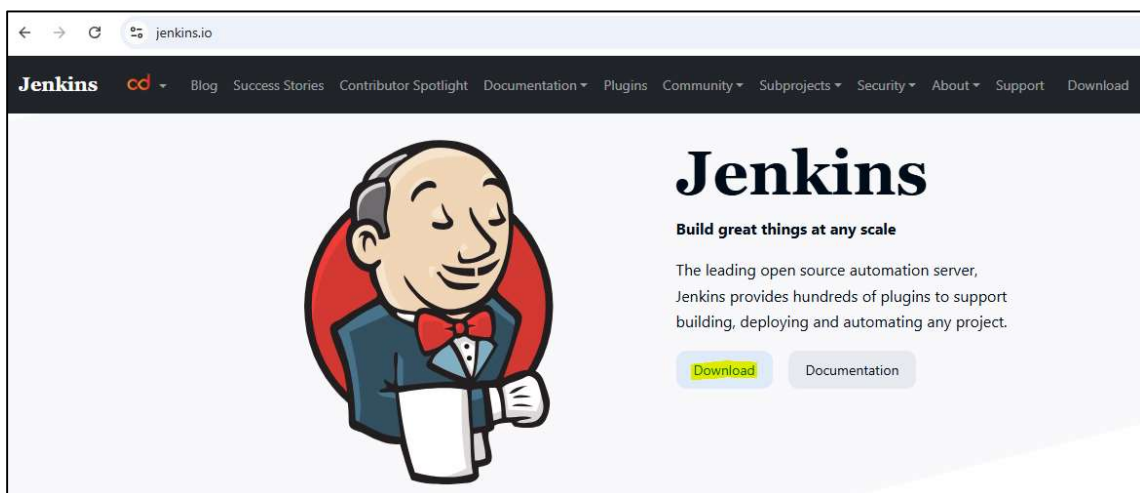


INSTALACIÓN Y CONFIGURACIÓN DE JENKINS

INSTALACIÓN DE JENKINS

<https://youtu.be/3OY3A6XE6Us>

1. Descargar la última versión de Jenkins desde la página oficial:
<https://www.jenkins.io/>. Hay que descargarse la última versión estable.



The Jenkins project produces two release lines: Stable (LTS) and weekly. Depending on your organization's needs, one may be preferred over the other. See the links below for recommendations about the release lines.

Long-Term Support (LTS) release baselines are chosen every 12 weeks from the stream of regular releases. Every 4 weeks we release stable releases which include bug and security fix backports. [Learn more.](#)

Changelog

Upgrade Guide

Past Releases

This release line delivers bug fixes and new features rapidly to users who need them. It is generally delivered on a weekly cadence. [Learn more](#)

[Changelog](#)

Past Releases

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.](#)

Generic Java package (.war)

