

DEVOPS ENGINEER


Install Jenkins on Windows

1. Browse to the [official Jenkins download page](#). Under the **Downloading Jenkins** section is a list of installers for the long-term support (LTS) version of Jenkins. Click the **Windows** link to begin the download.

Downloading Jenkins

Jenkins is distributed as WAR files, native packages, installers, and Docker images. Follow these installation steps:

1. Before downloading, please take a moment to review the [Hardware and Software requirements](#) section of the User Handbook.
2. Select one of the packages below and follow the download instructions.
3. Once a Jenkins package has been downloaded, proceed to the [Installing Jenkins](#) section of the User Handbook.
4. You may also want to verify the package you downloaded. [Learn more about verifying Jenkins downloads.](#)

 **Download Jenkins 2.303.3 LTS for:**

Generic Java package (.war)
SHA-256:
8a0ae7367755b3f31a050faa945f7a3991abdb43d941c7294cac0890c1e27


Docker


Ubuntu/Debian


CentOS/Fedora/Red Hat


Windows


openSUSE

FreeBSD 

Gentoo 

macOS 

OpenBSD 

 **Download Jenkins 2.319 for:**

Generic Java package (.war)
SHA-256:
50e9c818oda1bdf3ba7e2a1e590f027a889bd527d5b0c2daaa944ce351c7105


