

# Instalación Samba 4 Docker en Google Cloud

Máquina utilizada:

- VM Ubuntu 18.04 Its
- 2 Cores
- 1GB Ram
- 15 GB HDD

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## Comandos de administración por samba-tool:

- Crear usuario

```
samba-tool user create 'username' 'password' --given-name='givenName'
--surname='surname' --mail='mail'
```

- Crear grupo

```
samba-tool group add groupName
```

- Agregar usuario a grupo

```
samba-tool group addmembers groupName 'username'
```

## Comando de búsqueda por ldapsearch:

- Árbol completo

```
ldapsearch -x -H ldaps://10.128.0.3 -b DC=operaciones,DC=tk -D
CN=Administrator,CN=Users,DC=operaciones,DC=tk -w Operaciones1*
```

- Usuario específico (sAMAccountName=nombreDeUsuario)

```
ldapsearch -x sAMAccountName=Administrator -H ldaps://10.128.0.3 -b
DC=operaciones,DC=tk -D CN=Administrator,CN=Users,DC=operaciones,DC=tk -w
Operaciones1*
```

## Docker Run - <https://github.com/babim/docker-sambaad>

```
docker run -d -h addomain \
-e SAMBA_REALM="OPERACIONES.TK" \
-e SAMBA_DOMAIN="operaciones" \
-e SAMBA_PASSWORD="Operaciones1*" \
-e KERBEROS_PASSWORD="Operaciones1*" \
-e SAMBA_HOST_IP="10.168.0.4" \
-e SAMBA_DNS_FORWARDER="8.8.8.8" \
-e HOSTNAME="addomain" \
-v ${PWD}/libsamba:/var/lib/samba \
-v ${PWD}/krb5kdc:/var/lib/krb5kdc \
--name addomain --privileged --network=host \
babim/sambaad
```

## Docker Compose - <https://github.com/Fmstrat/samba-domain>

version: '2'

services:

```
# ----- samba begin ----- #
samba:
  image: nowsci/samba-domain
  container_name: samba-ad
  volumes:
    - /etc/localtime:/etc/localtime:ro
    - /data/docker/containers/samba/data:/var/lib/samba
    - /data/docker/containers/samba/config/samba:/etc/samba/external
  environment:
    - DOMAIN=OPERACIONES.TK
    - DOMAINPASS=Operaciones1*
    - DNSFORWARDER=8.8.8.8
    - HOSTIP=10.128.0.10
  ports:
    - 10.128.0.10:53:53
    - 10.128.0.10:53:53/udp
    - 10.128.0.10:88:88
    - 10.128.0.10:88:88/udp
    - 10.128.0.10:135:135
    - 10.128.0.10:137-138:137-138/udp
    - 10.128.0.10:139:139
    - 10.128.0.10:389:389
    - 10.128.0.10:389:389/udp
    - 10.128.0.10:445:445
    - 10.128.0.10:464:464
    - 10.128.0.10:464:464/udp
    - 10.128.0.10:636:636
    - 10.128.0.10:1024-1044:1024-1044
    - 10.128.0.10:3268-3269:3268-3269
  dns_search:
    - operaciones.tk
  dns:
    - 10.128.0.10
    - 10.128.0.1
  extra_hosts:
    - samba.operaciones.tk:10.128.0.10
  hostname: samba
  cap_add:
    - NET_ADMIN
  devices:
    - /dev/net/tun
  privileged: true
  restart: always
# ----- samba end ----- #
```