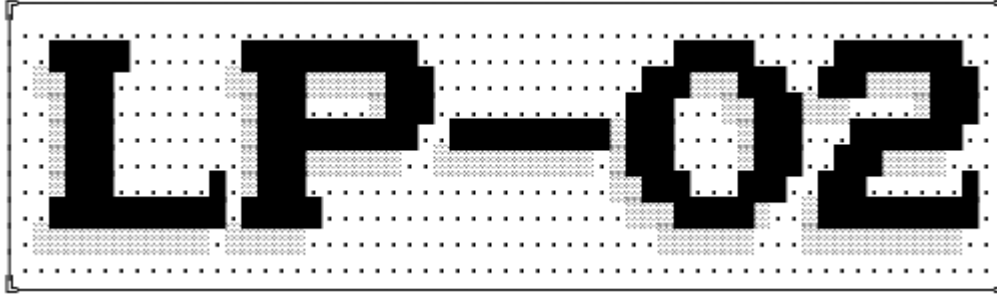
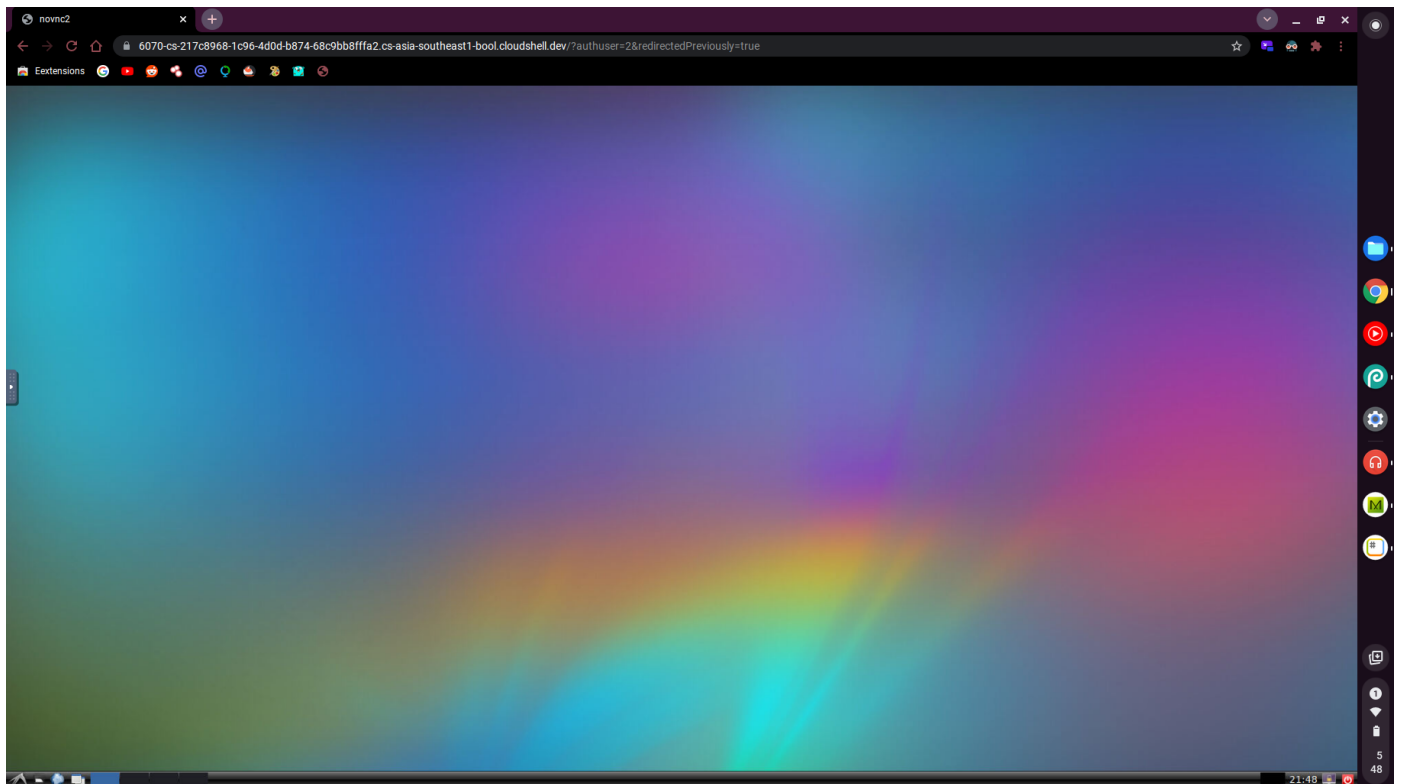