Docker


Ubuntu/Debian


CentOS/Fedora/Red Hat


Windows

openSUSE

Arch Linux 

FreeBSD 

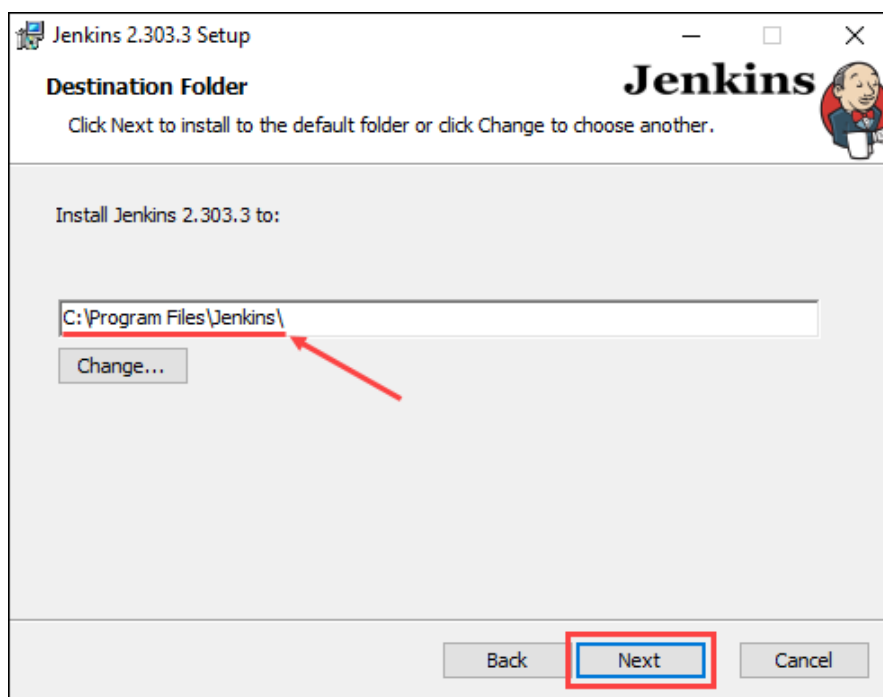
Gentoo 

macOS 

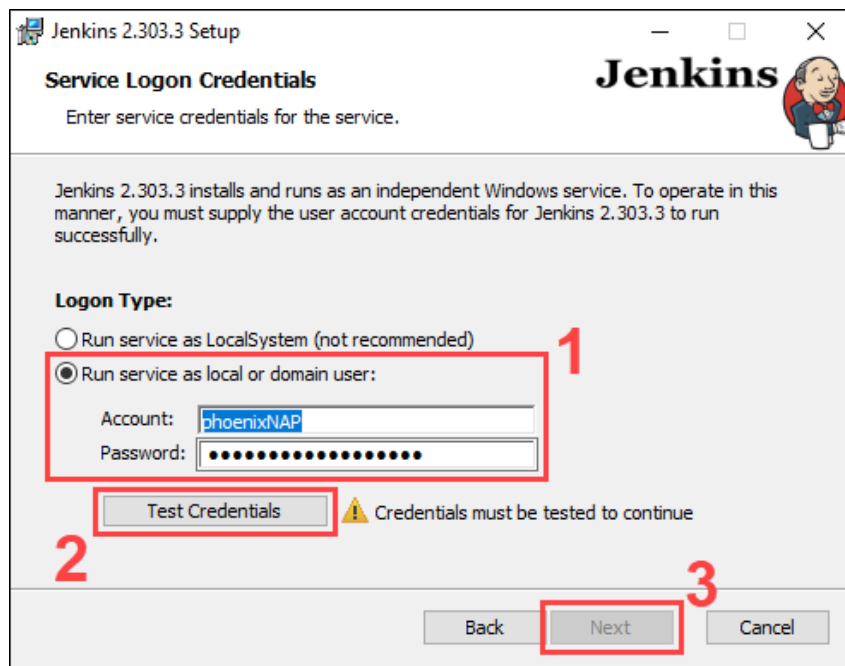
2. Once the download is complete, run the **jenkins.msi** installation file.
3. The setup wizard starts. Click **Next** to proceed.



4. Select the install destination folder and click **Next** to continue.



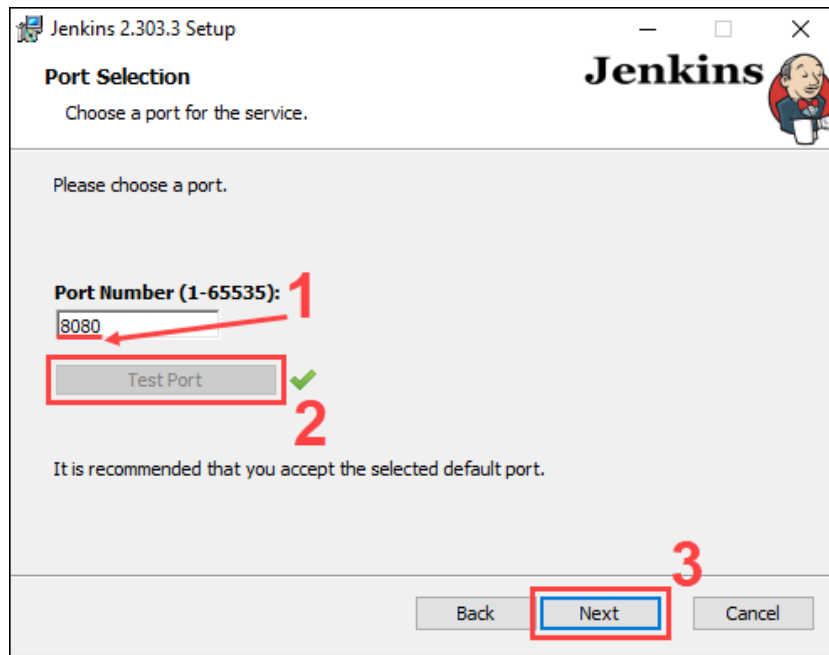
5. Under the **Run service as a local or domain user** option, enter the [domain](#) username and password for the user account you want to run Jenkins with. Click **Test Credentials** to verify the login data, then click **Next** to proceed.



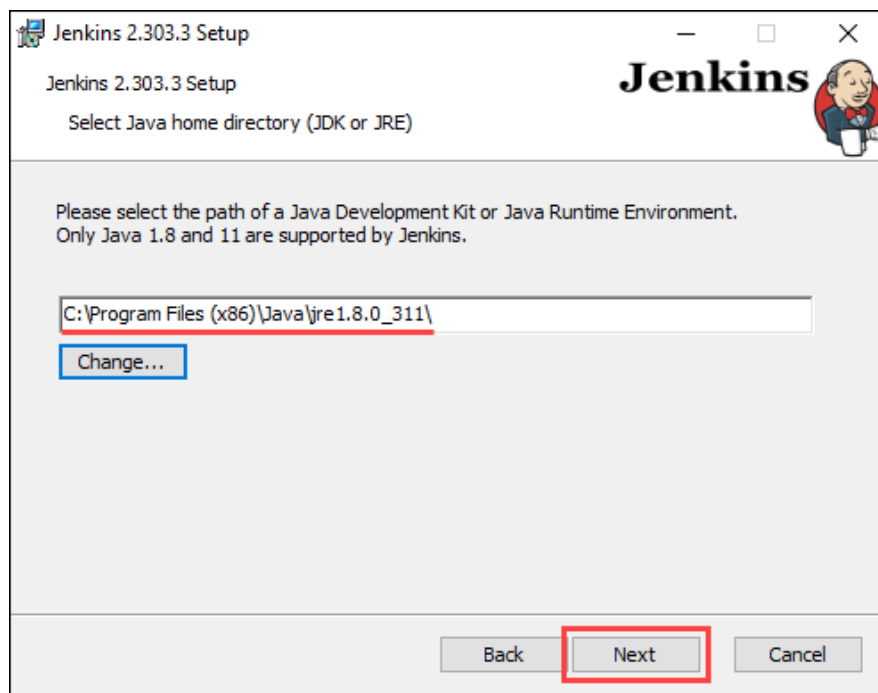
Using the **Run service as LocalSystem** option doesn't require you to enter user login data. Instead, it grants Jenkins full access to your system and services. Note that this is a less secure option and is thus not recommended.

