

Jenkins Shared Libraries

SK

Jenkins Pipeline Job Using Shared Libraries:

The screenshot shows the Jenkins dashboard with the following details:

- Build Queue:** No builds in the queue.
- Build Executor Status:** 0/2
- Build Item:** jenkins-shared-lib
 - Status: S (Success)
 - Last Success: 15 min #10
 - Last Failure: 53 min #6
 - Last Duration: 21 sec

At the bottom, the taskbar shows various icons for system tools like Task Manager, File Explorer, and a search bar. The status bar indicates the date as 15-12-2025, time as 20:09, and language as ENG.

Standardized Pipeline Job Execution Across Stages Using Centralized Shared Libraries:

Jenkins / jenkins-shared-lib / #11 / Pipeline Overview

#11

Manually run by SK | Started 53 sec ago | Queued 2 ms | Took 27 sec

Graph

```
graph LR; Start((Start)) --> CheckoutSCM((Checkout SCM)); CheckoutSCM --> Initialize((Initialize)); Initialize --> Checkout((Checkout)); Checkout --> BuildTest((Build & Test)); BuildTest --> DockerBuildPush((Docker Build & Push)); DockerBuildPush --> DeployK8s((Deploy to Kubernetes)); DeployK8s --> PostActions((Post Actions)); PostActions --> End((End))
```

Post Actions

Stage	Duration	Start Time	Log Link
Checkout SCM	0.58s	64ms	Deployment successful
Initialize	0.12s	Started 38s ago	Deployed Image: semever/springboot-demo-app:11
Checkout	0.56s		Deployed Image: semever/springboot-demo-app:11
Build & Test	3.2s		
Docker Build & Push	19s		
Deploy to Kubernetes	0.56s		

Docker Image Published to Docker Hub Registry:

Repositories / [springboot-demo-app](#) / General

Using 1 of 1 private repositories.

semever/springboot-demo-app

Last pushed 4 minutes ago • Repository size: 140.1 MB • ⭐0 • ↓18

Add a description

Add a category

General Tags Image Management BETA Collaborators Webhooks Settings

Tags

This repository contains 4 tag(s).

Tag	OS	Type	Pulled	Pushed
11		Image	less than 1 day	4 minutes
10		Image	less than 1 day	20 minutes
9		Image	less than 1 day	35 minutes
8		Image	less than 1 day	41 minutes
7		Image	less than 1 day	about 1 hour

DOCKER SCOUT INACTIVE [Activate](#)

Docker commands

To push a new tag to this repository: [Public view](#)

```
docker push semever/springboot-demo-app:tag name
```

buildcloud

Build with [Docker Build Cloud](#)

Accelerate image build times with access to cloud-based builders and shared cache.

Docker Build Cloud executes builds on optimally-dimensioned cloud infrastructure with dedicated per-organization isolation.

Get faster builds through shared caching across your team, native multi-platform support, and encrypted data transfer - all without managing infrastructure.

