


# Jenkins Setup using war file

## Step1: Download Jenkins (.war file)

<https://www.jenkins.io/download/>



# Jenkins



**Build great things at any scale**

The leading open source automation server, Jenkins provides hundreds of plugins to support building, deploying and automating any project.

 We stand with the people of Ukraine. Please assist humanitarian efforts for the Ukrainian people and those affected by the military invasion of Ukraine by supporting international aid organizations, including the [Ukrainian Red Cross](#)

[Download](#) [Documentation](#)

Download Jenkins 2.440.3 LTS for:

	<b>Generic Java package (.war)</b>	
	SHA-256: f8d47dbfd59359551aead8388fa4ad7005eda7c47ce21c664c99610ca04ae367	



**Step2: Run below command in the windows command prompt (Don't close command prompt until your work is done)**

**java -jar Jenkins.war**

```
C:\Automation>java -jar jenkins.war
Running from: C:\Automation\jenkins.war
webroot: C:\Users\pavan\.jenkins\war
2024-05-09 05:46:10.829+0000 [id=1] INFO winstone.Logger#logInternal: Beginning extraction from war file
2024-05-09 05:46:11.668+0000 [id=1] WARNING o.e.j.s.handler.ContextHandler#setContextPath: Empty contextPath
2024-05-09 05:46:11.723+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: jetty-10.0.20; built: 2024-01-29T20:46:45.278Z; git: 3a745c71c23682146
0e; jvm 17.0.9a11-LTS-201
2024-05-09 05:46:11.951+0000 [id=1] INFO o.e.j.w.StandardDescriptorProcessor#visitServlet: NO JSP Support for /, did not find org.eclipse.jetty.jsp.Jetty
2024-05-09 05:46:11.998+0000 [id=1] INFO o.e.j.s.DefaultSessionIdManager#doStart: Session workerName=node0
2024-05-09 05:46:12.366+0000 [id=1] INFO hudson.WebAppMain#contextInitialized: Jenkins home directory: C:\Users\pavan\.jenkins found at: $user.home/.jen
2024-05-09 05:46:12.568+0000 [id=1] INFO o.e.j.s.handler.ContextHandler#doStart: Started w.@23202c31{Jenkins v2.440.3,/,file:///C:/Users/pavan/.jenkins/
ers\pavan\.jenkins\war}
2024-05-09 05:46:12.579+0000 [id=1] INFO o.e.j.server.AbstractConnector#doStart: Started ServerConnector@73302995{HTTP/1.1, (http/1.1)}{0.0.0.0:8080}
2024-05-09 05:46:12.590+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: Started Server@51fadaff{STARTING}[10.0.20,sto=0] @2035ms
2024-05-09 05:46:12.590+0000 [id=38] INFO winstone.Logger#logInternal: Winstone Servlet Engine running: controlPort=disabled
2024-05-09 05:46:12.723+0000 [id=46] INFO jenkins.InitReactorRunner$1#onAttained: Started initialization
2024-05-09 05:46:12.778+0000 [id=67] INFO jenkins.InitReactorRunner$1#onAttained: Listed all plugins
2024-05-09 05:46:13.285+0000 [id=75] INFO jenkins.InitReactorRunner$1#onAttained: Prepared all plugins
2024-05-09 05:46:13.285+0000 [id=75] INFO jenkins.InitReactorRunner$1#onAttained: Started all plugins
2024-05-09 05:46:13.299+0000 [id=51] INFO jenkins.InitReactorRunner$1#onAttained: Augmented all extensions
2024-05-09 05:46:13.457+0000 [id=63] INFO jenkins.InitReactorRunner$1#onAttained: System config loaded
2024-05-09 05:46:13.457+0000 [id=73] INFO jenkins.InitReactorRunner$1#onAttained: System config adapted
2024-05-09 05:46:13.457+0000 [id=73] INFO jenkins.InitReactorRunner$1#onAttained: Loaded all jobs
2024-05-09 05:46:13.457+0000 [id=73] INFO jenkins.InitReactorRunner$1#onAttained: Configuration for all jobs updated
2024-05-09 05:46:13.493+0000 [id=88] INFO hudson.util.Retrier#start: Attempt #1 to do the action check updates server
2024-05-09 05:46:13.792+0000 [id=60] INFO jenkins.install.SetupWizard#init:

*****
*****
*****
*****

Jenkins initial setup is required. An admin user has been created and a password generated.
Please use the following password to proceed to installation:

ab0f5e63a08e4e4fbf207328161dc677

This may also be found at: C:\Users\pavan\.jenkins\secrets\initialAdminPassword

*****
*****
*****
*****

2024-05-09 05:46:31.806+0000 [id=70] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization
2024-05-09 05:46:31.806+0000 [id=35] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running
2024-05-09 05:46:32.801+0000 [id=88] INFO h.m.DownloadService$Downloadable#load: Obtained the updated data file for hudson.tasks.Maven.MavenInstaller
2024-05-09 05:46:32.802+0000 [id=88] INFO hudson.util.Retrier#start: Performed the action check updates server successfully at the attempt #1
```

Copy admin password in the note pad (Later we use it).

