

*“Try Linux for Free: Hands-On Labs with No Linux kernel Install Required” .*

*Linux free hands-on labs that don't require Linux kernel installation in a cloud or VMware environment:*

*Overall, free hands-on labs are an excellent resource for those who want to learn and practice Linux skills. They provide a cost-effective, flexible, and practical way to gain experience with Linux, regardless of the user's background or experience level.*

 Play With Docker:

 Killercoda :

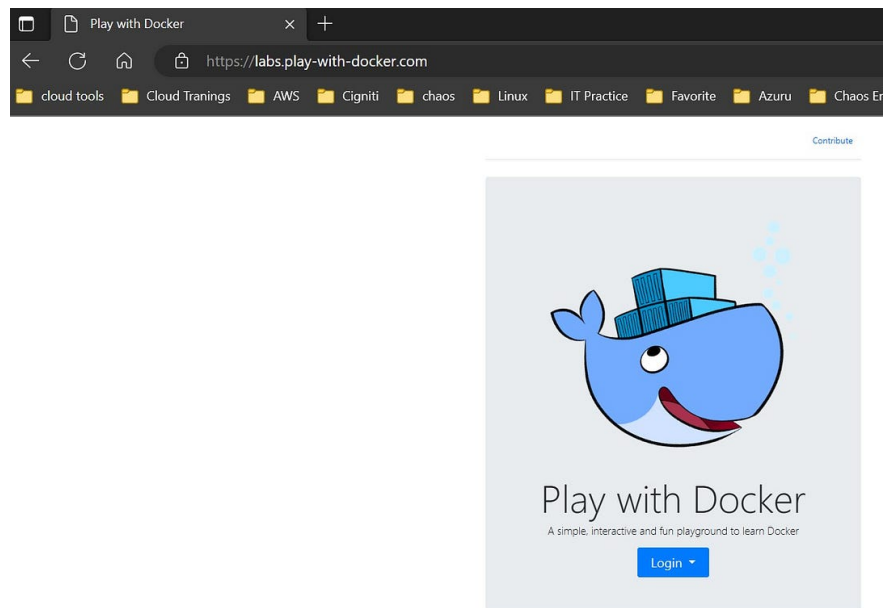
 Minikube :

Play With Docker: [ A free online playground for learning Docker ]

If you don't already have a Docker or GitHub account, you will need to create one before you can log in to Play with Docker. You can create a free Docker account on the Docker website (<https://hub.docker.com/signup>), and a free GitHub account on the GitHub website (<https://github.com/join>).

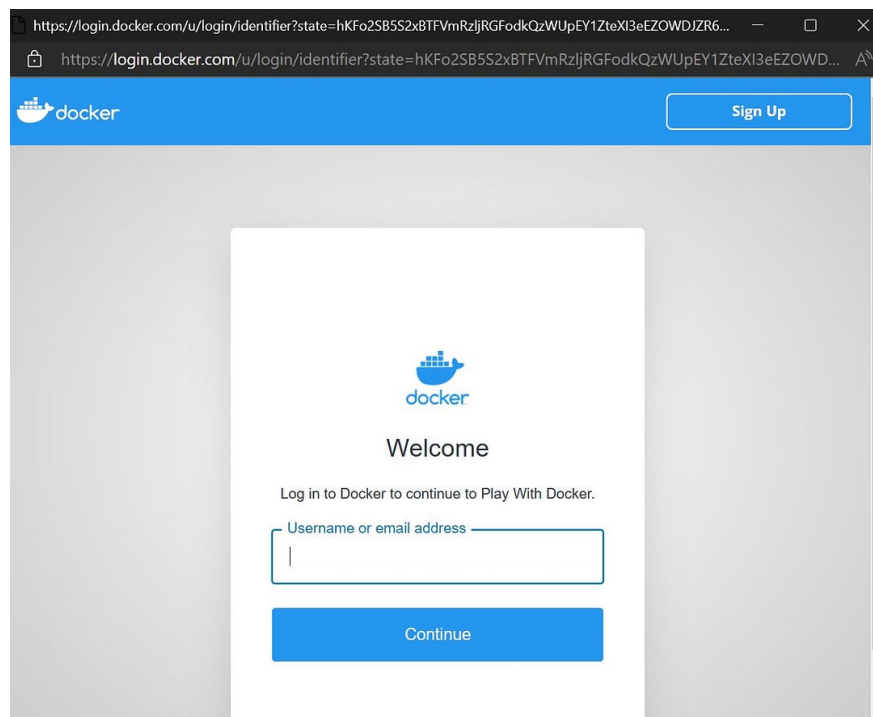
*Go to the Play with Docker website **Play with Docker***

