

Jenkins Installation

- <https://www.jenkins.io/>
- https://hub.docker.com/_/jenkins

Cammands for installation

- `wget https://get.jenkins.io/war-stable/`
- `java -jar jenkins.war`

```
bilal@bilal-virtual-machine:~$ wget --no-check-certificate https://get.jenkins.io/war-stable/latest/jenkins.war -O jenkins.war
--2024-02-02 04:57:33-- https://get.jenkins.io/war-stable/latest/jenkins.war
Resolving get.jenkins.io (get.jenkins.io)... 20.7.178.24, 2603:1030:408:5::15a
Connecting to get.jenkins.io (get.jenkins.io)|20.7.178.24|:443... connected.
WARNING: cannot verify get.jenkins.io's certificate, issued by 'CN=Kaspersky Anti-Virus Personal Root Certificate,O=A0 Kaspersky Lab':
  Self-signed certificate encountered.
HTTP request sent, awaiting response... 302 Found
Location: https://archives.jenkins.io/war-stable/latest/jenkins.war [following]
--2024-02-02 04:57:34-- https://archives.jenkins.io/war-stable/latest/jenkins.war
Resolving archives.jenkins.io (archives.jenkins.io)... 46.101.121.132, 2a03:b0c0:3:d0::9bc:d001
Connecting to archives.jenkins.io (archives.jenkins.io)|46.101.121.132|:443... connected.
WARNING: cannot verify archives.jenkins.io's certificate, issued by 'CN=Kaspersky Anti-Virus Personal Root Certificate,O=A0 Kaspersky Lab':
  Self-signed certificate encountered.
HTTP request sent, awaiting response... 200 OK
Length: 89542726 (85M)
Saving to: 'jenkins.war'

jenkins.war          2%[>
```

Jenkins Installation

```
done.
bilal@bilal-virtual-machine:~$ java -jar jenkins.war
Running from: /home/bilal/jenkins.war
webroot: /home/bilal/.jenkins/war
2024-02-02 10:36:12.057+0000 [id=1] INFO winstone.Logger#logInternal: Beginning extraction from war file
2024-02-02 10:36:13.405+0000 [id=1] WARNING o.e.j.s.handler.ContextHandler#setContextPath: Empty contextPath
2024-02-02 10:36:13.491+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: jetty-10.0.18; built: 2023-
; jvm 11.0.21+9-post-Ubuntu-0ubuntu122.04
2024-02-02 10:36:13.969+0000 [id=1] INFO o.e.j.w.StandardDescriptorProcessor#visitServlet: NO JSP Support for
2024-02-02 10:36:14.064+0000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: Session workerName=node0
2024-02-02 10:36:15.132+0000 [id=1] INFO hudson.WebAppMain#contextInitialized: Jenkins home directory: /home/
2024-02-02 10:36:15.507+0000 [id=1] INFO o.e.j.s.handler.ContextHandler#doStart: Started w.@348d18a3{Jenkins
/.jenkins/war}
2024-02-02 10:36:15.547+0000 [id=1] INFO o.e.j.server.AbstractConnector#doStart: Started ServerConnector@1ef6
```