Docker

Kubernetes

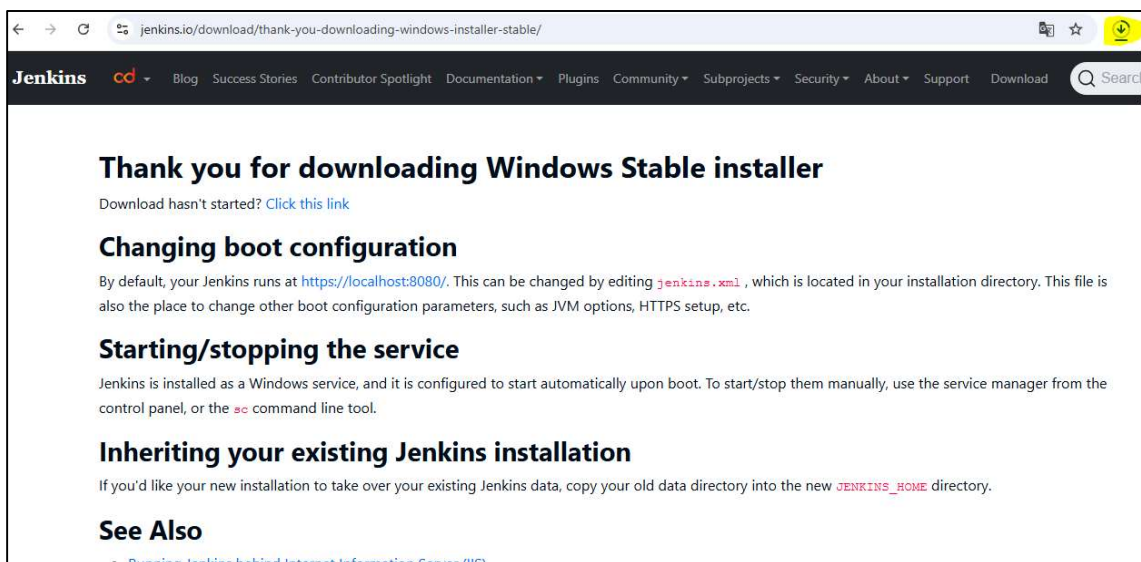
Ubuntu/Debian

Red Hat Enterprise Linux and derivatives

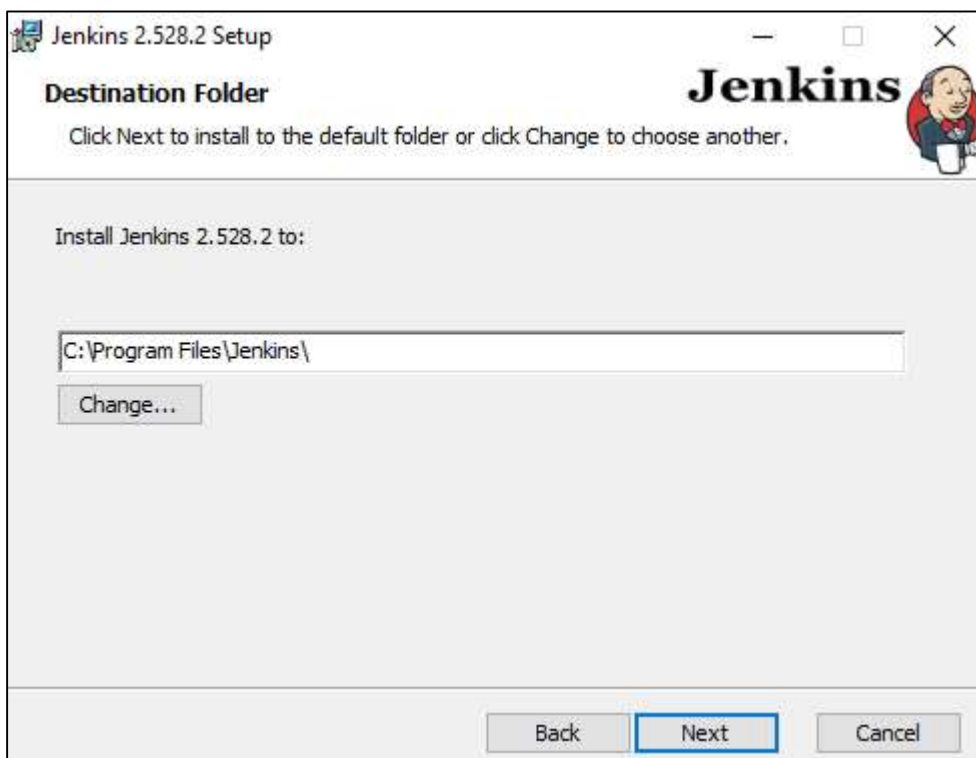
Fedora

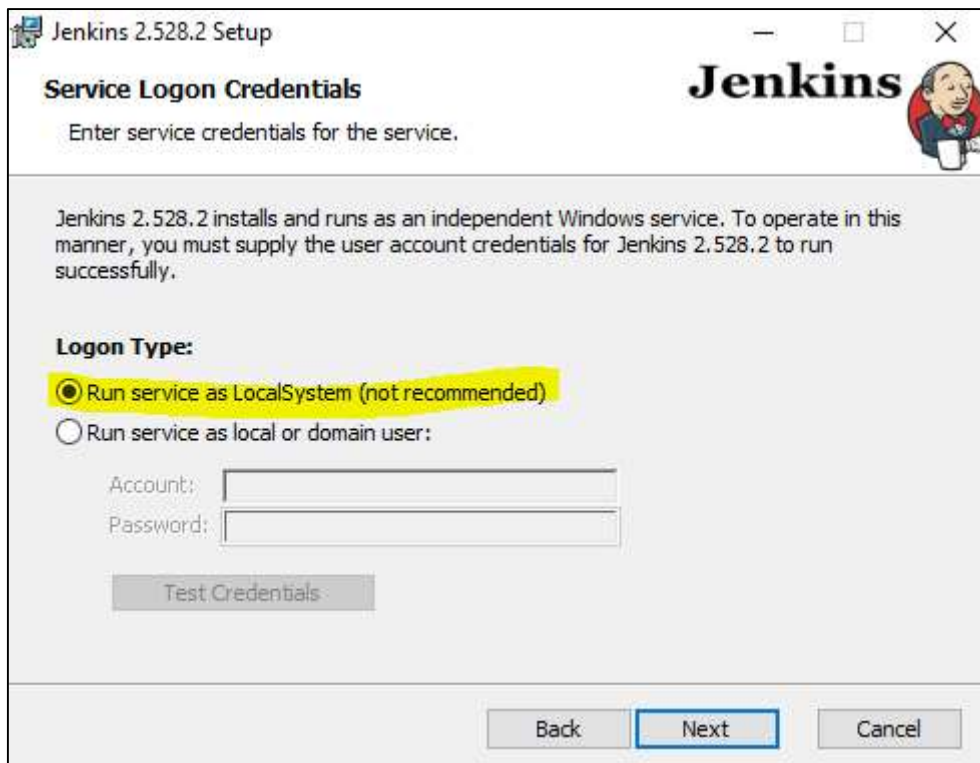
Windows

- Generic Java package (.war)
- Docker
- Ubuntu/Debian
- Red Hat Enterprise Linux and derivatives
- Fedora
- Windows
- openSUSE



2. Ejecutar el instalable y realizar una instalación como servicio local:





Jenkins 2.528.2 Setup

Service Logon Credentials

Enter service credentials for the service.

Jenkins 2.528.2 installs and runs as an independent Windows service. To operate in this manner, you must supply the user account credentials for Jenkins 2.528.2 to run successfully.

Logon Type:

☒ Run service as LocalSystem (not recommended)

☐ Run service as local or domain user:

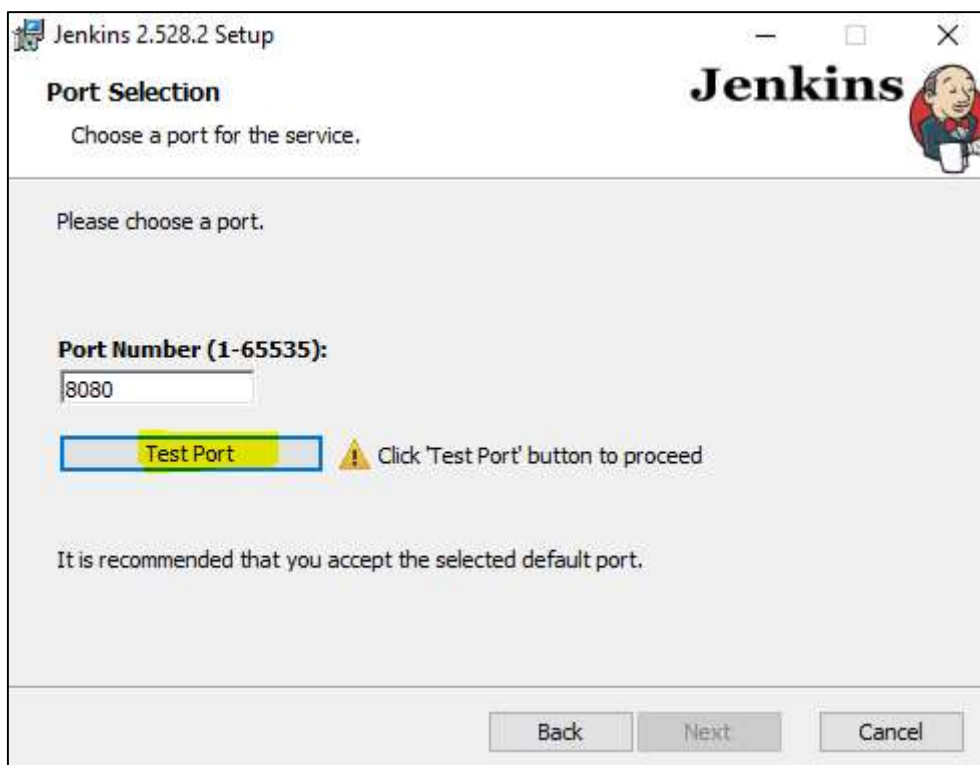
Account:

Password:

Test Credentials

Back Next Cancel

- Por defecto, utilizará el puerto 8080 y hay que testearlo. Si lo tenemos ocupado o lo queremos cambiar, esta es una buena ocasión.