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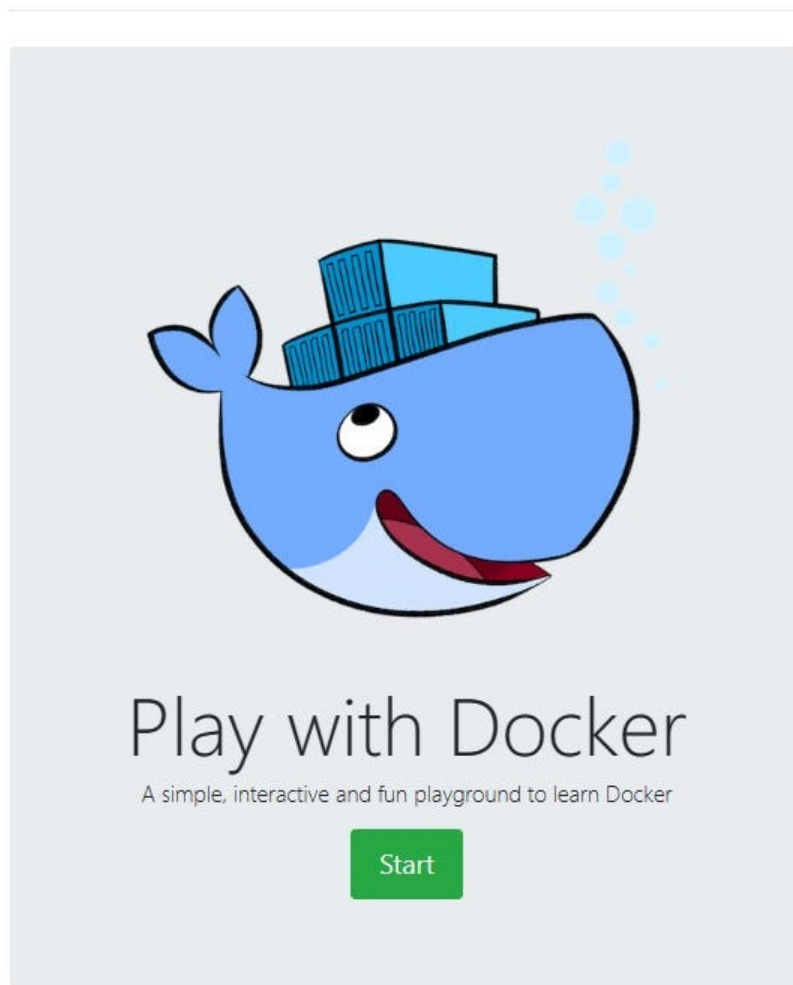


*Click on the “Login” button on the top right-hand corner of the page.*

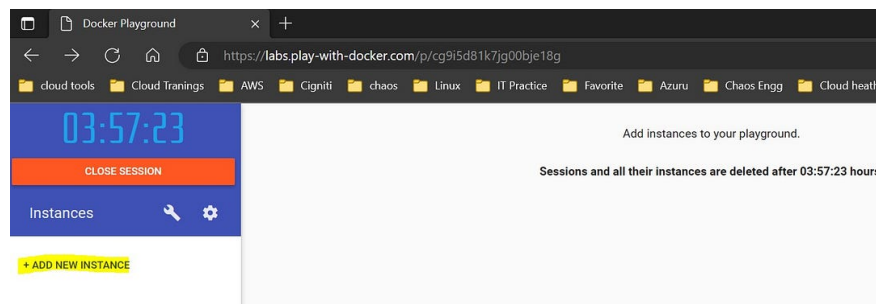
*If you choose to log in with your Docker account, enter your Docker username and password, and then click on the “Sign In” button.*