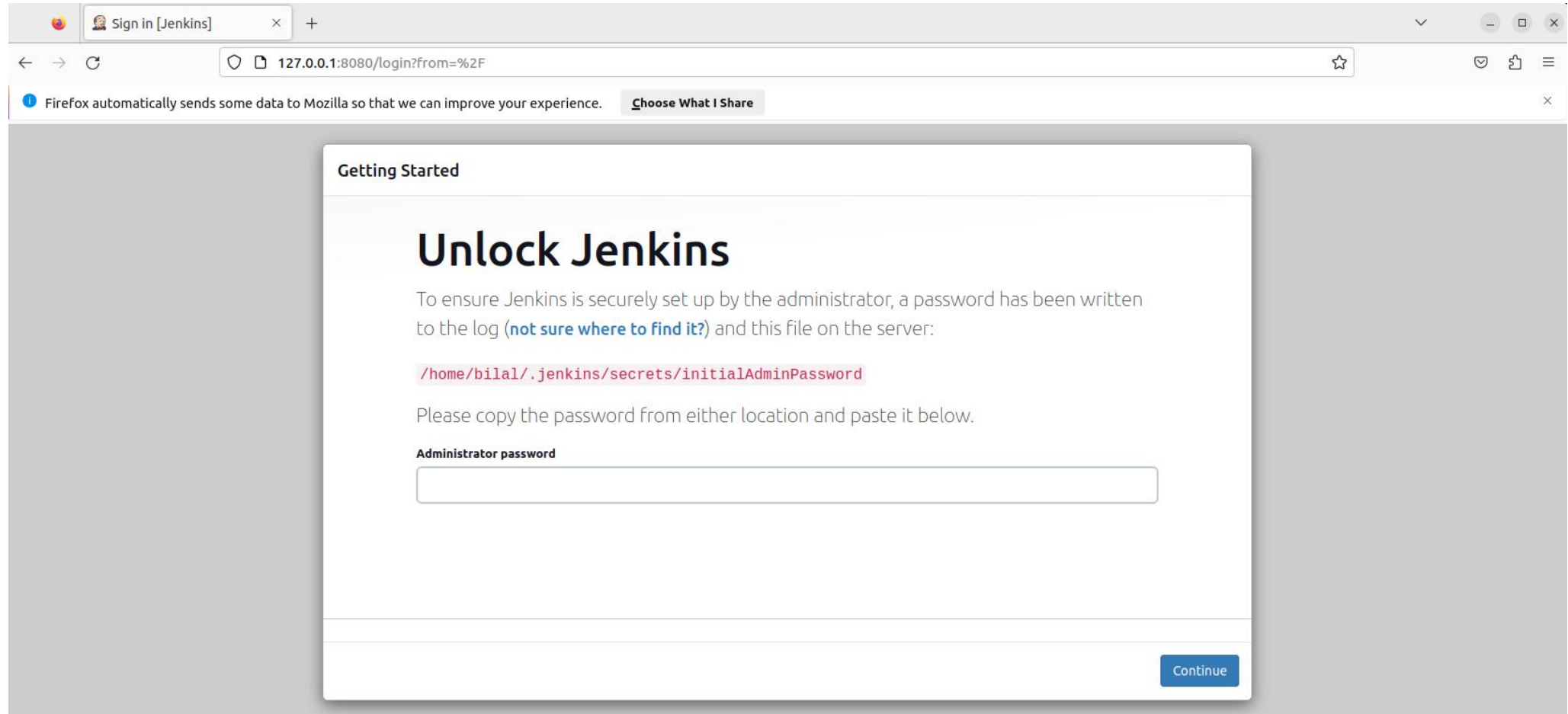
```
*****
Jenkins initial setup is required. An admin user has been created and a password generated.
Please use the following password to proceed to installation:
```

```
ad48a2d8335f460ca981a11fb0155a7b
```