Jenkins 2.528.2 Setup

Port Selection

Choose a port for the service.

Please choose a port.

Port Number (1-65535):

8080

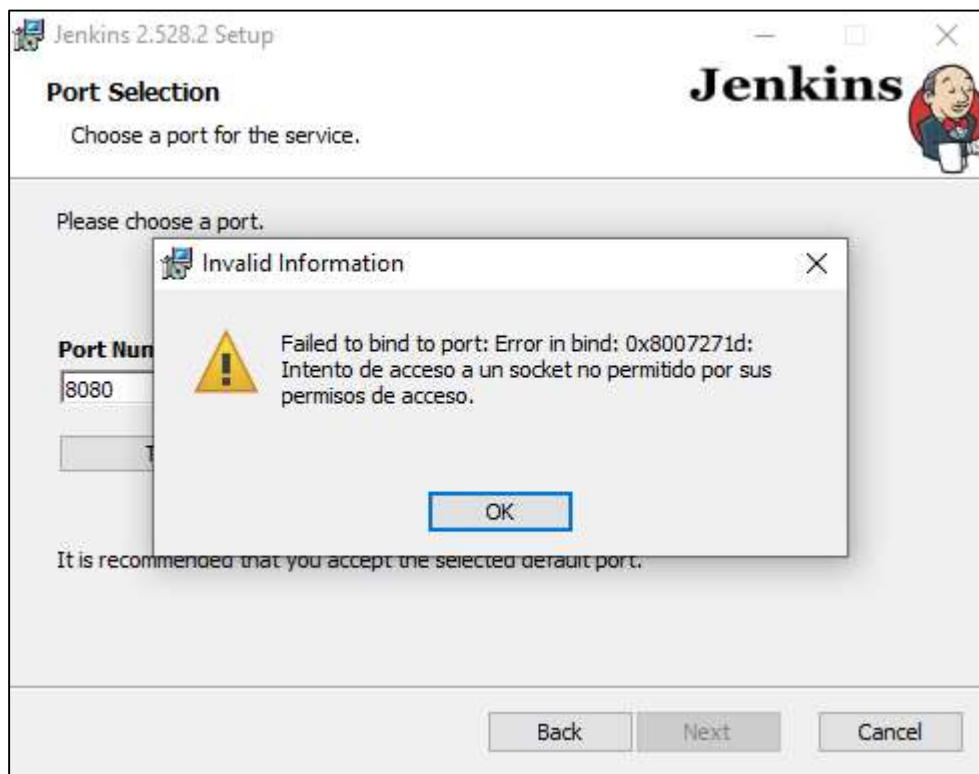
Test Port

⚠ Click 'Test Port' button to proceed

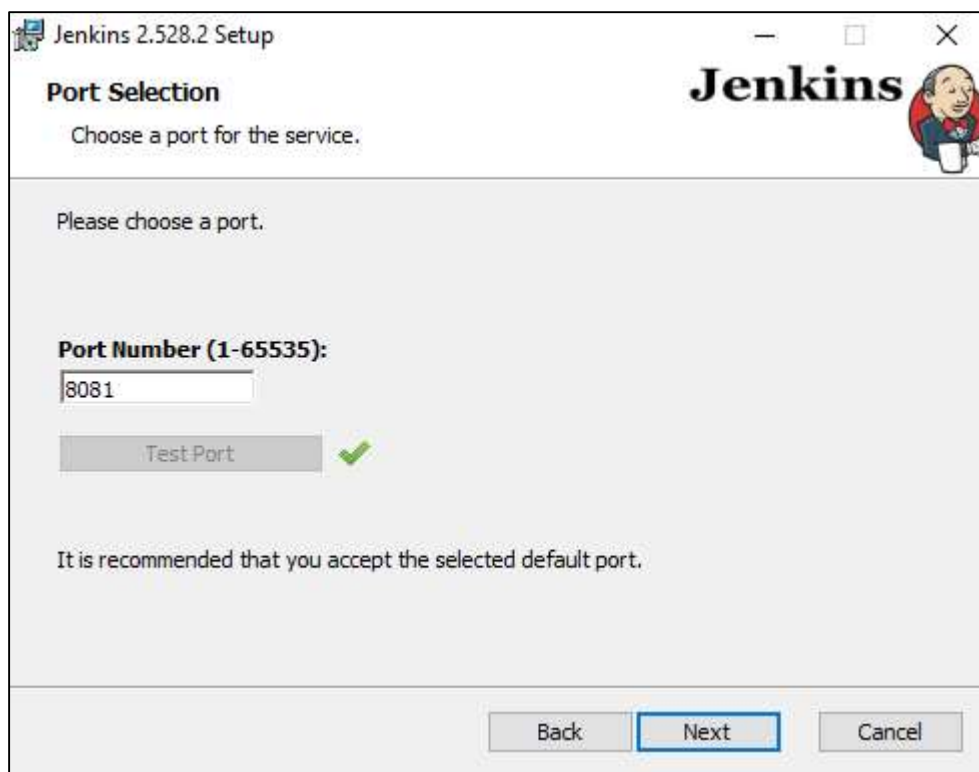
It is recommended that you accept the selected default port.

Back Next Cancel

- Si el puerto está ocupado, al testearlo se muestra lo siguiente:



- Si el puerto está libre, al testearlo se muestra lo siguiente:



