly to your Crowd server. Your configured Crowd application will need to have modification permissions on your Crowd server.

#### Advanced Settings

☐ Enable Nested Groups  
If true, groups can contain other groups. Enabling this option may degrade performance.

5. Now a new Crowd directory should appear on the user directory list.
6. Test connection after configuration.



## Adding user

1. Log in to the Crowd Administration Console.
2. Click the 'Users' tab in the top navigation bar.
3. This will display the User Browser. Click 'Add User' in the left-hand menu.
4. Complete the following fields:
  - a. Email — the email address of the user. Email addresses must follow the RFC2822 format.
  - b. Active — only deselect this if you wish to deny the user access to the Crowd-integrated applications.
  - c. Username — the user's login name. Within a given directory, the username must be unique. Note that you cannot change the username once the user has been created.
  - d. Password — the user's password. If you have configured an email server and a notification template, Crowd will send the user an email notification about their new password.
  - e. Confirm Password — enter the same password again, to ensure that you have typed it correctly.
  - f. First Name — the user's first name.
  - g. Last Name — the user's last name.
  - h. Directory — the directory to which the user will be added. Note that the user cannot be moved to a different directory once the user has been created.
5. Click the 'Create' button to add the user.

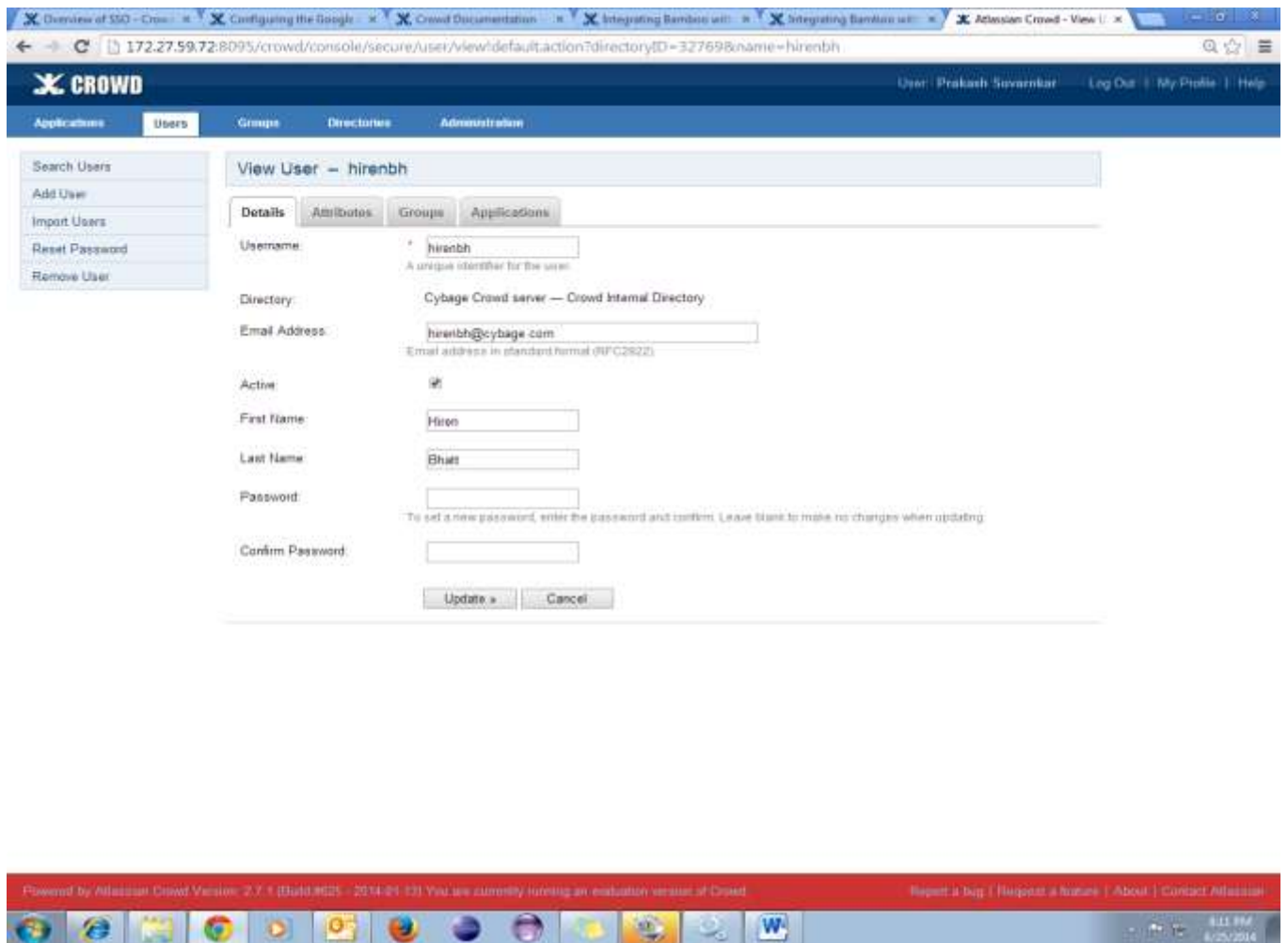
The screenshot shows the 'Add User' form in the Crowd Administration Console. The top navigation bar has tabs for Applications, Users (selected), Groups, Directories, and Administration. On the left, a sidebar menu contains 'Search Users', 'Add User' (selected), and 'Import Users'. The main form area is titled 'Add User' and contains the following fields:

