

# REDIRECT TARGET

---

- Used to **redirect packets** from one port to another on the same machine.
- The **REDIRECT** target is extremely good to use for **transparent proxying**, where the *LAN* hosts do not know about the proxy at all.
- REDIRECT target is only valid within the **PREROUTING** and **OUTPUT** chains of the **nat** table.

## Example:

```
iptables -t nat -A PREROUTING -p tcp --dport 80 -j REDIRECT --to-ports 8080
```