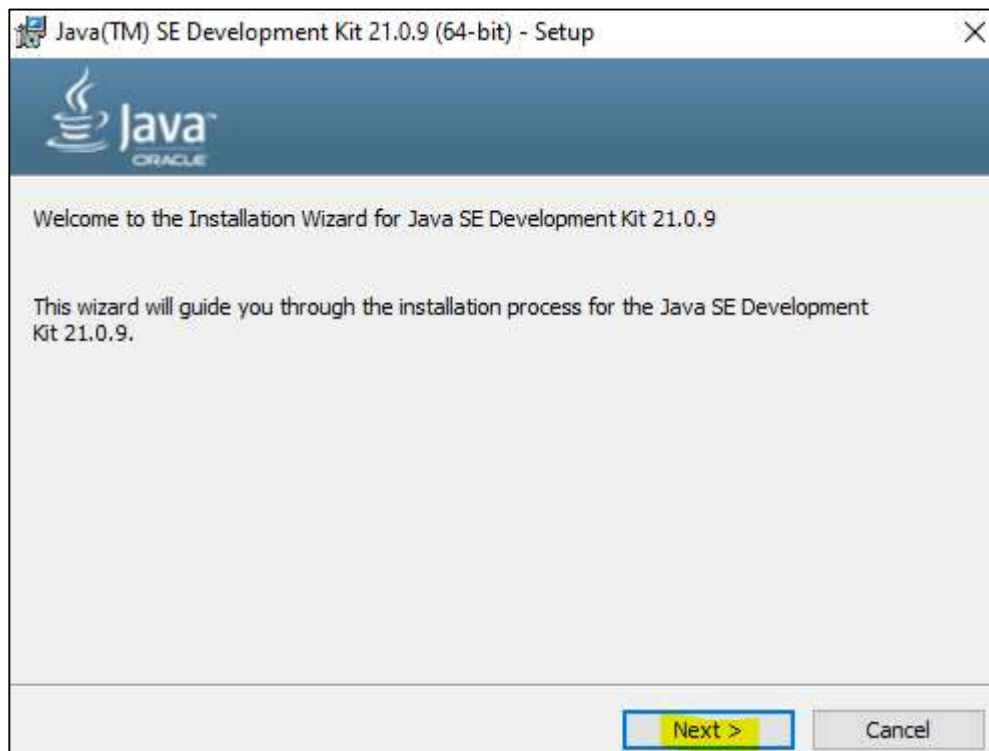
- Jenkins necesita una versión de **JDK 17 o 21**, así que en este momento debemos **instalar** una de esas versiones. Nosotros instalaremos la 21 desde la página oficial de Oracle -

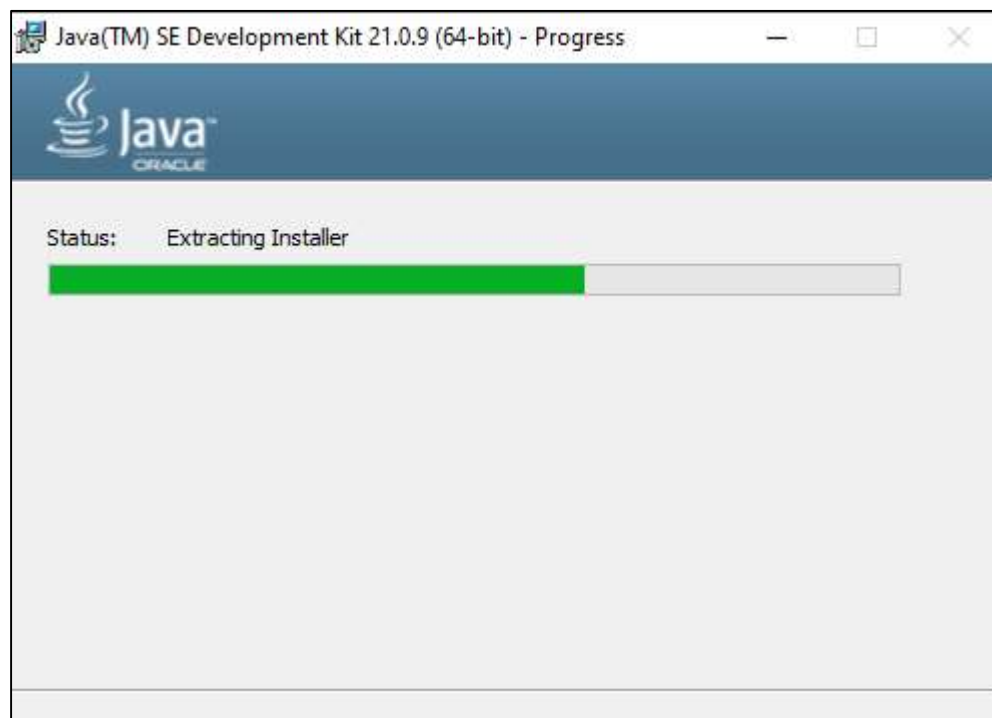
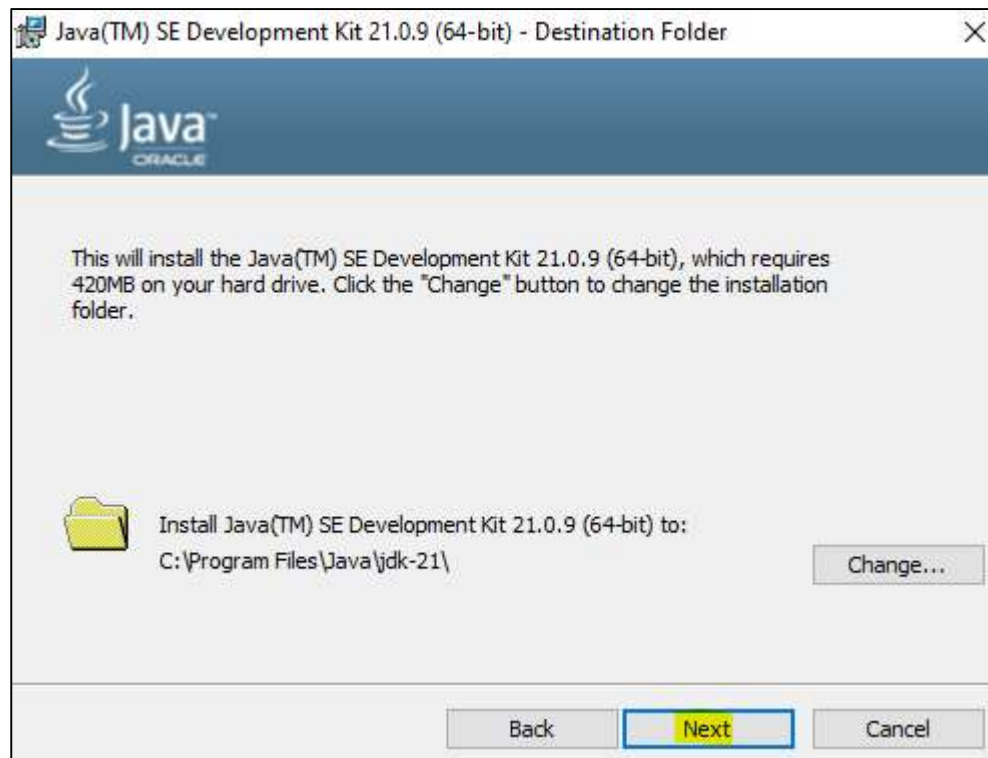
<https://www.oracle.com/es/java/technologies/downloads/>.

