

Práctica 1: Packer

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```
vagrant@idc-aisi2223-docker:~$ docker run --rm -d --name nginx-aisi -p 80:80 -v /vagrant/html:/usr/share/nginx/html nginx
unknown flag: --rm
See 'docker run --help'.
vagrant@idc-aisi2223-docker:~$ docker run --rm -d --name nginx-aisi -p 80:80 -v /vagrant/html:/usr/share/nginx/html nginx
Unable to find image 'nginx:latest' locally
latest: Pulling from library/nginx
8a26368f8d1: Pull complete
258f19f0220: Pull complete
abc35c0721: Pull complete
8779569ff80: Pull complete
382a1ff1651: Pull complete
79b29976cc0: Pull complete
Digest: sha256:665813ef0d27c1f8a3351cb03e0f5c7e0b50fcb4f1b23d8fa08603ba0
Status: Downloaded newer image for nginx:latest
P939167cf4a9773b0f4396cece54a2fed848c8abfa3b7b695807525208865
vagrant@idc-aisi2223-docker:~$ docker run --rm -d --name nginx-aisi -p 80:80 -v /vagrant/html:/usr/share/nginx/html nginx
docker: Error response from daemon: Conflict. The container name "/nginx-aisi" is already in use by container "P939167cf4a9773b0f4396cece54a2fed848c8abfa3b7b695807525208865". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
vagrant@idc-aisi2223-docker:~$ docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS                    NAMES
P939167cf4a9   nginx     "/docker-entrypoint..." 26 seconds ago Up 23 seconds    0.0.0.0:80->80/tcp      nginx-aisi
vagrant@idc-aisi2223-docker:~$
```

Figure 1: Ejecuta el contenedor Docker que despliega el servidor web Nginx y comprueba su estado (docker ps)

```
vagrant@idc-aisi2223-docker:~$ curl http://localhost
<html>
<head>
  <meta charset="utf-8">
  <title>GEI AISI: Test Page</title>
  <script type="text/javascript">
    function getURL() {
      document.write("URL: " + window.location.href);
    }
    function getTime() {
      document.getElementById("current_date").innerHTML = Date();
    }
  </script>
</head>
<body>
  <div style="width:600px;height:200px;border:2px solid #000;text-align: center;">
    <strong><br>
    <u>GEI AISI: 2022/2023</u>
    <p><u>Nginx Web Server (Docker)</u></p>
    <p>Página web de Iago Domínguez Cameán e Iker García Calviño</p>
    <p><script>getURL();</script></p>
    <p><div id="current_date"><script>getTime();</script></p>
  </strong>
</div>
</body>
</html>
vagrant@idc-aisi2223-docker:~$
```

Figure 2: Accede al servidor web desde la VM usando el comando curl

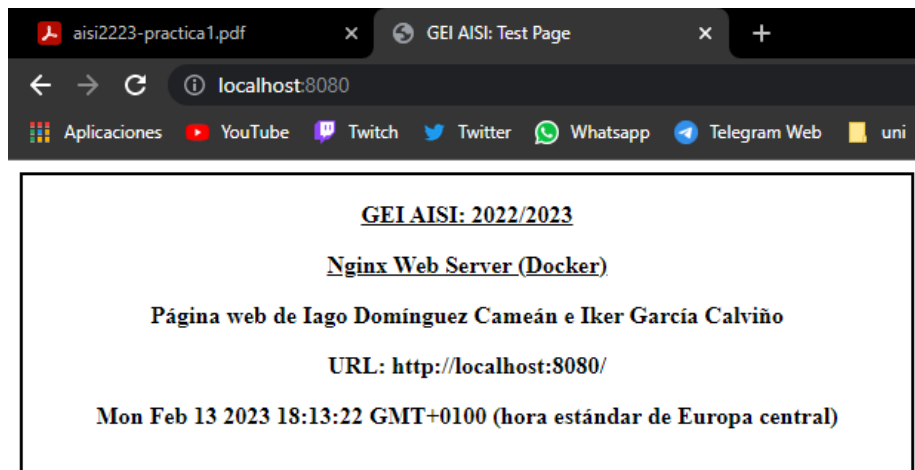


Figure 3: Accede al servidor web desde el navegador de tu host