CLOUDSHELL VNC EXPLOIT



ABOUT PROJECT

`docker-ubuntu-vnc-desktop` is a Docker image to provide web VNC interface to access Ubuntu LXDE/LxQT desktop environment.



ubuntu FLAVORS

Choose your favorite Ubuntu version with tags

- focal: Ubuntu 20.04 (latest)
- focal-lxqt: Ubuntu 20.04 LXQt
- bionic: Ubuntu 18.04
- bionic-lxqt: Ubuntu 18.04 LXQt
- xenial: Ubuntu 16.04 (deprecated)
- trusty: Ubuntu 14.04 (deprecated)

GET STARTED

Open Google [Cloudshell](#)

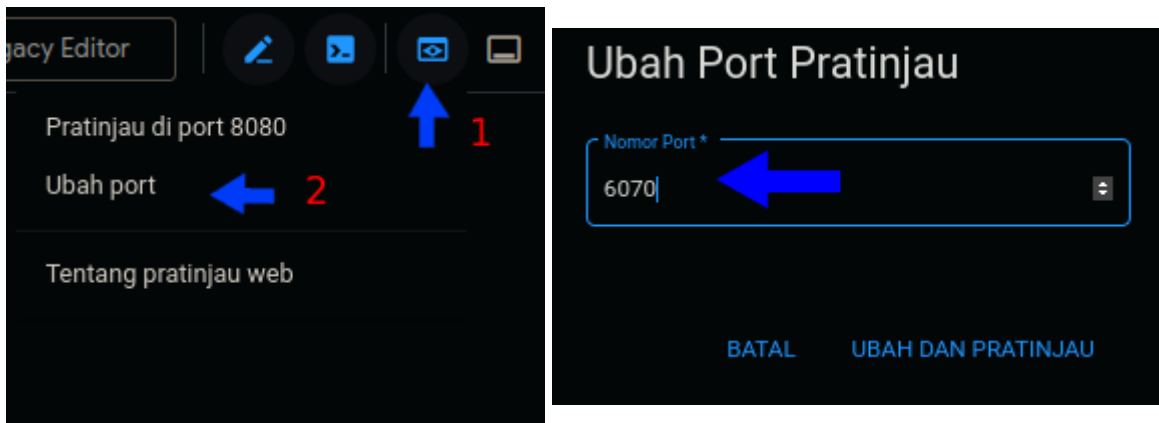
```
cloudshell x + v
Welcome to Cloud Shell! Type "help" to get started.
To set your Cloud Platform project in this session use "gcloud config set project [PROJECT_ID]"
[REDACTED]@cloudshell:~$ docker run -p 6070:80 dorowu/ubuntu-desktop-lxde-vnc
```

RUN COMMANDS BELOW

```
docker run -p 6070:80 dorowu/ubuntu-desktop-lxde-vnc
```

CHANGE PORT

PORT : 6070



DOCKER COMMANDS

```
docker run -d -t --name [hub name] [new name]
docker exec -it [new name] [exp: sh]
```

SYSTEM UPDATE & INSTALL TOOLS

```
sudo su
apt-get update -y
apt-get upgrade -y
```

INSTALL UBUNTU PRODUCTIVITY SOFTWARE

```
apt install ubuntu-gnome-desktop  
do-release-upgrade
```

UBUNTU SOFTWARE CENTER

```
apt install gnome-software
```



SOUND PREVIEW VERSION AND LINUX ONLY

It only works in Linux.