The screenshot shows the Oracle Java Downloads page for JDK 21 on Windows. The page includes a navigation bar with 'ORACLE' and various links like 'Productos', 'Sectores', 'Recursos', etc. Below the navigation bar, there's a section for 'JDK 21' with a 'Learn about Java SE Subscription' button. The main content area is titled 'Java SE Development Kit 21.0.9 downloads' and contains information about the JDK 21 binaries, including their availability under the Oracle No-Fee Terms and Conditions (NFTC) and the Java SE OTN License. A table lists the download options for Windows:

Product/file description	File size	Download
x64 Compressed Archive	186.13 MB	https://download.oracle.com/java/21/latest/jdk-21_windows-x64_bin.zip (sha256)
x64 Installer	164.45 MB	https://download.oracle.com/java/21/latest/jdk-21_windows-x64_bin.exe (sha256)
x64 MSI Installer	163.20 MB	https://download.oracle.com/java/21/latest/jdk-21_windows-x64_bin.msi (sha256)

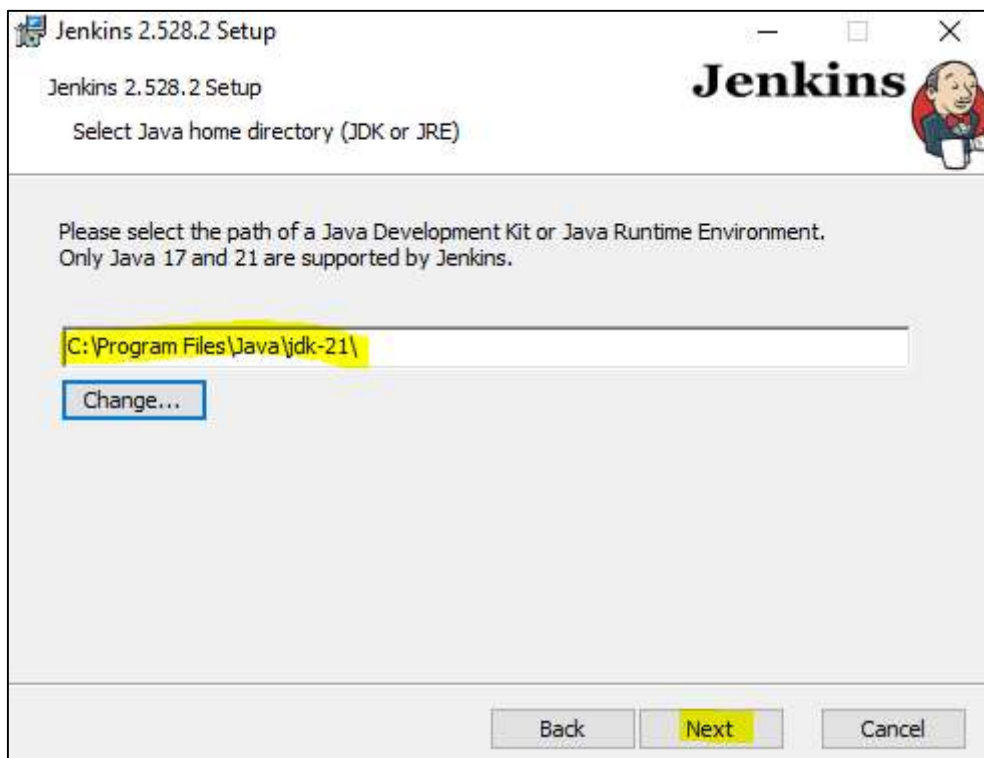
Ejecutar el instalable y realizar los siguientes pasos:

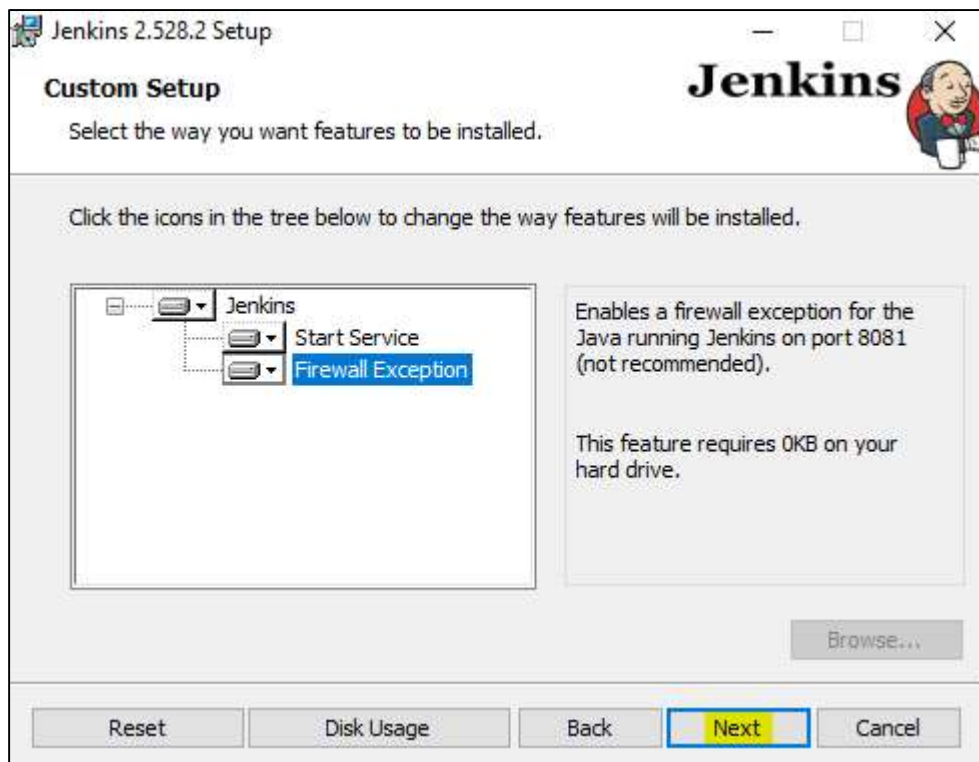
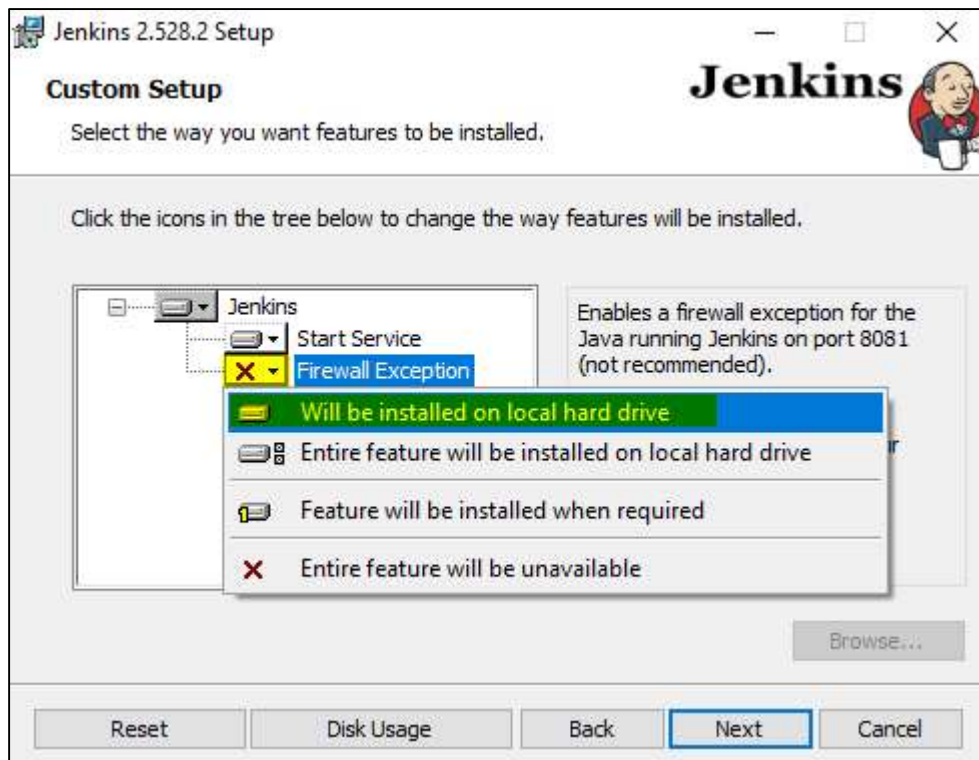