Note: When selecting the **Run service as local or domain user**, the user in question must have the required permission to log on as a service. If this is not the case, an error message stating the account cannot be verified appears. In the event of this error, perform the following steps to resolve the issue:

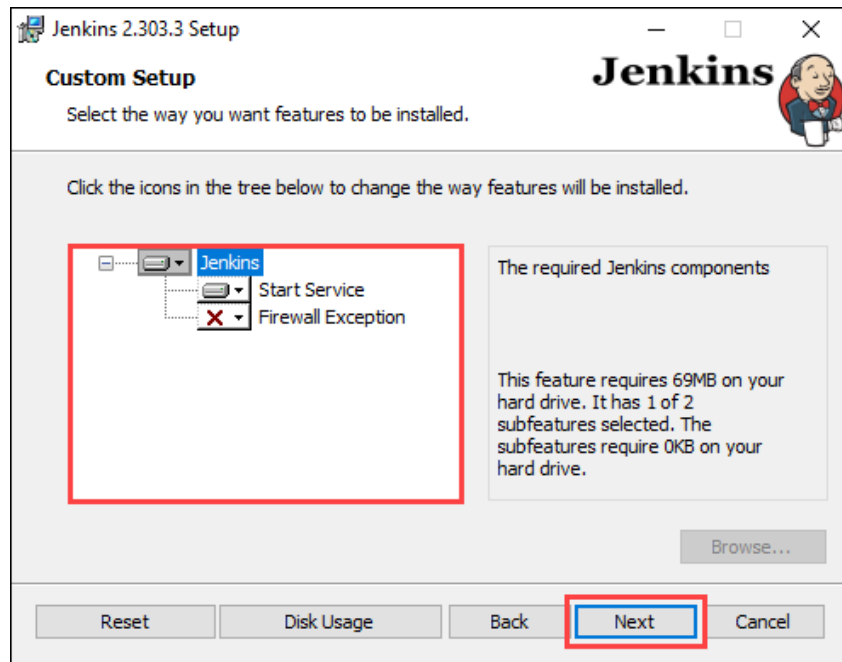
1. Make sure you are logged in as a user with administrative privileges.
 2. In the **Administrative Tools**, open **Local Security Policy**.
 3. In the **Local Security Policy** window, expand **Local Policy** in the left-hand panel and select **User Rights Assignment**.
 4. In the right-hand side panel, right-click **Log on as service** and select **Properties**.
 5. Click the **Add User or Group...** button.
 6. Use the **Select Users or Groups** dialogue to add the current user and click **OK**.
 7. Save changes by clicking the **OK** button in the **Properties** window.
6. Enter the port number you want Jenkins to run on. Click **Test Port** to check if the selected port is available, then click **Next** to continue.



