

LXC Guides

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LXC Cheat Sheet

Create a New Machine

```
export VM_NAME="acmeauth"
```

```
sudo lxc launch images:debian/13 "$VM_NAME"
```

Static IP

```
export VM_NAME="acmeauth"  
export VM_IP4ADDR="10.27.27.20"
```

```
lxc stop "$VM_NAME"  
lxc network attach lxd0 "$VM_NAME" eth0 eth0  
lxc config device set "$VM_NAME" eth0 ipv4.address "$VM_IP4ADDR"  
lxc start "$VM_NAME"
```

```
export VM_NAME="acmeauth"
```

```
sudo lxc exec "$VM_NAME" /bin/bash
```

```
mkdir -p /etc/systemd/system/systemd-networkd.service.d/  
tee /etc/systemd/system/systemd-networkd.service.d/lxc.conf <<'EOF'  
[Service]  
BindReadOnlyPaths=/sys  
EOF
```

```
tee /etc/systemd/network/eth0.network <<'EOF'  
[Match]  
Name=eth0  
  
[Network]  
DHCP=ipv4  
LinkLocalAddressing=no  
IPv6AcceptRA=no  
IPv6PrivacyExtensions=no
```

```
[DHCPv4]
UseDomains=true
UseMTU=true
```

```
[DHCP]
ClientIdentifier=mac
EOF
```

```
lxc config device add acmeauth dns53-v4 proxy \
  listen=udp:185.8.166.47:53 \
  connect=udp:127.0.0.1:53
```

```
lxc config device add acmeauth dns53-v6 proxy \
  listen=udp:[2a03:3b40:101:da::1]:53 \
  connect=udp:127.0.0.1:53
```