Go to Docker Build Cloud

20:13 15-12-2025

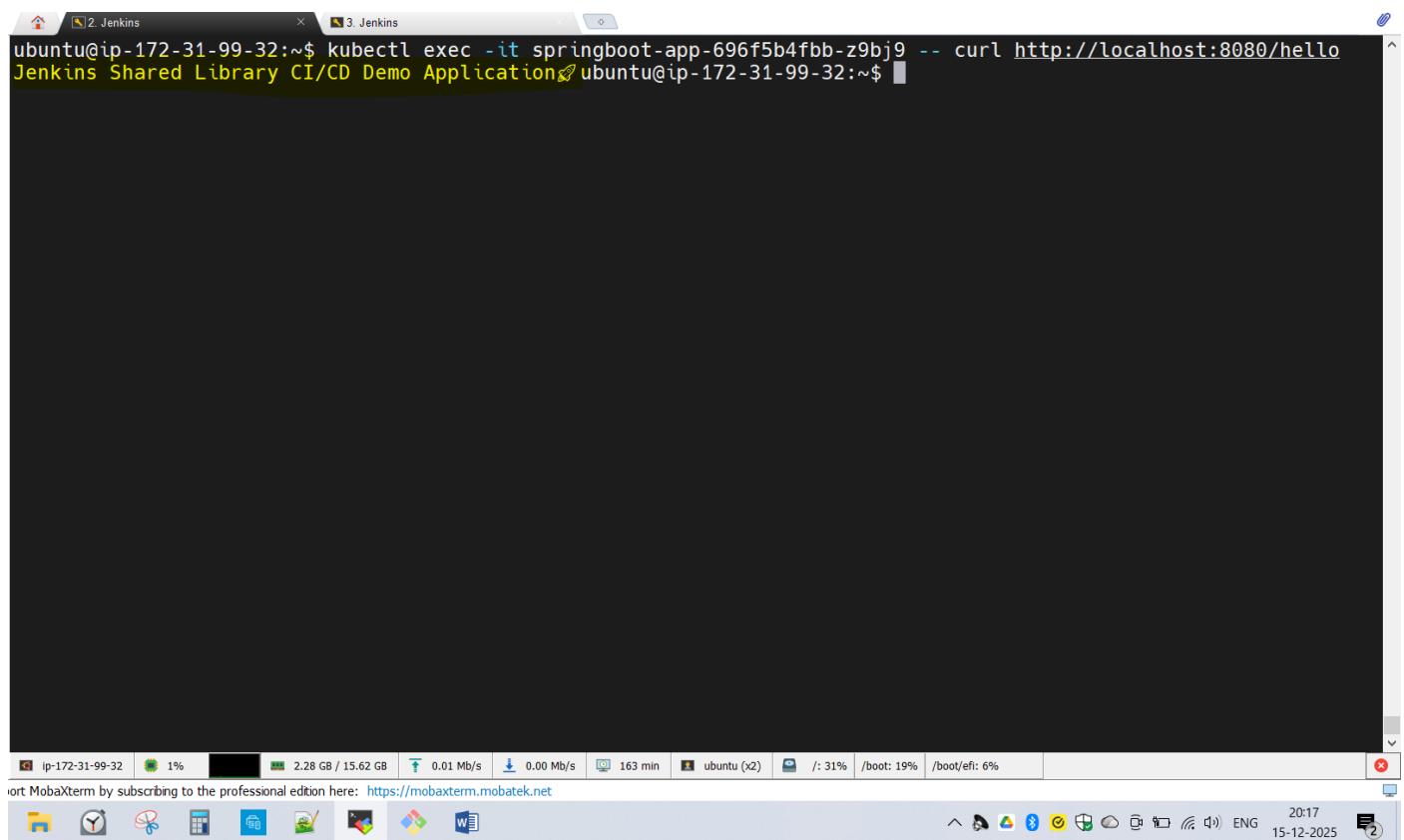
Application Deployed to Kubernetes Cluster Using Images Pulled from Docker Hub:

```
ubuntu@ip-172-31-99-32:~$ kubectl get pods
NAME                  READY   STATUS    RESTARTS   AGE
springboot-app-696f5b4fbb-z9bj9   1/1     Running   0          4m7s
ubuntu@ip-172-31-99-32:~$
```

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20:15 15-12-2025

Successful Application Response Confirmed through curl Command:



```
ubuntu@ip-172-31-99-32:~$ kubectl exec -it springboot-app-696f5b4fbb-z9bj9 -- curl http://localhost:8080/hello
Jenkins Shared Library CI/CD Demo Application$ ubuntu@ip-172-31-99-32:~$
```

The screenshot shows a terminal window titled "3. Jenkins" running on a Linux system. The command `kubectl exec -it springboot-app-696f5b4fbb-z9bj9 -- curl http://localhost:8080/hello` was run, and the response "Jenkins Shared Library CI/CD Demo Application" was displayed. The terminal window has tabs for "1. Jenkins" and "2. Jenkins". The status bar at the bottom shows system information like CPU usage, memory, and network activity.

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