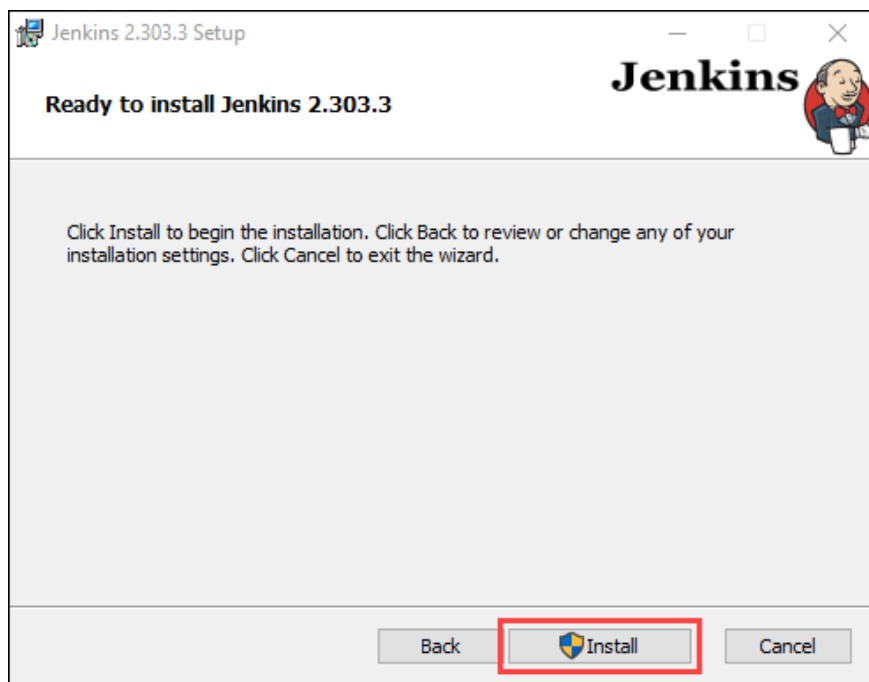
7. Select the directory where [Java is installed](#) on your system and click **Next** to proceed.



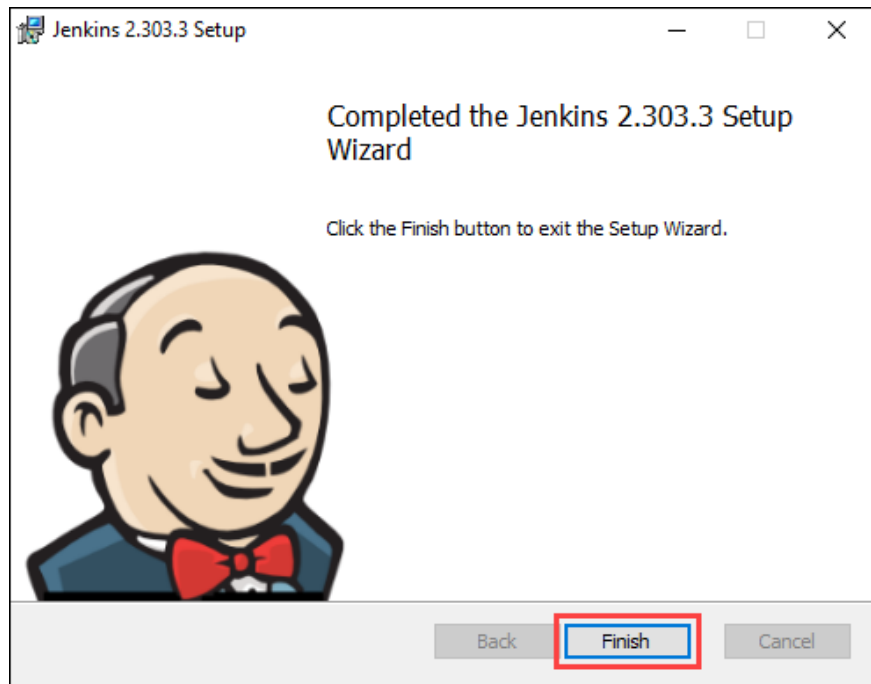
8. Select the features you want to install with Jenkins and click **Next** to continue.