- Email Address:** \* prajaktaba@evolvingsols.com  
Email address in standard format (RFC2822).
- Active:** ☒
- Username:** \* evolvingsols\prajaktaba  
A unique identifier for the user.
- Password:** \* [masked]
- Confirm Password:** \* [masked]
- First Name:** \* Prajakta
- Last Name:** \* Babar
- Directory:** \* Cybage Crowd server  
The directory the user belongs to.

At the bottom right of the form are two buttons: 'Create »' and 'Cancel'.

6. After creating the user, you will be able to specify the user's attributes and group membership. If you wish, you can also verify that the user can log in to appropriate applications.





## Creating Group

1. Log in to the Crowd Administration Console.
2. Click the 'Groups' link in the top navigation bar.
3. This will display the Group Browser. Click 'Add Group' in the left-hand menu.
4. Complete the fields as described
  - a. Name: The unique name of the group. Within a given directory, the Name must be unique. Note that the Name cannot be changed once the group is created.
  - b. Description: A short description of the group.
  - c. Directory: The directory to which the group will be added. Note that the group cannot be moved to a different directory after it is created.
  - d. Active: Only deselect this if you wish to deny access to all members of the group.


The screenshot shows the 'Add Group' form in the Crowd Administration Console. The top navigation bar includes 'Applications', 'Users', 'Groups' (selected), 'Directories', and 'Administration'. On the left, there is a sidebar with 'Search Groups' and 'Add Group' (selected). The main form area is titled 'Add Group' and contains the following fields:

- Name:** A text input field containing 'jira-users'. A red asterisk indicates it is required. Below the field is the text 'The unique name of the group.'
- Description:** A text input field containing 'User who can access jira'. Below the field is the text 'Description of the group.'
- Directory:** A dropdown menu with 'Cybage Crowd server' selected. A red asterisk indicates it is required. Below the field is the text 'The directory the group belongs to.'
- Active:** A checkbox that is checked.

At the bottom right of the form are two buttons: 'Create »' and 'Cancel'.

## Adding user in a group

1. Log in to the Crowd Administration Console.
2. Click the 'Users' link in the top navigation bar.
3. The User Browser will appear. Select the relevant directory, locate the user you wish to add, and click the link on the user's name.
4. The 'User Details' screen will appear. Click the 'Groups' tab.
5. A list of the user's current groups (if any) will appear, , as shown below. Click the 'Add Groups' button.
6. The 'Add Groups' popup screen will appear, as shown below. Enter all or part of the group name in the 'Search' textbox. Leave the search box empty to match all groups.
7. You can refine your search by choosing 'Active' or 'Inactive' groups.
8. You can also set the 'Maximum Results', i.e. the number of groups to be retrieved. Click the 'Search' button. Crowd will list the groups in the selected directory that match your search criteria, but excluding groups that the user already belongs to.
9. Select the groups by putting a tick in the checkbox next to one or more groups. To select all groups, you can put a tick in the checkbox at the top of the table.
10. Click the 'Add Selected groups' button to add the user to the selected groups.