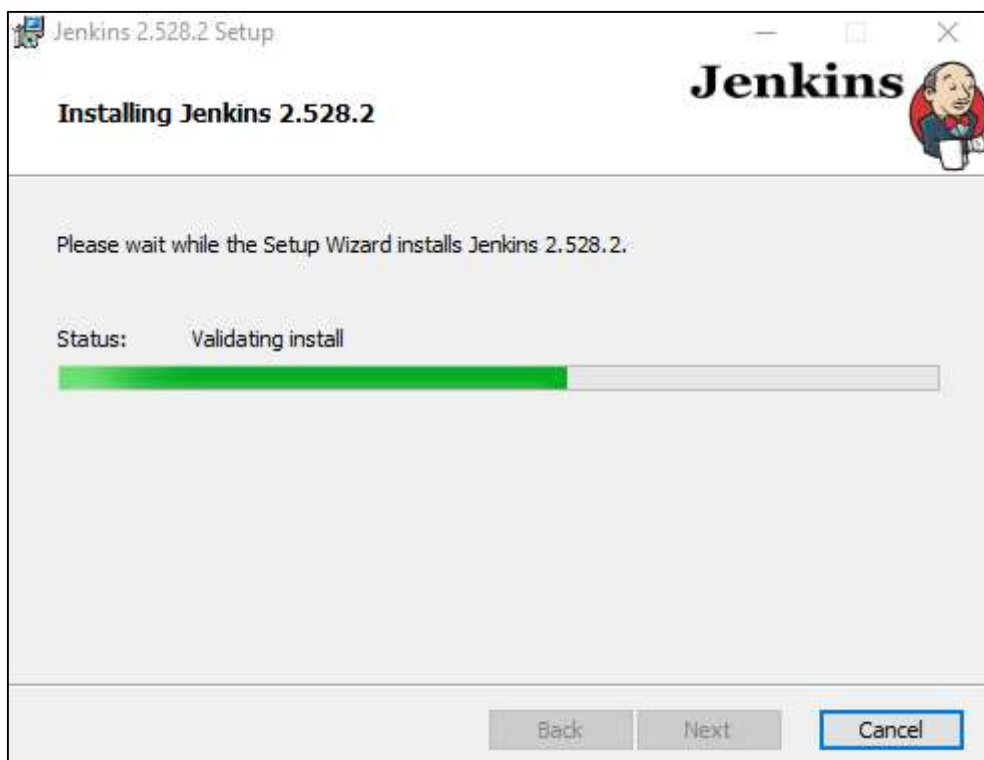
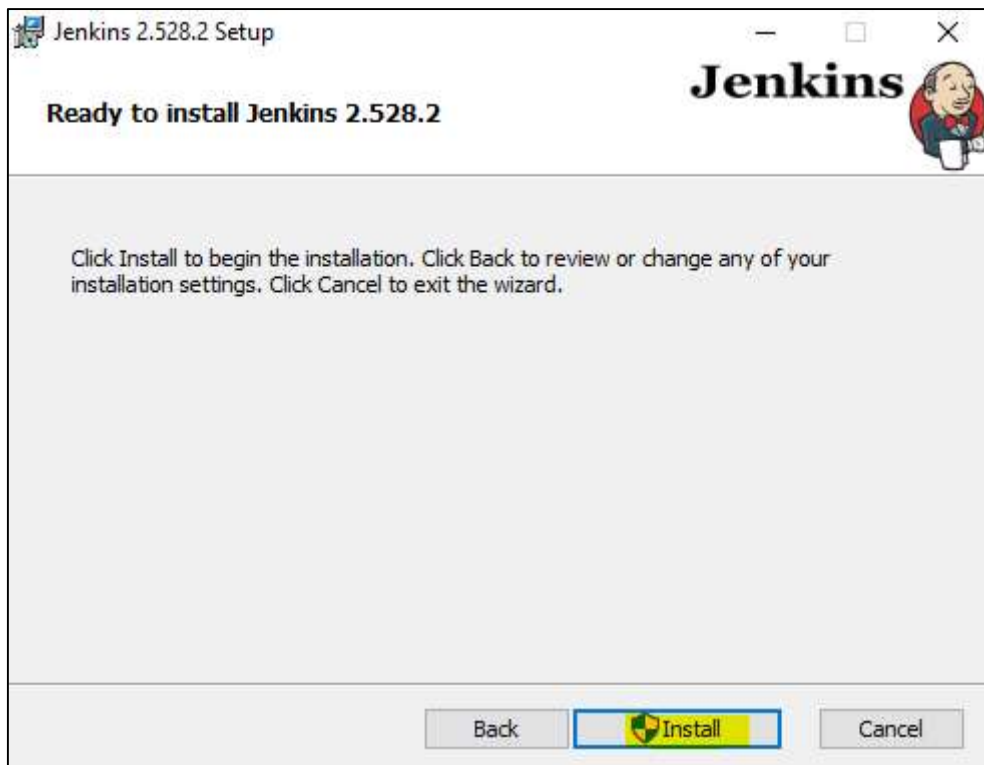