9. Click **Install** to start the installation process.



10. Once the installation is complete, click **Finish** to exit the install wizard.



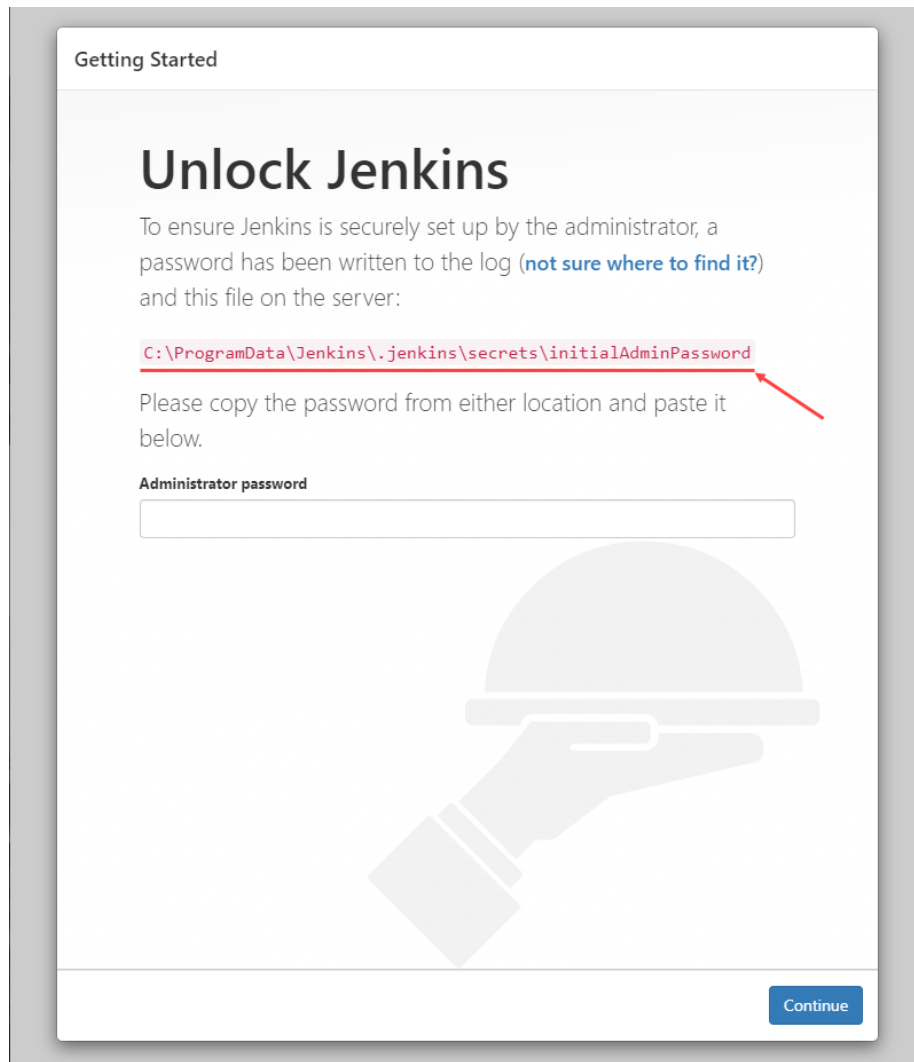
Unblock Jenkins

After completing the installation process, you have to unblock Jenkins before you can customize and start using it.

1. In your web browser, navigate to the port number you selected during the installation using the following address:

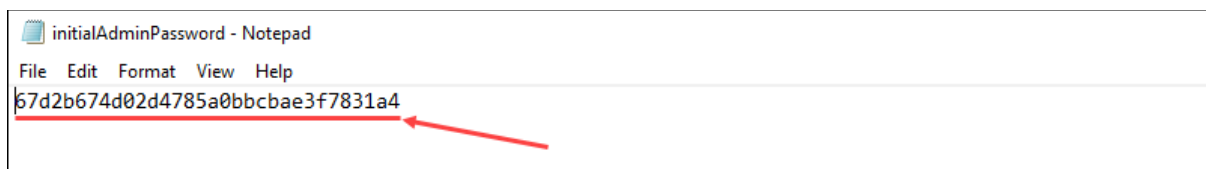
`http://localhost:[port number]`

2. Navigate to the location on your system specified by the Unblock Jenkins page.



Note: The Unblock Jenkins page may point to a hidden directory. In case you cannot find the directory, make sure you enable viewing hidden items.

3. Open the **initialAdminPassword** file using a text editor such as Notepad.
4. Copy the password from the **initialAdminPassword** file.



5. Paste the password in the **Administrator password** field on the Unblock Jenkins page and click **Continue** to proceed.