 User: Prakash

[Applications](#) [Users](#) [Groups](#) [Directories](#) [Administration](#)

[Search Users](#)  
[Add User](#)  
[Import Users](#)

### Users

Search :  Directory : Cybage Crowd serv Active : All Search

Name	Details
<a href="#">Prakash Suvarnkar</a>	Username: admin Email Address: prakashs@evolvingsols.com
<a href="#">Hiren Bhatt</a>	Username: hirenbh Email Address: hirenbh@cybage.com
<a href="#">Manjul Srivastava</a>	Username: manjul Email Address: manjuls@cybage.com
<a href="#">Manoj Shetty</a>	Username: manojshe Email Address: manojshe@cybage.com
<a href="#">Prashant Gore</a>	Username: prashantgo Email Address: prashantgo@cybage.com
<a href="#">Vijeta Angeer</a>	Username: vijetaa Email Address: vijetaa@cybage.com

Search Users

Add User

Import Users

Reset Password

## View User – admin

Details

Attributes

Groups

Applications

These are the groups the user is a member of.

Group	Description	Active
<a href="#">bamboo-admin</a>	Administrator group of bamboo	true
<a href="#">confluence-administrators</a>	admin group of confluence	true
<a href="#">confluence-users</a>	users who can access confluence	true
<a href="#">crowd-administrators</a>		true
<a href="#">jira-administrators</a>	Administrator group of jira	true
<a href="#">jira-users</a>	User who can access jira	true
<a href="#">stash-administrators</a>	Administrator group of stash	true
<a href="#">stash-users</a>	users who can access stash	true
<a href="#">test me</a>	testing	true

Add Groups

Remove Groups

## Add Groups

Search :  Active :  Maximum Results : 

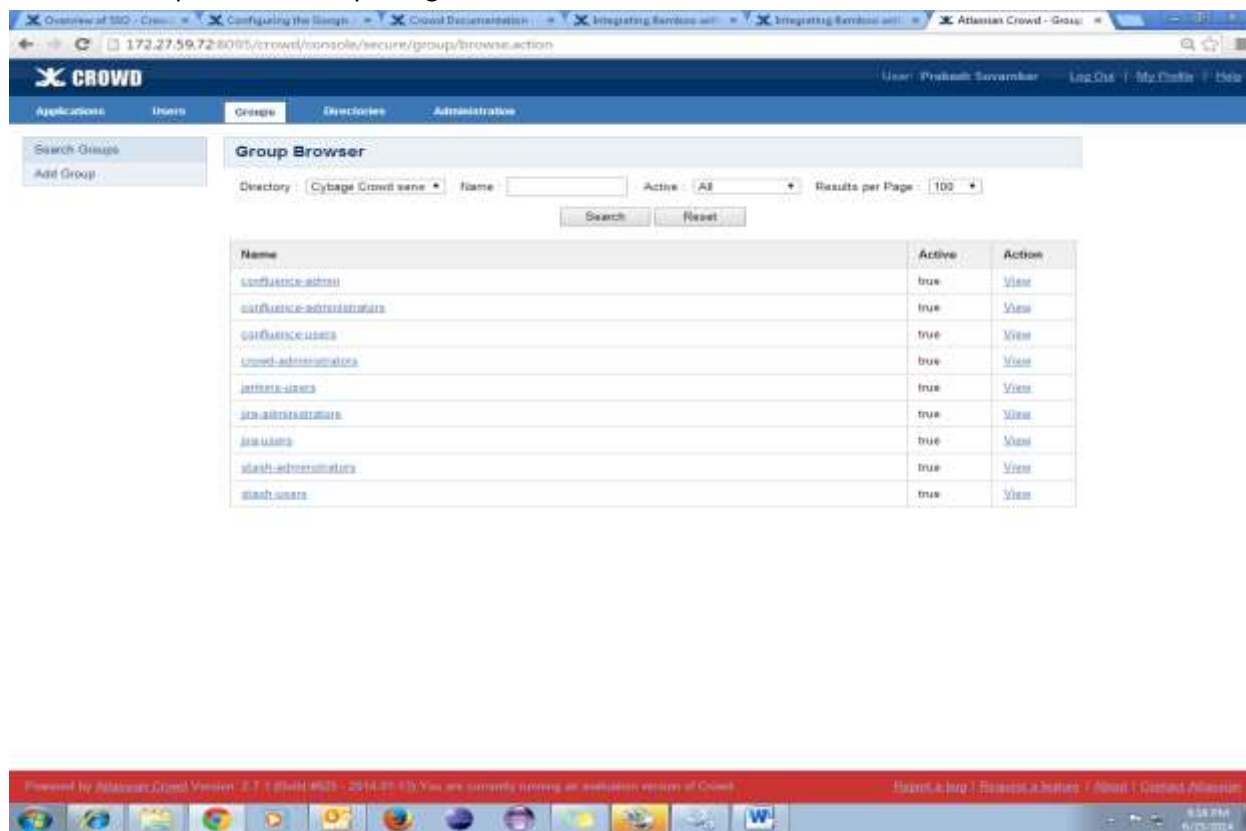
<input type="checkbox"/>	Name	Description
<input type="checkbox"/>	bamboo-users	users who can access bamboo