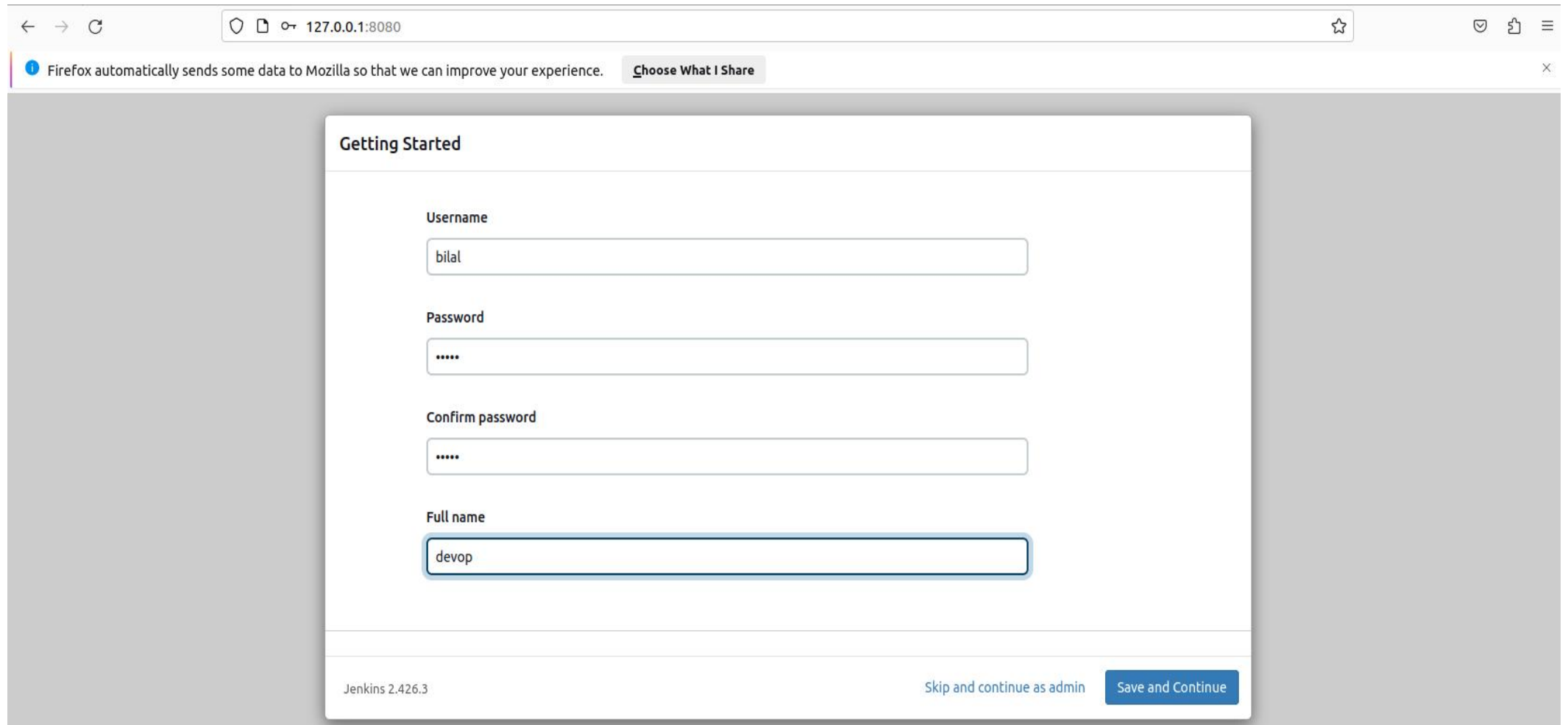
```
This may also be found at: /home/bilal/.jenkins/secrets/initialAdminPassword
```

```
*****
```

Jenkins Installation



Jenkins Installation



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8080'. A Firefox notification bar is visible at the top, stating 'Firefox automatically sends some data to Mozilla so that we can improve your experience.' with a 'Choose What I Share' button. The main content area is a 'Getting Started' dialog box for Jenkins 2.426.3. It contains four input fields: 'Username' with the value 'bilal', 'Password' with masked characters '*****', 'Confirm password' with masked characters '*****', and 'Full name' with the value 'devop'. At the bottom of the dialog, there is a link 'Skip and continue as admin' and a blue button labeled 'Save and Continue'.

Getting Started

Username
bilal

Password

Confirm password

Full name
devop

Jenkins 2.426.3

[Skip and continue as admin](#) [Save and Continue](#)

Jenkins Installation

The screenshot displays the Jenkins web interface in a browser. The address bar shows the URL `127.0.0.1:8080`. A Firefox notification bar is visible at the top. The Jenkins header includes the logo, a search bar, and user information for 'devop' with a 'log out' button. The left sidebar contains navigation links: 'New Item', 'People', 'Build History', 'Manage Jenkins', and 'My Views'. The main content area features a 'Welcome to Jenkins!' message, a 'Start building your software project' section with a 'Create a job' button, and a 'Set up a distributed build' section with buttons for 'Set up an agent', 'Configure a cloud', and 'Learn more about distributed builds'. The 'Build Queue' section on the left indicates 'No builds in the queue.' and the 'Build Executor Status' section shows two idle executors.

Firefox automatically sends some data to Mozilla so that we can improve your experience. [Choose What I Share](#)

Jenkins Search (CTRL+K) ? 1 1 devop log out

Dashboard >

+ New Item Add description

People

Build History

Manage Jenkins

My Views

Build Queue ▾

No builds in the queue.

Build Executor Status ▾

1 Idle

2 Idle

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 ?