



Wifi Home Lan



User

Access by browser
`http://192.168.1.4:32227`



User

Access by mobile browser
`http://192.168.1.4:32227`

Kubernetes Cluster



Master and Worker



Host IP: **192.168.1.4**
NomeName: **sibbr-latitude-e7240**

Para obter o IP do host, IP iniciando com 192.xxx

```
# ifconfig | grep inet | grep 192  
# kubectl get pod tomcat-deployment-56b659457c-mh2l7 -o yaml | grep hostIP
```

tomcat-service-nodeport



Service to expose deployment
to Worker Node IP
to have a external access
Make a routing out! "exposes"

IP: **10.152.183.251**
Port int: **8080**
Port ext: **32227**

Routing

Expose

tomcat-deployment



"tomcat-app" container



POD IP: **10.1.187.204**
Port: **8080**

Id: **tomcat-deployment-56b659457c-mh2l7**

ReplicaSet
3 Replicas



"tomcat-app" container



"tomcat-app" container

```
kubectl expose deployment tomcat-deployment --name=tomcat-service-nodeport --type=NodePort --port 8080
```

Docker Hub Repository



docker



`http://hub.docker.com` (DockerHub)
Image: **brunojose1977/tomcat:8**

TAG

latest

Last pushed 3 years ago by **brunojose1977**

DIGEST

62b8f974de84

OS/ARCH

linux/amd64

LAST PULL

16 hours ago

COMPRESSED S...

190.05 MB`docker pull brunojose1977/tomcat8:...`