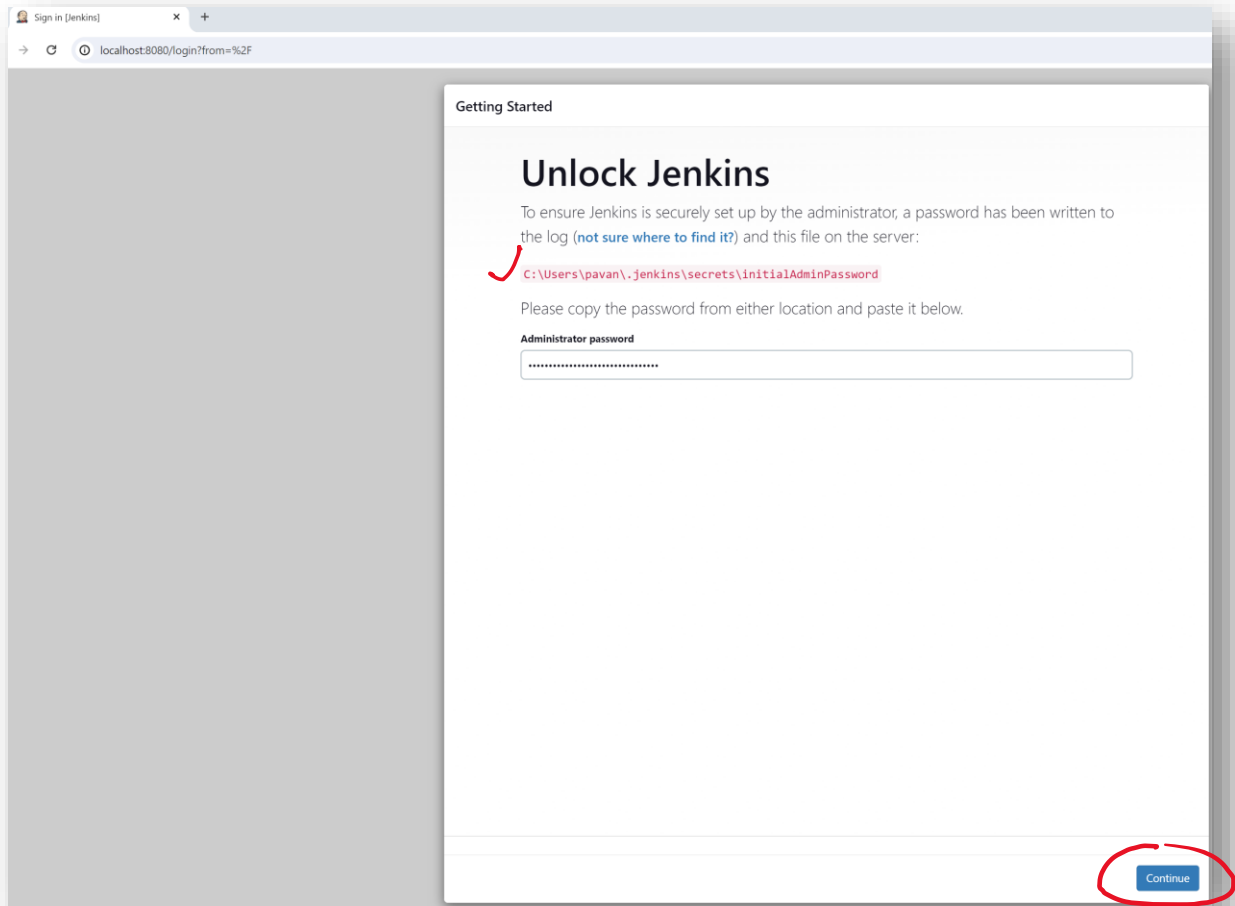
```
Jenkins initial setup is required. An admin user has been created and a password generated.
Please use the following password to proceed to installation:

ab0f5e63a08e4e4fbf207328161dc677

This may also be found at: C:\Users\pavan\.jenkins\secrets\initialAdminPassword

*****
*****
*****
*****

2024-05-09 05:46:31.806+0000 [id=70] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization
2024-05-09 05:46:31.840+0000 [id=35] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running
```



# Customize Jenkins

Plugins extend Jenkins with additional features to support many different needs.

## Install suggested plugins



Install plugins the Jenkins community finds most useful.

## Select plugins to install

Select and install plugins most suitable for your needs.

# Getting Started



<input checked="" type="checkbox"/> Folders	<input type="checkbox"/> OWASP Markup Formatter	<input type="checkbox"/> Build Timeout	<input type="checkbox"/> Credentials Binding	** Ionicons API Folders
<input type="checkbox"/> Timestamper	<input type="checkbox"/> Workspace Cleanup	<input type="checkbox"/> Ant	<input type="checkbox"/> Gradle	
<input type="checkbox"/> Pipeline	<input type="checkbox"/> GitHub Branch Source	<input type="checkbox"/> Pipeline: GitHub Groovy Libraries	<input type="checkbox"/> Pipeline: Stage View	
<input type="checkbox"/> Git	<input type="checkbox"/> SSH Build Agents	<input type="checkbox"/> Matrix Authorization Strategy	<input type="checkbox"/> PAM Authentication	
<input type="checkbox"/> LDAP	<input type="checkbox"/> Email Extension	<input type="checkbox"/> Mailer	<input type="checkbox"/> Dark Theme	

# Create First Admin User

Username

Password

Confirm password

Full name

E-mail address

# Instance Configuration

Jenkins URL:

http://localhost:8080/

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.

## Getting Started

# Jenkins is ready!

Your Jenkins setup is complete.

Start using Jenkins

Here you can see Jenkins dashboard.

