

iptables NAT

```
#!/bin/bash

IPTABLES=/sbin/iptables

WANIF='ens18'
LANIF='ens19'

# enable ip forwarding in the kernel
echo 'Enabling Kernel IP forwarding...'
/bin/echo 1 > /proc/sys/net/ipv4/ip_forward

# flush rules and delete chains
echo 'Flushing rules and deleting existing chains...'
$IPTABLES -F
$IPTABLES -X

# enable masquerading to allow LAN internet access
echo 'Enabling IP Masquerading and other rules...'
$IPTABLES -t nat -A POSTROUTING -o $LANIF -j MASQUERADE
$IPTABLES -A FORWARD -i $LANIF -o $WANIF -m state --state
RELATED,ESTABLISHED -j ACCEPT
$IPTABLES -A FORWARD -i $WANIF -o $LANIF -j ACCEPT

$IPTABLES -t nat -A POSTROUTING -o $WANIF -j MASQUERADE
$IPTABLES -A FORWARD -i $WANIF -o $LANIF -m state --state
RELATED,ESTABLISHED -j ACCEPT
$IPTABLES -A FORWARD -i $LANIF -o $WANIF -j ACCEPT

echo 'Done.'
```

iptables persistieren wir unter [iptables speichern](#)

[/etc/network/if-pre-up.d/ipforward](#)

```
echo 1 > /proc/sys/net/ipv4/ip_forward
```

```
chmod +x /etc/network/if-pre-up.d/ipforward
```

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