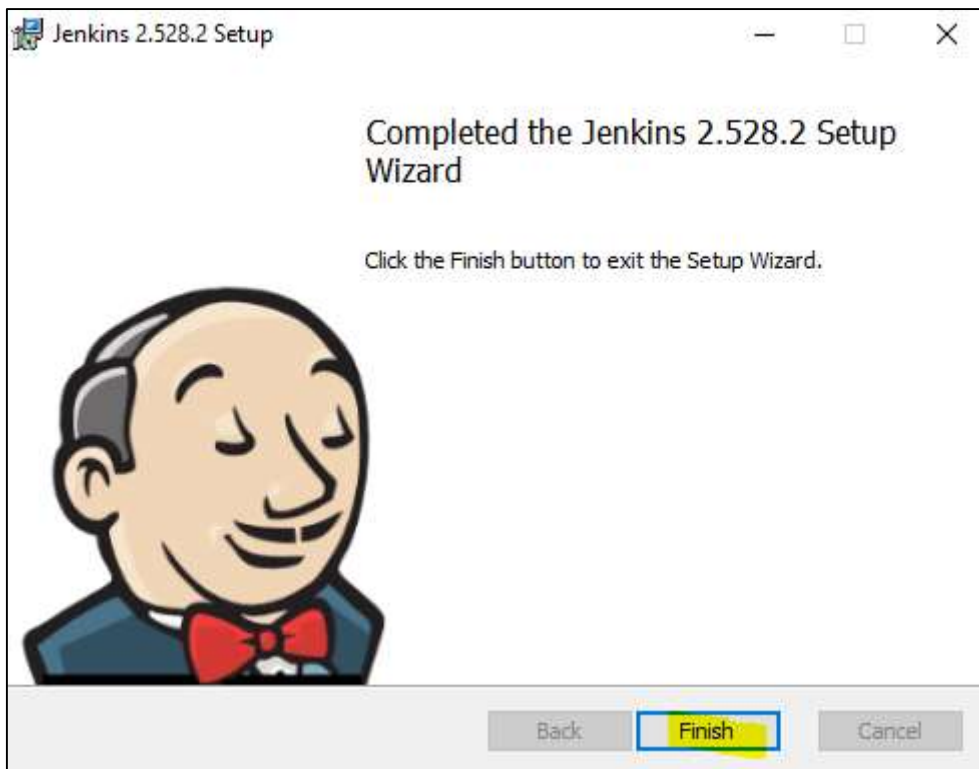


- Continuamos con la instalación de Jenkins:







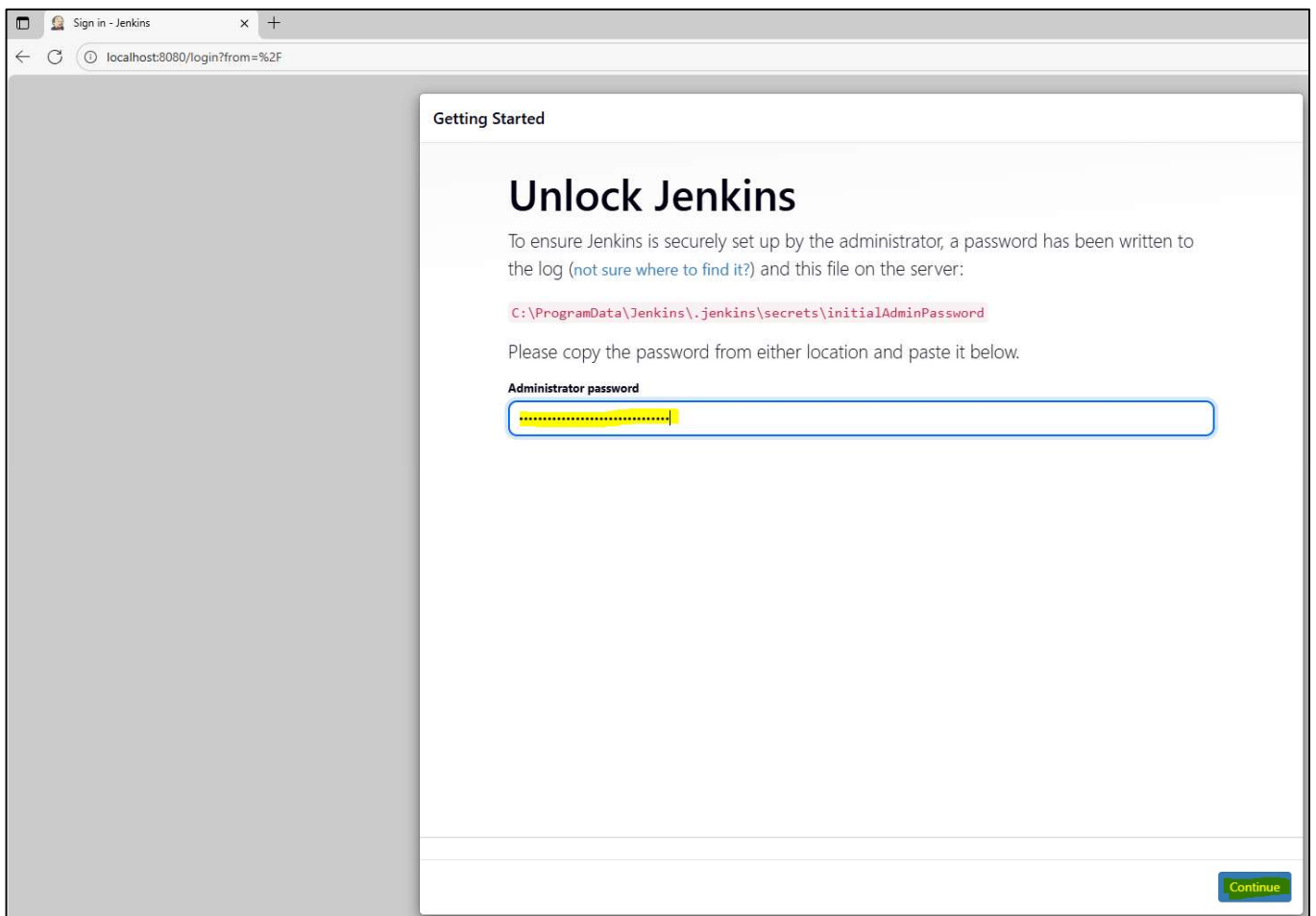
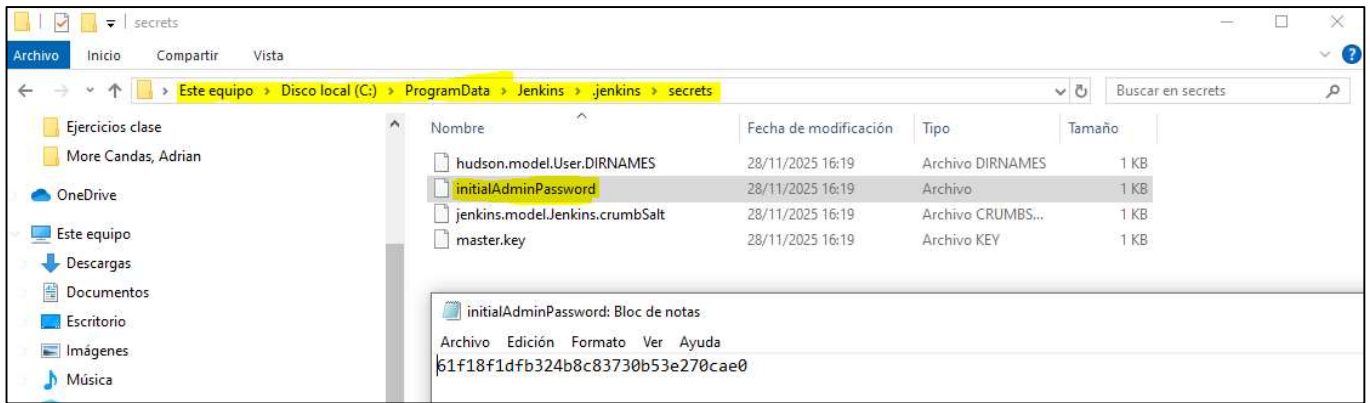


