

Desarrollo Web

Acta



Fase 1

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Pontificia Universidad Javeriana

Carlos Eduardo Rojas Martínez
Alejandro Caicedo Caicedo
Juan Andrés Rodríguez Rubio
Carlos David Mercado Gallego
Juan Sebastián Forero Moreno

1. Se da el inicio de la clase realizando la verificación de cronograma de cada grupo, y realizando las correspondientes verificaciones de los Daily's. Verificamos las actividades que están pendientes para realizarse.

Project description	Inicio->Fin	Fecha Limite	+ ...
Creacion del repositorio en el cual se va a realizar el aplicativo web de Arrienda tu Finca	24 de febrero de 2025 → 24 de febrero de 2025	20 de marzo de 2025	
Documento de presentacion de equipo	24 de febrero de 2025 → 25 de febrero de 2025	20 de marzo de 2025	
Creación de un usuario para que el cliente pueda interactuar con la aplicación		4 de marzo de 2025	
Asignación y confirmación de la creación del usuario		4 de marzo de 2025	
Framework para permitirle al usuario iniciar sesión con su nombre de usuario y contraseña		4 de marzo de 2025	

2. Se realiza la instalación de SQL dentro de las máquinas virtuales.

```

estudiante@MGE213:~$ sudo wget -O /usr/share/keyrings/jenkins-keyring.asc \
https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key
echo "deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc]" \
https://pkg.jenkins.io/debian-stable binary/ | sudo tee \
/etc/apt/sources.list.d/jenkins.list > /dev/null
sudo apt-get update
sudo apt-get install jenkins
--2025-03-04 17:02:53-- https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key
Resolving pkg.jenkins.io (pkg.jenkins.io)... 151.101.130.133, 151.101.66.133, 151.101.2.133, ...
Connecting to pkg.jenkins.io (pkg.jenkins.io)|151.101.130.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 3175 (3.1K) [application/pgp-keys]
Saving to: '/usr/share/keyrings/jenkins-keyring.asc'

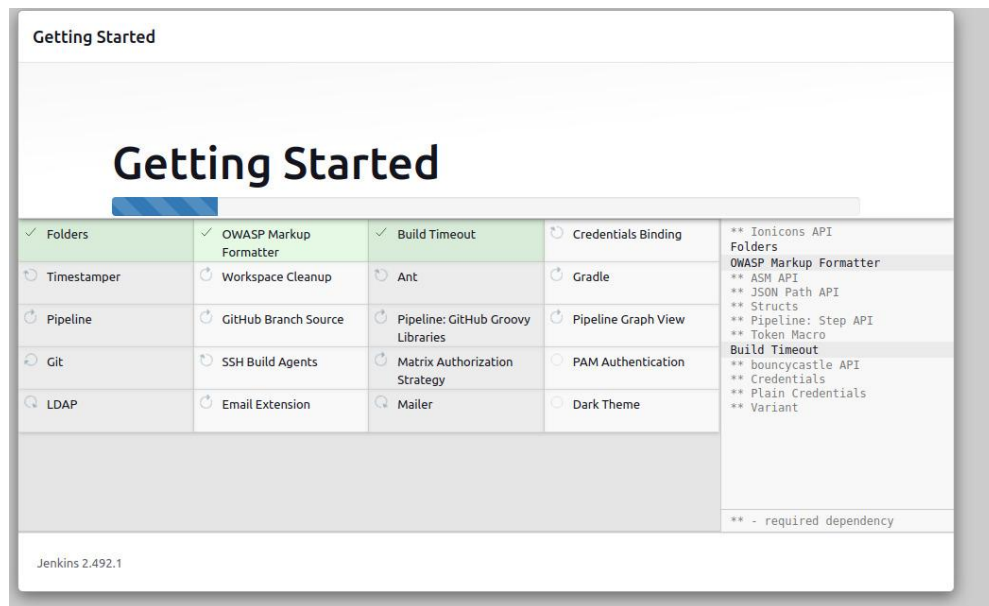
/usr/share/keyrings 100%[=====] 3.10K ---KB/s in 0s

2025-03-04 17:02:53 (27.1 MB/s) - '/usr/share/keyrings/jenkins-keyring.asc' saved [3175/3175]

Hit:1 http://co.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://co.archive.ubuntu.com/ubuntu jammy-updates InRelease [128 kB]
Get:3 http://co.archive.ubuntu.com/ubuntu jammy-backports InRelease [127 kB]
Get:4 http://co.archive.ubuntu.com/ubuntu jammy-updates/main amd64 DEP-11 Metadata [103 kB]
Get:5 http://co.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 DEP-11 Metadata [212 B]
Get:6 http://co.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 DEP-11 Metadata [359 kB]
Get:7 http://co.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 DEP-11 Metadata [940 B]
Get:8 http://security.ubuntu.com/ubuntu jammy-security InRelease [129 kB]
Ign:9 https://pkg.jenkins.io/debian-stable binary/ InRelease
Get:10 http://co.archive.ubuntu.com/ubuntu jammy-backports/main amd64 DEP-11 Metadata [7.048 B]
Get:11 https://pkg.jenkins.io/debian-stable binary/ Release [2.044 B]
Get:12 http://co.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 DEP-11 Metadata [212 B]
Get:13 http://co.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 DEP-11 Metadata [17.7 kB]
Get:14 http://co.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 DEP-11 Metadata [212 B]
Get:15 https://pkg.jenkins.io/debian-stable binary/ Packages [28.5 kB]
Get:16 http://security.ubuntu.com/ubuntu jammy-security/main amd64 DEP-11 Metadata [43.1 kB]
Get:17 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 DEP-11 Metadata [208 B]
Get:18 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 DEP-11 Metadata [125 kB]
Get:19 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 DEP-11 Metadata [208 B]
Fetched 1.073 kB in 2s (645 kB/s)
Reading package lists... Done
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  net-tools
The following NEW packages will be installed:
  jenkins net-tools
0 upgraded, 2 newly installed, 0 to remove and 12 not upgraded.
Need to get 95.0 MB of archives.
After this operation, 97.6 MB of additional disk space will be used.
Do you want to continue? [Y/n]
Get:1 http://co.archive.ubuntu.com/ubuntu jammy/main amd64 net-tools 1.60+git20181103.0eebece-1ubuntu5 [204 kB]
Get:2 https://pkg.jenkins.io/debian-stable binary/ jenkins 2.492.1 [94.8 MB]
Fetched 95.0 MB in 8s (11.4 MB/s)
Selecting previously unselected package net-tools.
(Reading database ... 209543 files and directories currently installed.)
Preparing to unpack .../net-tools_1.60+git20181103.0eebece-1ubuntu5_and64.deb ...
Unpacking net-tools (1.60+git20181103.0eebece-1ubuntu5) ...
Selecting previously unselected package jenkins.
Preparing to unpack .../jenkins_2.492.1_all.deb ...
Unpacking jenkins (2.492.1) ...
Setting up net-tools (1.60+git20181103.0eebece-1ubuntu5) ...