Add Selected Groups

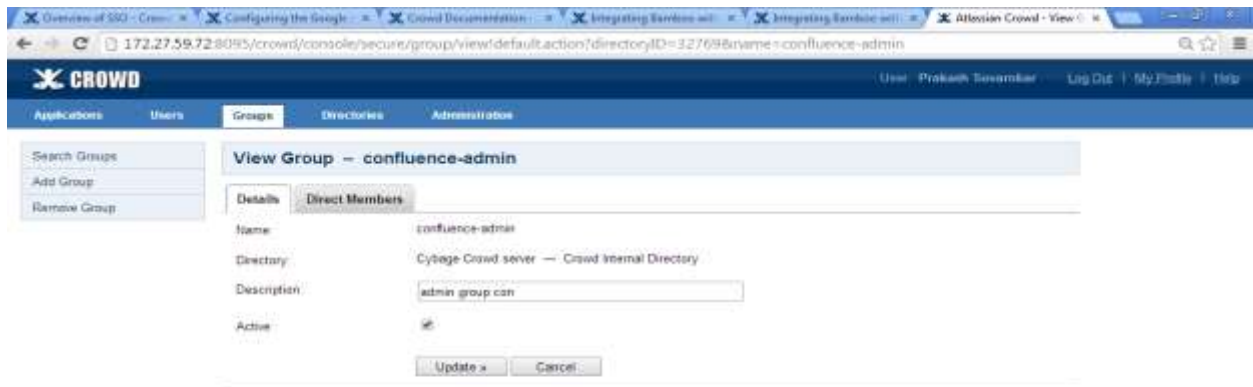
Cancel

## Add user to group in bulk

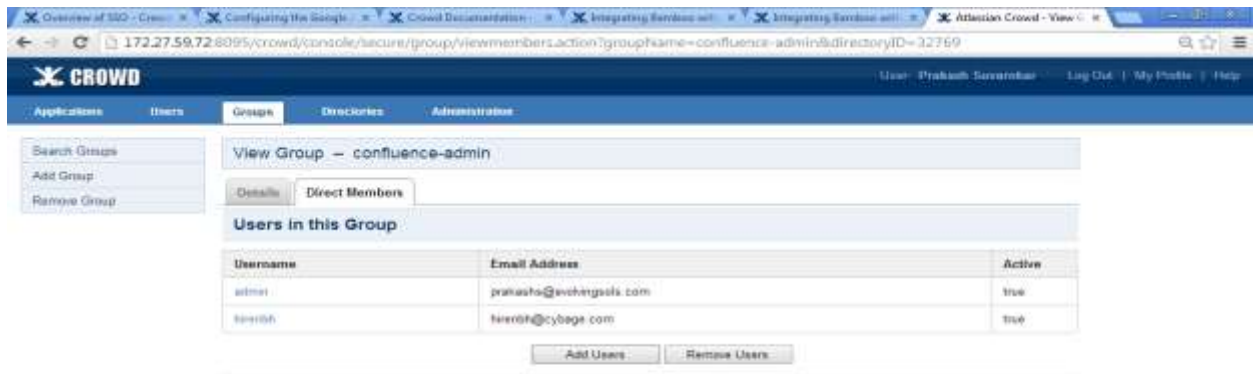
1. Log in to the Crowd Administration Console.
2. Click on 'Group' link in the top navigator bar.



