1. **What is JIRA?**

**Ans:JIRA** is a tool developed by Australian Company Atlassian. It is used for bug tracking, issue tracking, and project management. The name "**JIRA**" is actually inherited from the Japanese word "Gojira" which means "Godzilla". The basic use of this tool is to track issues, and bugs related to your software and mobile apps.

1. **What are the options while installing JIRA on Windows?**

## Ans:Install a JIRA application

1. Download **JIRA**

Download the installer for your operating system - <https://www.atlassian.com/software/jira/download>

2. **Run the installer**

1. Run the installer. We recommend using a Windows administrator account.
2. Follow the prompts to install JIRA. You'll be asked for the following info:  
   1. **Destination directory** – this is where JIRA will be installed.
   2. **Home directory** – this is where JIRA data like logs, search indexes and files will be stored.
   3. **TCP ports** – these are the HTTP connector port and control port JIRA will run on. Stick with the default unless you're running another application on the same port.
   4. **Install as service** – this option is only available if you ran the installer as administrator.
3. JIRA will start up in your browser once installation is complete.

**Set up your JIRA application**

3. Choose set up method

Choose I'll set it up myself.

4. **Connect to your database**

1. If you've not already done so, it's time to create your database. See the 'Before you begin' section of this page for details.
2. Choose My own database.
3. Choose your database type then enter the details for your database.

Show me how to do this...

5. **Set application properties**

1. Give your JIRA site a name.
2. Choose whether your site should is private or if anyone can sign up. You can change this later.
3. Enter your base URL - this is the address people will use to access your JIRA site.

5. Enter your license

Follow the prompts to log in to  [my.atlassian.com](http://my.atlassian.com/) to retrieve your license, or enter a license key.

6. Create your administrator account

Enter details for the administrator account.  You can add more administrators after set up is complete.

7. Set up email notifications

Enter details of your mail server.  This will allow JIRA to send notifications when issues change.

8. Start using JIRA

That's it! Your JIRA site is accessible from your base URL or a URL like this: http://<computer\_name\_or\_IP\_address>:<port>

Here's a few things that will help you get your team up and running:

* [Add and invite users](https://confluence.atlassian.com/adminjiraserver071/managing-users-802592317.html) – get your team on board.
* [Create your first project](https://confluence.atlassian.com/adminjiraserver071/configuring-projects-802592363.html) – set up something to work on

1. **What are the options while installing JIRA on LINUX?**

## Ans:Install a JIRA application

1. **Download JIRA**

Download the installer for your operating system – <https://www.atlassian.com/software/jira/download>

2. **Run the installer**

1. **Make the installer executable**.

 Show me how to do this...

1. **Run the installer** – we recommend using sudo to run the installer as this will create a dedicated account to run JIRA and allow you to run JIRA as a service.

 Show me how to do this...

1. Follow the prompts to install JIRA. You'll be asked for the following info:  
   * Install type – choose option 2 (custom) for the most control.
   * Destination directory – this is where JIRA will be installed.
   * Home directory – this is where JIRA data like logs, search indexes and files will be stored.
   * TCP ports – these are the HTTP connector port and control port JIRA will run on. Stick with the default unless you're running another application on the same port.
   * Install as service – this option is only available if you ran the installer as sudo.
2. Once installation is complete head to [http://localhost:8080](http://localhost:8080/) in your browser to begin the setup process.   
   (Replace 8080 if you chose a different port during installation) .

**Set up your JIRA application**

3. Choose set up method

Choose  I'll set it up myself.

4. Connect to your database

1. If you've not already done so, it's time to create your database. See the 'Before you begin' section of this page for details.
2. Choose My own database.
3. Choose your database type then enter the details for your database.

 Show me how to do this...

5. **Set application properties**

1. Give your JIRA site a name.
2. Choose wether your site should is private or if anyone can sign up. You can change this later.
3. Enter your base URL - this is the address people will use to access your JIRA site.

5. **Enter your license**

Follow the prompts to log in to  [my.atlassian.com](http://my.atlassian.com/) to retrieve your license, or enter a license key.

6. **Create your administrator account**

Enter details for the administrator account.  You can add more administrators after set up is complete.

7. **Set up email notifications**

Enter details of your mail server.  This will allow JIRA to send notifications when issues change.

8. **Start using JIRA**

That's it! Your JIRA site is accessible from your base URL or a URL like this: http://<computer\_name\_or\_IP\_address>:<port>

Here's a few things that will help

you get your team up and running:

* [Add and invite users](https://confluence.atlassian.com/adminjiraserver072/managing-users-828787660.html) – get your team on board.
* [Create your first project](https://confluence.atlassian.com/adminjiraserver072/configuring-projects-828787706.html) – set up something to work on

1. **What are the Pre Conditions to install JIRA?**

Ans:Refer This Link: (http://confluence.xpand-addons.com/display/XRAY/Pre-Condition)

1. **Complete User Management?**

# Ans:Usermanagement

You can use JIRA to manage it's own users, or you can connect JIRA to an external user management system. You can also use JIRA as a user management system for other Atlassian products, so that your users have the same login details for all their Atlassian products.