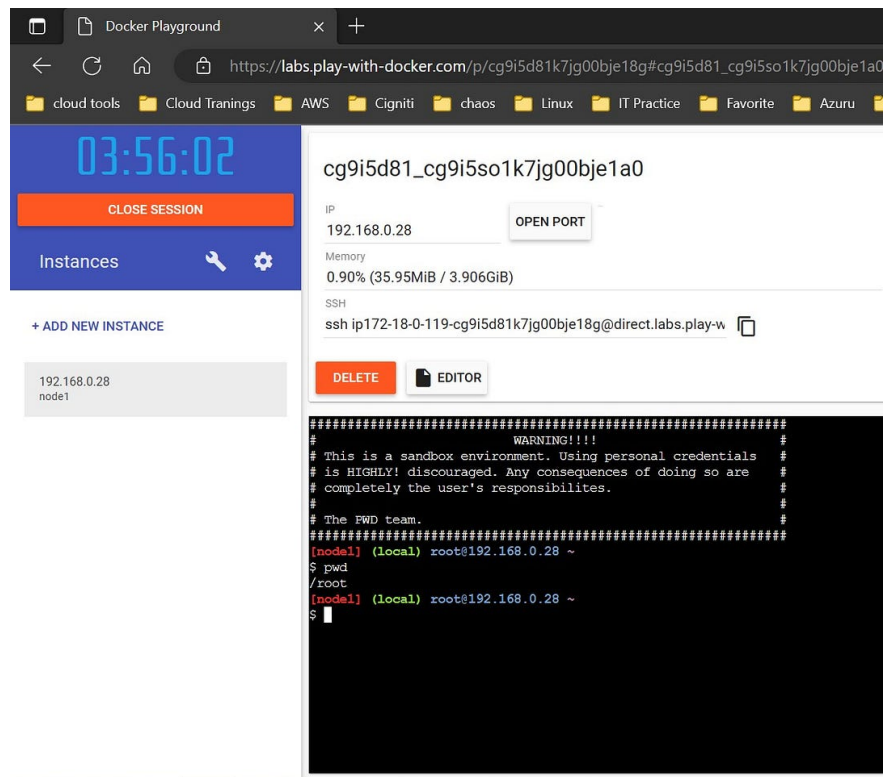


*Click on the “Login” button on the top right-hand corner of the page.*



*Once you are logged in, you will be directed to the main Play with Docker dashboard, where you can start using the platform to run Docker containers and practice your Docker skills.*

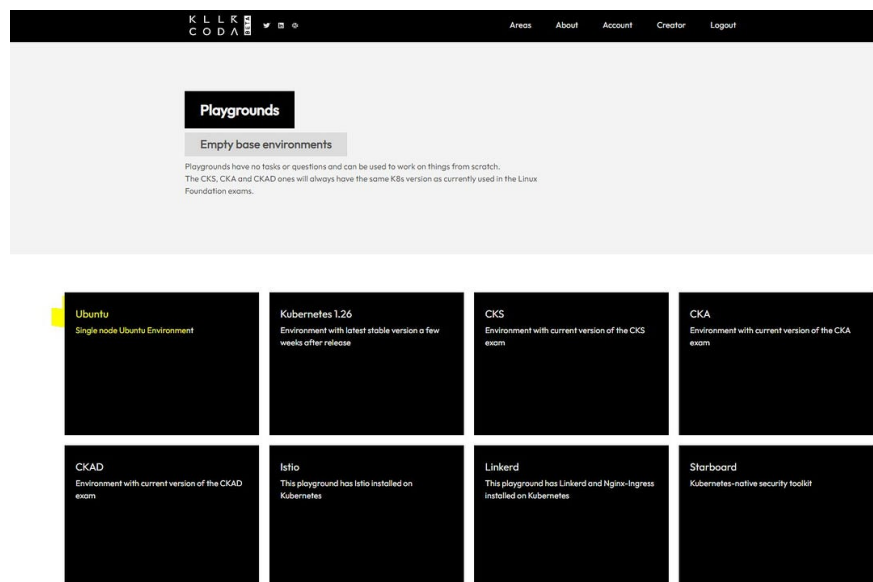
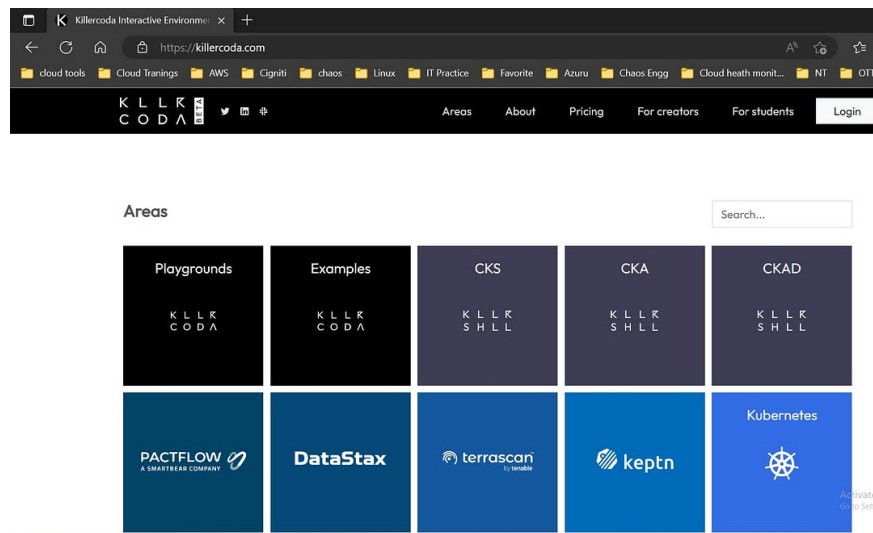