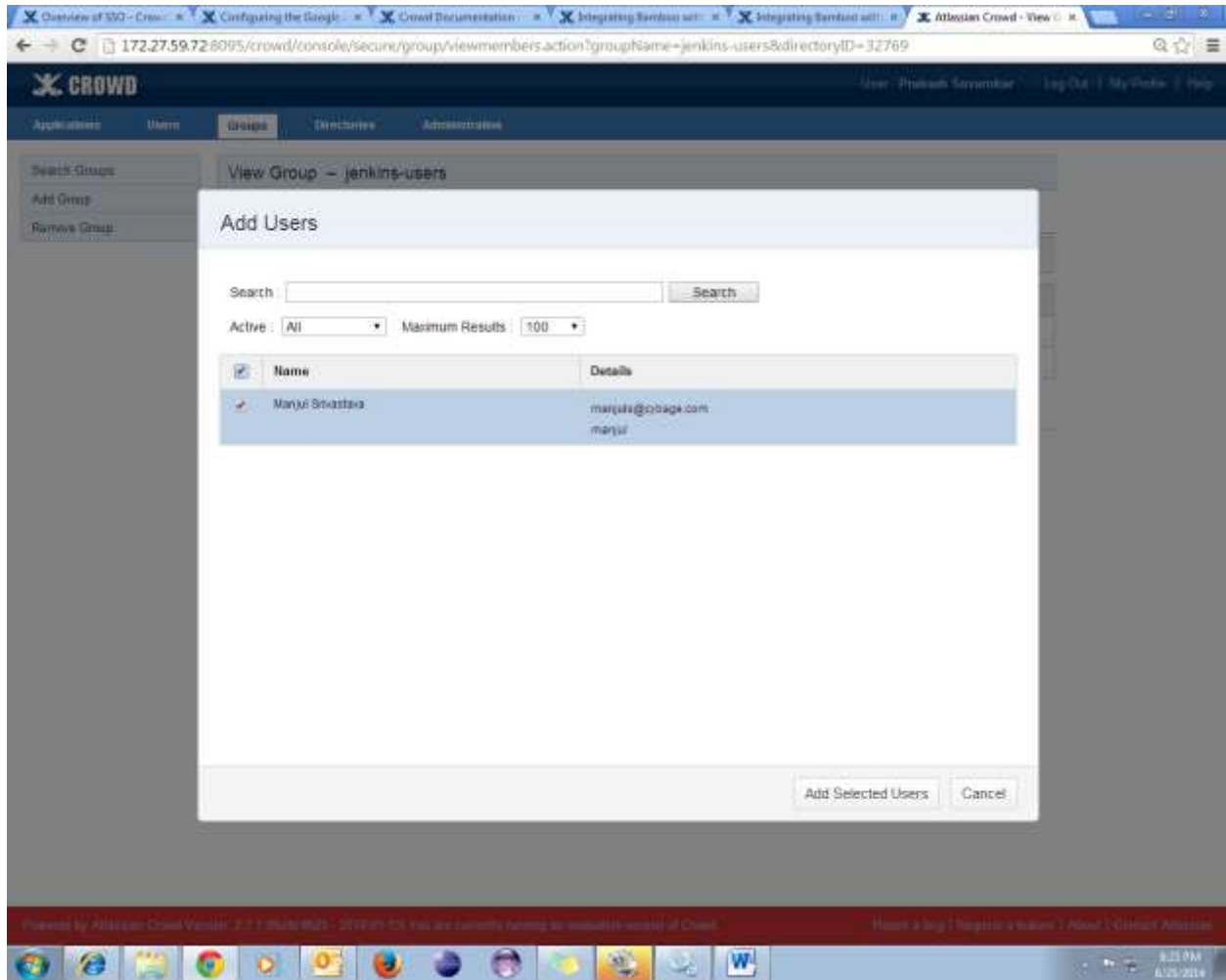
3. Select group in which you want to add members



- Go to the 'Directory Members' section and click on 'Add users' button.