```

1. Se instala Jenkins 2.492.1 de igual forma, con las especificaciones del docente.



2. Se realiza la creación del usuario de Jenkins 2.492.1

The screenshot shows the 'Create First Admin User' form in Jenkins 2.492.1. The form has a title 'Create First Admin User' and four input fields: Username, Password, Confirm password, and Full name. The Username field contains 'Carlosmercg', the Password field contains '*****', the Confirm password field contains '*****', and the Full name field contains 'Carlos David Mercado Gallego'. At the bottom of the form, there are two buttons: 'Skip and continue as admin' and 'Save and Continue'.

Getting Started

Create First Admin User

Username
Carlosmercg

Password

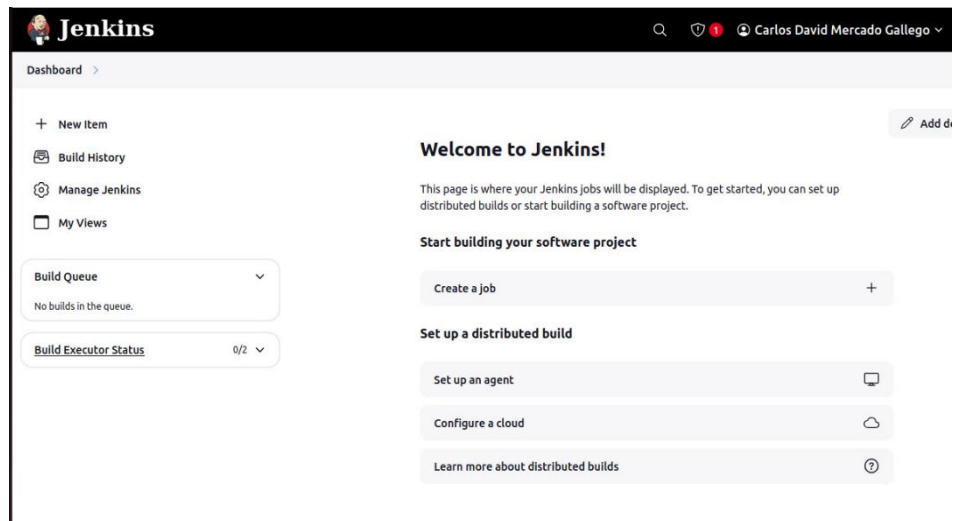
Confirm password

Full name
Carlos David Mercado Gallego

Jenkins 2.492.1

Skip and continue as admin Save and Continue

3. Se visualiza la pantalla de inicio desde usuario inicial.



4. Queda lista la instalación de Docker y Kubernetes.

```
estudiante@NGEN213:~$ sudo docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS
51b672c1654c   registry:2    "/entrypoint.sh /etc..." About a minute ago Up About a minute
0.0.0.0:5000->5000/tcp, [::]:5000->5000/tcp registry
estudiante@NGEN213:~$ sudo snap install microk8s --classic --channel=1.25/stable
microk8s (1.25/stable) v1.25.16 from Canonical✓ installed
estudiante@NGEN213:~$
```

5. Se da por finalizada la sesión luego de realizar las correspondientes descargas en las máquinas virtuales.