CONFIGURACIÓN INICIAL DE JENKINS

1. En el navegador escribimos la dirección de acceso a jenkins: <http://localhost:8080>



2. En el explorador de archivos accedemos a la ruta indicada (**C:\ProgramData\Jenkins\.jenkins\secrets**) y abrimos el archivo **initialAdminPassword**, copiamos la contraseña y la pegamos en el lugar indicado:



Getting Started

Bienvenido a 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

Getting Started

<input checked="" type="checkbox"/> Folders	<input checked="" type="checkbox"/> OWASP Markup Formatter	<input type="checkbox"/> Build Timeout	<input type="checkbox"/> Credentials Binding	<div>** commons-lang3 v3.x Jenkins API</div> <div>** Ionicons API</div> <div>Folders</div> <div>OWASP Markup Formatter</div> <div>** ASM API</div> <div>** JSON Path API</div> <div>** Struts</div> <div>** Pipeline: Step API</div> <div>** commons-text API</div>
<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 Graph View	
<input type="checkbox"/> Git	<input type="checkbox"/> SSH Build Agents	<input type="checkbox"/> Matrix Authorization Strategy	<input type="checkbox"/> LDAP	
<input type="checkbox"/> Email Extension	<input type="checkbox"/> Mailer	<input type="checkbox"/> Dark Theme		
				** - required dependency

Jenkins 2.528.2

3. Creamos la cuenta del usuario administrador para poder acceder a Jenkins:

Getting Started

Create First Admin User

Usuario

patriciasfo

Contraseña

.....

Confirma la contraseña

.....

Nombre completo

Patricia

Dirección de email

patriciasfo@educastur.org

Jenkins 2.528.2

[Skip and continue as admin](#)

[Save and Continue](#)

Instance Configuration

Jenkins URL:

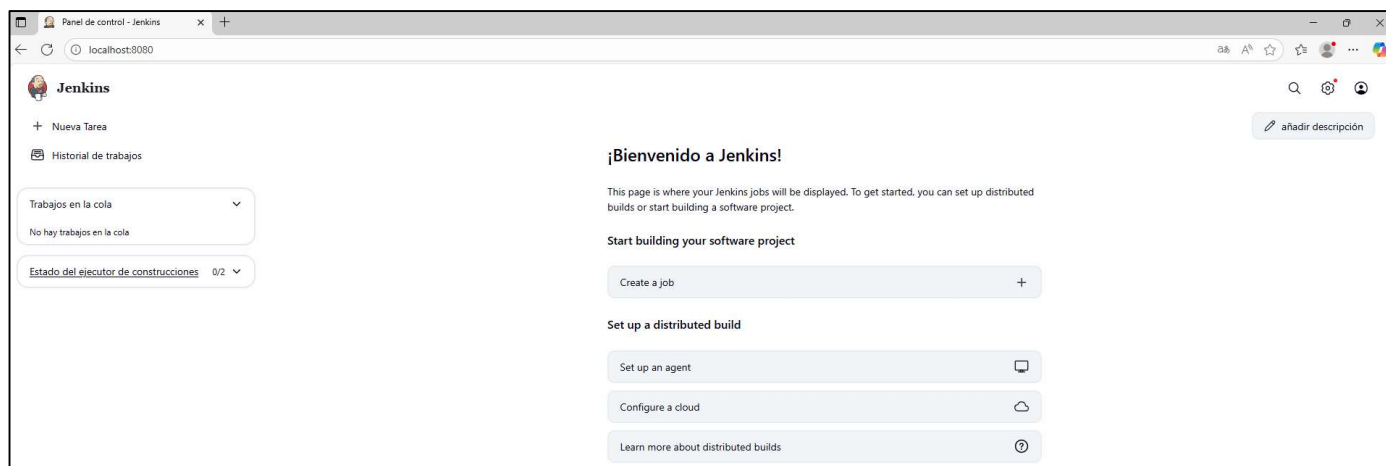
The Jenkins URL is used to provide the root URL for absolute links to various Jenkins resources. That means this value is required for proper operation of many Jenkins features including email notifications, PR status updates, and the BUILD_URL environment variable provided to build steps.

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 is ready!

Your Jenkins setup is complete.

[Start using Jenkins](#)



4. El resto de las veces, cuando accedamos a Jenkins con <http://localhost:8080/> nos pedirá el login y deberemos introducir el usuario y contraseña indicados durante la configuración inicial.