Getting Started

Unlock Jenkins

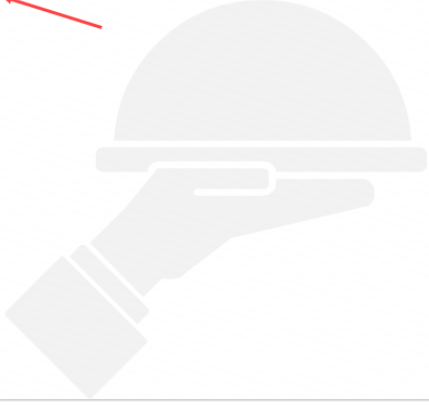
To ensure Jenkins is securely set up by the administrator, a password has been written to the log (not sure where to find it?) and this file on the server:

```
C:\ProgramData\Jenkins\.jenkins\secrets\initialAdminPassword
```

Please copy the password from either location and paste it below.

Administrator password

.....

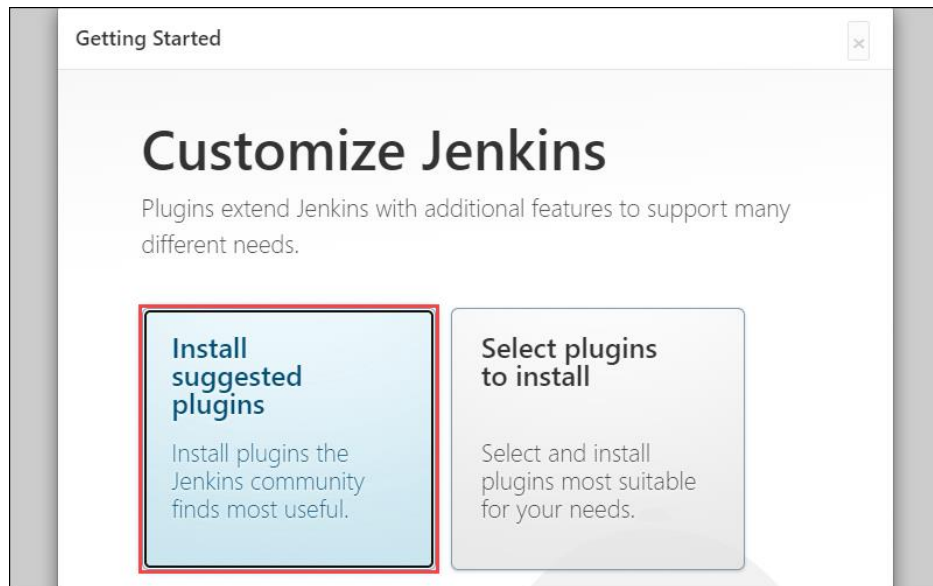


Continue

Customize Jenkins

Once you unlock Jenkins, customize and prepare the Jenkins environment.

1. Click the Install suggested plugins button to have Jenkins automatically install the most frequently used plugins.



Note: If you are an advanced user, clicking the Select plugins to install button allows you to choose which plugins to install.

2. After Jenkins finishes installing the plugins, enter the required information on the Create First Admin User page. Click Save and Continue to proceed.

A screenshot of the Jenkins 'Getting Started' window. The title is 'Create First Admin User'. Below it, there are five input fields: 'Username:', 'Password:', 'Confirm password:', 'Full name:', and 'E-mail address:'. All these fields are grouped within a red rectangular box. At the bottom of the window, there is a footer area with 'Jenkins 2.303.3' on the left, 'Skip and continue as admin' in the center, and a blue button labeled 'Save and Continue' on the right, which is also highlighted with a red box.

3. On the Instance Configuration page, confirm the port number you want Jenkins to use and click Save and Finish to finish the initial customization.

Getting Started

Instance Configuration

Jenkins URL:

The Jenkins URL is used to provide the root URL for absolute links to various Jenkins resources. That means this value is required for proper operation of many Jenkins features including email notifications, PR status updates, and the `BUILD_URL` environment variable provided to build steps.

The proposed default value shown is **not saved yet** and is generated from the current request, if possible. The best practice is to set this value to the URL that users are expected to use. This will avoid confusion when sharing or viewing links.

Jenkins 2.303.3

Not now

Save and Finish

4. Click the Start using Jenkins button to move to the Jenkins dashboard.

Getting Started

Jenkins is ready!

You have skipped the **setup of an admin user**.

To log in, use the username: "admin" and the administrator password you used to access the setup wizard.

Your Jenkins setup is complete.

Start using Jenkins

Welcome to Jenkins!

This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.

Start building your software project

[Create a job](#)

Set up a distributed build

[Set up an agent](#)[Configure a cloud](#)[Learn more about distributed builds](#)[REST API](#)

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