- Now a window pop-up and in this window click on 'search' button. You will get all users list who are not members of that group.
- You can select multiple users and add then in group in a single go, just click on 'Add Selected Users' button.



## Remove user from group

1. Log in to the Crowd Administration Console.
2. Click the 'Users' link in the top navigation bar.
3. This will display the User Browser. Select the relevant directory, locate the user you wish to remove, and click the link on the user's name.
4. This will display the 'User Details' screen. Click the 'Groups' tab.
5. A list of the user's current groups (if any) will appear, as shown below. Click the 'Remove Groups' button.
6. The 'Remove Groups' popup screen will appear, as shown below. Enter all or part of the group name in the 'Search' textbox. Leave the search box empty to match all groups. You can refine your search by choosing 'Active' or 'Inactive' groups.
7. Click the 'Search' button. Crowd will list the groups that the user belongs to, matching your search criteria in the selected directory.
8. Select the groups by putting a tick in the checkbox next to one or more groups. To select all groups, you can put a tick in the checkbox at the top of the table.
9. Click the 'Remove Selected groups' button to remove the user from the selected groups.

### Remove Groups

Search :

Active :  Maximum Results :

<input type="checkbox"/>	Name	Description
<input type="checkbox"/>	bamboo-admin	Administrator group of bamboo
<input type="checkbox"/>	confluence-administrators	admin group of confluence
<input type="checkbox"/>	confluence-users	users who can access confluence
<input type="checkbox"/>	crowd-administrators	
<input type="checkbox"/>	jira-administrators	Administrator group of jira
<input type="checkbox"/>	jira-users	User who can access jira
<input type="checkbox"/>	stash-administrators	Administrator group of stash
<input type="checkbox"/>	stash-users	users who can access stash
<input type="checkbox"/>	test me	testing



## Creating internal Directory

1. Log in to the Crowd Administration Console.
2. Click the 'Directories' tab in the top navigation bar.
3. This will display the Directory Browser. Click 'Add Directory' in the left-hand menu.
4. Click the 'Internal' button.
5. Complete the fields as described
  - a. Name: The name used to identify the directory within Crowd. This is useful when there are multiple directories configured, e.g. Chicago Employees or Web Customers.
  - b. Description: Details about this specific directory.
  - c. Active: Only deselect this if you wish to prevent all users within the directory from accessing all mapped applications. If a directory is not marked as 'Active', it is inactive. Inactive directories: are not included when searching for users, groups or memberships. are still displayed in the Crowd Administration Console screens.
  - d. Password Regex: Regex pattern which new passwords will be validated against. Leave blank to disable this feature.
  - e. Password Complexity Message: A message shown when a user is resetting a password to explain custom complexity requirements set with Password Regex (since Crowd 2.5.2).
  - f. Maximum Invalid Password Attempts: The maximum number of invalid password attempts before the authenticating account will be disabled. Enter 0 to disable this feature.
  - g. Maximum Unchanged Password Days: The number of days until the password must be changed. This value is in days, enter 0 to disable this feature.
  - h. Password History Count: The number of previous passwords to prevent the user from using. Enter 0 to disable this feature.
  - i. Password Encryption: If you wish to import users into this directory from another Atlassian product, specify 'ATLASSIAN-SECURITY' in order to ensure password compatibility.
  - j. Use Nested Groups: Enable or disable support for nested groups on the internal user directory.
6. Click the 'Continue' button to configure the directory's permissions.

The screenshot shows the 'Select Directory Type' screen in the Crowd Administration Console. The top navigation bar includes 'Applications', 'Users', 'Groups', 'Directories' (selected), and 'Administration'. The user is logged in as 'Prakash'. On the left, there are buttons for 'Search Directories' and 'Add Directory'. The main content area is titled 'Select Directory Type' and lists five directory types with their descriptions and corresponding buttons:

- Internal directories** store authentication and authorisation information in the Crowd database. (Button: Internal »)
- Delegated Authentication** directories store users and groups within Crowd and delegate authentication to an external LDAP directory. (Button: Delegated Authentication »)
- Crowd ships with several LDAP connectors, such as Active Directory, Apache Directory Server, Sun ONE/DSEE and OpenLDAP. (Button: Connector »)
- Crowd can connect to remote Crowd directories. (Button: Remote Crowd »)
- Custom directories allow developers to implement an interface to connect custom user stores such as existing databases. (Button: Custom »)

Search Directories

Add Directory

## Create Internal Directory

Details

Permissions

Name:

\* test\_internal\_directory

A short, recognisable name that characterises this user directory. For example: "Chicago Employees" or "Web Customers".