## Managing users

[This section](https://confluence.atlassian.com/docm/manage-users-394462722.html) covers all aspects of using JIRA for user management. Learn everything from how to create and view a user, to deactivation and monitoring user activity.

## Managing groups

[Learn](https://confluence.atlassian.com/adminjiraserver071/managing-groups-802592332.html) which groups exist by default when you install a JIRA application as well as how to create, edit, and delete groups, add users to groups,. This section also covers assigning permissions to JIRA functions.

**JIRA groups**

A JIRA group is a convenient way to manage a collection of users. You can use groups throughout JIRA to:

* Allow application access.
* Grant global permissions or project specific access.
* Receive email notifications.
* Access issue filters and dashboards.
* Reference workflow conditions.
* Integrate with project roles.

**JIRA default groups**

Two groups are automatically created when you install JIRA for the first time: the jira-administrators group and one user group associated with the application.

Refer This Link:

https://confluence.atlassian.com/adminjiraserver071/managing-groups-802592332.html

## Advanced user management

[Learn](https://confluence.atlassian.com/adminjiraserver071/advanced-user-management-802592339.html) about the advanced user management features in JIRA, such as allowing other Atlassian products to connect to JIRA for user management, enabling public signup, and user management limitations and recommendations.

## User directories

[Learn](https://confluence.atlassian.com/adminjiraserver071/configuring-user-directories-802592347.html) more about your JIRA user directory and how to connect to external directories for external user management.

1. **How to Creation of projects, assigning to the particular user & adding the watchers & adding the groups into the project?**

Ans: **Creation of Project in JIRA:**

Step 2.Customize your site

1. Navigate to the Look and Feel configuration for your JIRA site using the quick operation: . ...
2. In the Logo section > Upload from File field, choose the Choose File button.
3. Choose an image for your JIRA logo in the dialog that appears. ...
4. Choose the Upload Logo button on the Look and Feel screen.

Refer This Link :

<https://confluence.atlassian.com/jira064/create-a-project-720412889.html>

**How to Adding the watchers in JIRA**:

1. **Creation of new issue types & assigning into the multiple projects?**
2. **How to Link of the more issues on the Projects?**
3. **What is Cloning & What is the purpose of that?**
4. **How to do the bulk update in JIRA?**
5. **How to find the jira home directory-jira-application properties?**
6. **What is Workflow? How to Create Workflow? How to Possible the Workflow?**
7. **Screens? How to Create a New Screen? How to Publish the screen into a single project & multiple projects& testing mechanism?**
8. **How to Create a Custom Variable and assigning into the screens & listing mechanism?**
9. **How to add a New Plugin/ add ons?Types of add ons?**
10. **Where will you update the licences for JIRA?(UNDER APPLICATIONS:VERSIONS ND LICENSE)**
11. **How to block the particular domains into JIRA? (User management / SignUP Options)**
12. **How to get the New User alerts to the admin?**
13. **Explain the Architecture of JIRA?**
14. **How to Setup the JIRA home in a OS and how to validate it?**
15. **Where can I find the JIRA Logs?**
16. **How to connect to the database? What are the required details (or) how to change the database to another database?**
17. **What is the name of the default database & JIRA – Hsql database?**
18. **How many ways attachments will be stored & what is the location of attachment folder?**
19. **Subversion (or) SVN or version controller? How to add above all into Project?**
20. **How to charge a time in a ticket?**
21. **What is the difference between Screen Kanborn dashboards?**
22. **Indexing &Reindexing?**
23. **Types of Reports in the JIRA?(2 types: out of box reports,customized reports)**
24. **How to Link Confluence in JIRA?**
25. **How to add issue Statuses in JIRA?**
26. **What is the Post function in JIRA?**
27. **What are the Columns that are not displayed while closing the issue Time tracking, issue tracking?**
28. **What is a Lable? How to Create a lable& How to test this? How to add the custom variable as mandatory field in a screen?**
29. **Is it Possible to edit the issue in a sprint, workflow & how to test it?**
30. **What is a sprint & how to assign the issues in a sprint? How to reopen the closed sprint? How to move the backlogs into the sprint? It is Possible to reopen the Sprint?**
31. **What is Clustering? How to install jira into clustering environment?**
32. **How JIRA works in a load balancing system?**
33. **Explain how to share an issue with other users? (Issue Change History Include)**
34. **Explain what does the 3 colour indicates tracking time duration for issue?**
35. **How to change the multilingual in JIRA?**
36. **Complete Folder Structures web Web/inf, web/classes settings XML?**
37. **How to change the running port number in a JIRA server.xml?**
38. **How to delete the locked in JIRA logs – types Access**