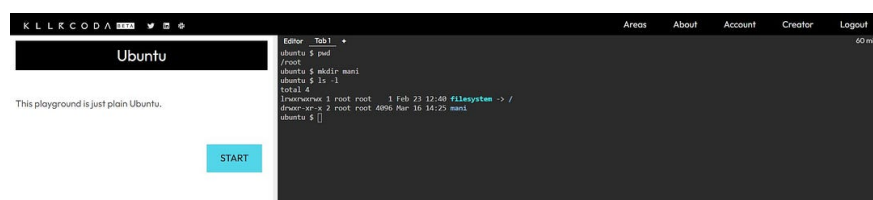
Successfully log in with Play With Docker.

**killercoda:** [Learn DevOps Linux Kubernetes CKS CKA CKAD Git Cassandra etc | Katacoda compatible]

If you don't already have a Docker or GitHub account, you will need to create one before you can log in to Play with Docker. You can create a free Docker account on the Docker website (<https://hub.docker.com/signup>),



Select Ubuntu



Successfully log in with killercoda

Minikube : [This tutorial shows you how to run a sample app on **Kubernetes** using **minikube** and **Katacoda**. Katacoda provides free, in-browser **Kubernetes** }



```
Terminal Preview Port 30000 +
Your Interactive Learning Environment Bash Terminal

$ start.sh
Starting Kubernetes...minikube version: v1.18.0
commit: ec61815d6f6eae4f6353030a40b12362557caa-dirty
* minikube v1.18.0 on Ubuntu 18.04 (amd64)
* Using the none driver based on existing profile

K The requested memory allocation of 2200MiB does not leave room for system overhead (total system memory: 2460MiB). You may face stability issues.
* Suggestion: Start minikube with less memory allocated: 'minikube start --memory=2200mb'

* Starting control plane node minikube in cluster minikube
* Running on localhost (CPUs=2, Memory=2460MB, Disk=194868MB) ...
* OS release is Ubuntu 18.04.5 LTS
* Preparing Kubernetes v1.20.2 on Docker 19.03.13 ...
  - kubelet.resolvconf=/run/systemd/resolve/resolv.conf
    - Generating certificates and keys ...
    - Booting up control plane ...
    - Configuring RBAC rules ...
* Configuring local host environment ...
* Verifying Kubernetes components...
  - Using image gcr.io/k8s-minikube/storage-provisioner:v4
* Enabled addons: storage-provisioner, default-storageclass
* Done! kubect1 is now configured to use "minikube" cluster and "default" namespace by default
  - Using image k8s.gcr.io/metrics-server-amd64:v0.2.1
* The 'metrics-server' addon is enabled
  - Using image kubernetesui/dashboard:v2.1.0
  - Using image kubernetesui/metrics-scraper:v1.0.4
* Some dashboard features require the metrics-server addon. To enable all features please run:

    minikube addons enable metrics-server

* The 'dashboard' addon is enabled
Kubernetes Started
$ pwd
/root
$ ls -l
total 0
$ la -a
. .bashrc .cache .docker .gnupg .hushlogin .kube .minikube .profile .ssh .vimrc
$ mkdir mani
$
```

Successfully log in with [killercoda](#)

That's it, thank you for reading.

👉 In case you would like to continue the discussion, you can always reach out to me on [Twitter](#) or on LinkedIn for professional networking, if you feel like following me on [GitHub](#) you can also do that.

👉 Follow [Cloudnloud Tech Community](#) for more insightful knowledge & resources & [CloudnLoud YouTube channel](#).