Description:

for testing purpose

More information about this directory.

Active:

☒

If the directory is marked inactive, users in that directory will be unable to access Crowd or any Crowd-connected applications

Password Regex:

Regular expression pattern which new passwords will be validated against. Leave blank to disable this feature.

Password Complexity

Requirement Message:

Message explaining the password complexity requirements for the directory.

Maximum Invalid Password Attempts:

0

The maximum number of invalid password attempts before the authenticating account will be disabled. Enter 0 to disable this feature.

Maximum Unchanged Password Days:

0

The number of days until the password must be changed. Enter 0 to disable password expiry.

Password History Count:

0

The number of previous passwords to check when disallowing repeated passwords on password change. Enter 0 to allow password repeats.

Password Encryption:

\* ATlassian-Security

For compatibility between Atlassian products you must use ATlassian-Security.

Use Nested Groups:

☐

This will enable nested group support for the directory.

Continue »

Cancel

Search Directories

Add Directory

## Create Internal Directory

Details

Permissions

Add Group:



Allow groups to be added to the directory.

Add User:



Allow users to be added to the directory.

Modify Group:



Allow groups to be modified in the directory.

Modify User:



Allow users to be modified in the directory.

Modify Group Attributes:



Allow group attributes to be modified in the directory.

Modify User Attributes:



Allow user attributes to be modified in the directory.

Remove Group:



Allow groups to be removed from the directory.

Remove User:



Allow users to be removed from the directory.

Continue »


Cancel

## Add Microsoft Active Directory

1. Log in to the Crowd Administration Console.
2. Click the 'Directories' link in the top navigation bar.
3. The Directory Browser will appear. Click the 'Add Directory' link.
4. The 'Select Directory Type' screen will appear. Click the 'Connector' button.
5. The 'Details' tab will appear. Enter the 'Name' and 'Description' and click 'Continue>>'.
6. Click the 'Connector' tab.
7. Select the relevant connector type and fill in the basic connection information for your directory server. (in our example we are using Microsoft Active Directory).
8. Give URL for your external directory(in our case we are using LDAP).
9. Provide base DN (domain) . And give username and password to test the connection.
10. Click the 'Test Connection' button to verify that Crowd can successfully connect to the directory.
11. Click the 'Configuration' tab.
12. Fill in the configuration details for your groups and users.
13. In configuration tab we can specify user DN(like ou, cn etc). And search filter query to filter users(restrict users).
14. Click the 'Test Search' button to verify that Crowd can successfully locate groups and users within the LDAP active directory.
15. After test search(if successful) go back to connector tab and click 'Continue>>' . Only in this way the search filter will restrict number of users get imported in directory.
16. Click the 'Permissions' tab to configure the directory's permissions.

The screenshot shows the 'Select Directory Type' screen in the Crowd Administration Console. The top navigation bar includes 'Applications', 'Users', 'Groups', 'Directories' (selected), and 'Administration'. The user is logged in as 'Prakash'. On the left, there are links for 'Search Directories' and 'Add Directory'. The main content area lists four directory types with their descriptions and corresponding buttons:

- Internal**: Internal directories store authentication and authorisation information in the Crowd database. Button: Internal »
- Delegated Authentication**: Delegated Authentication directories store users and groups within Crowd and delegate authentication to an external LDAP directory. Button: Delegated Authentication »
- Connector**: Crowd ships with several LDAP connectors, such as Active Directory, Apache Directory Server, Sun ONE/DSEE and OpenLDAP. Button: Connector » (highlighted with a red rectangle)
- Remote Crowd**: Crowd can connect to remote Crowd directories. Button: Remote Crowd »
- Custom**: Custom directories allow developers to implement an interface to connect custom user stores such as existing databases. Button: Custom »

User: Prakash Suva

ApplicationsUsersGroupsDirectoriesAdministration

Search DirectoriesAdd Directory

Create Directory Connector

DetailsConnectorConfigurationPermissions

Name: \* test\_LDAP

A short, recognisable name that characterises this user directory. For example: "Chicago Employees" or "Web Customers".