First of all, insert kernel module snd-aloop and specify 2 as the index of sound loop device

```
sudo modprobe snd-aloop index=2
```

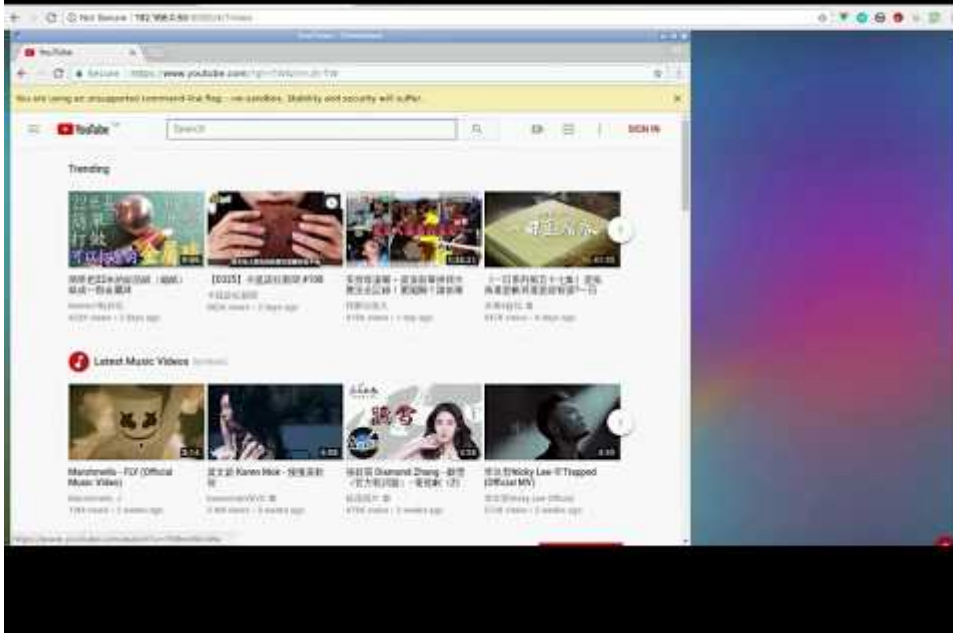
Start the container

```
docker run -it --rm -p 6080:80 --device /dev/snd -e ALSADEV=hw:2,0 dorowu/ubuntu  
-desktop-lxde-vnc
```

where `--device /dev/snd -e ALSADEV=hw:2,0` means to grant sound device to container and set basic ASLA config to use card 2.

Launch a browser with URL <http://127.0.0.1:6080/#!/?video>, where video means to start with video mode. Now you can start Chromium in start menu (Internet -> Chromium Web Browser Sound) and try to play some video.

Following is the screen capture of these operations. Turn on your sound at the end of video!



WARNING: Deprecated

Dockerfile and configuration can be generated by template.

- arch: one of `amd64` or `armhf`
- flavor: refer to file in `flavor/flavor.yml`
- image: base image
- desktop: desktop environment which is set in flavor
- `addon_package` : Debian package to be installed which is set in flavor

Dockerfile and configuration are re-generate if they do not exist. Or you may force to re-generate by removing them with the command `make clean`.

i Troubleshooting and FAQ

1. boot2docker connection issue [👉 HERE](#)
 2. Multi-language supports [👉 HERE](#)
 3. Autostart [👉 HERE](#)
 4. x11vnc arguments (multiptr) [👉 HERE](#)
 5. firefox/chrome crash `/dev/shm` [👉 HERE](#)
 6. resize display size without destroying container [👉 HERE](#)
-



</> SOURCE CODE

Website	Link
Docker	https://hub.docker.com/r/dorowu/ubuntu-desktop-lxde-vnc
Github	https://github.com/fcwu/docker-ubuntu-vnc-desktop

LP-02