Description: testing for fetching LDAP users

More information about this directory.


Active: ☒

If the directory is marked inactive, users in that directory will be unable to access Crowd or any Crowd-connected applications

Cache Enabled: ☒

Enable caching to keep an up-to-date cache of directory information in the Crowd database. All queries are run against the cache instead of the directory

Continue »Cancel


User: Prakash St

ApplicationsUsersGroupsDirectoriesAdministration

Search DirectoriesAdd Directory

Create Directory Connector

DetailsConnectorConfigurationPermissions

 There was an error in updating the directory. Please check the fields to ensure all entries are valid.

Connector: \* Microsoft Active Directory

The directory connector to use when communicating with the directory server. Custom directory connectors can be configured if an out-of-box connector is not supplied. Documentation and examples are available from the Atlassian website.

URL: \* ldap://172.27.172.209:389/

The connection URL to use when connecting to the directory server. For example ldap://localhost:389

Secure SSL: ☐

Tick the box to indicate that the connection to the directory server should be secured using SSL.

Use Node Referrals: ☒

The Base DN cannot be blank for this directory.

Base DN: OU=ALM\_Licenced,dc=Evolvsols,dc=com

Enter the root Distinguished Name (DN) to use when running queries versus the directory server. For example: o=acmecorp,c=com.

Username: evolvsols\prajaktaba

Connect to the directory server using the supplied username. For example cn=adminstrator,o=acmecorp,c=com. Leave blank to connect anonymously.

Password: .....

Connect to the directory server using the supplied password.

Test Connection

Continue »Cancel

User: Prakash Su

Applications

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Search Directories

Add Directory

Create Directory Connector

Details

Connector

Configuration

Permissions

The server address and port are valid. Please verify your DN settings through the Configuration panel by performing a group or user search.

Connector:

\*

Microsoft Active Directory

The directory connector to use when communicating with the directory server. Custom directory connectors can be configured if an out-of-box connector is not supplied. Documentation and examples are available from the Atlassian website.

URL:

\*

ldap://172.27.172.209:389/

The connection URL to use when connecting to the directory server. For example ldap://localhost:389

User: Prakash Su

Applications

Users

Groups

Directories

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Search Directories

Add Directory

Remove Directory

View Directory - test\_LDAP

Details

Connector

Configuration

Permissions

Options

Search successful.

User Configuration

User DN:

This value is used in addition to the base DN when searching and loading users. An example is ou=Users. If no value is supplied, the subtree search will start from the base DN.

User Object Class:

\*

user

The LDAP user object class type to use when loading users.

User Object Filter:

\*

(&(objectCategory=Person)(sAMAcco

The filter to use when searching user objects.

User Name Attribute:

\*

sAMAccountName

The attribute field to use on the user object (eg. cn, sAMAccountName)

User Name RDN Attribute:

\*

cn

The RDN to use when loading the user user name (eg. cn).

User First Name Attribute:

\*

givenName

The attribute field to use when loading the user first name.

User Last Name Attribute:

\*

sn

The attribute field to use when loading the user last name.

User Display Name Attribute:

\*

displayName

The attribute field to use when loading the user full name.

User Email Attribute:

\*

mail

The attribute field to use when loading the user email.

User Group Attribute:

\*

memberOf

The attribute field to use when loading the users groups.

User Password Attribute:

\*

unicodePwd

The attribute field to use when manipulating a user password.

User Unique Identifier Attribute:

objectGUID

The attribute field to use for tracking user identity across user renames.

Test Search

Crowd Documentation.

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Search Directories

Add Directory

Remove Directory

## View Directory - test\_LDAP

Details

Connector

Configuration

Permissions

Options

Add Group:



Allow groups to be added to the directory.

Add User:



Allow users to be added to the directory.

Modify Group:



Allow groups to be modified in the directory.

Modify User:



Allow users to be modified in the directory.

Modify Group Attributes:



Allow group attributes to be modified in the directory.

Modify User Attributes:



Allow user attributes to be modified in the directory.

Remove Group:



Allow groups to be removed from the directory.

Remove User:



Allow users to be removed from the directory.

Update »

Cancel