

Příloha č. 1 – Skript

```
echo
echo -n "Loading iptables settings"

IPTABLES=/sbin/iptables
echo 1 > /proc/sys/net/ipv4/ip_forward

echo -n "."

$IPTABLES -F
$IPTABLES -X

echo -n "."

$IPTABLES -P INPUT DROP
$IPTABLES -P OUTPUT ACCEPT
$IPTABLES -P FORWARD DROP

echo -n "."

$IPTABLES -A INPUT -i eth1 -j ACCEPT
$IPTABLES -A FORWARD -i eth1 -o eth0 -j ACCEPT
$IPTABLES -A FORWARD -i eth0 -o eth1 -m state --state INVALID -j DROP
$IPTABLES -A FORWARD -i eth0 -o eth1 -m state -state ESTABLISHED,RELATED -
j ACCEPT

echo -n "."

$IPTABLES -t nat -A POSTROUTING -o eth0 -j MASQUERADE

$IPTABLES -t nat -A PREROUTING -p tcp --dport 80 -i eth0 -j DNAT --to
192.168.0.2:80
$IPTABLES -t nat -A PREROUTING -p tcp --dport 21 -i eth0 -j DNAT --to
192.168.0.3:21
$IPTABLES -t nat -A PREROUTING -p tcp --dport 22 -i eth0 -j DNAT --to
192.168.0.4:22
$IPTABLES -t nat -A PREROUTING -p tcp --dport 25 -i eth0 -j DNAT --to
192.168.0.5:25

echo -n "."
```

```
$IPTABLES -A FORWARD -i eth0 -p tcp -d 192.168.0.2 --dport 80 -m state --
state NEW -j ACCEPT
$IPTABLES -A FORWARD -i eth0 -p tcp -d 192.168.0.3 --dport 21 -m state --
state NEW -j ACCEPT
$IPTABLES -A FORWARD -i eth0 -p tcp -d 192.168.0.4 --dport 22 -m state --
state NEW -j ACCEPT
$IPTABLES -A FORWARD -i eth0 -p tcp -d 192.168.0.5 --dport 25 -m state --
state NEW -j ACCEPT

echo 1 > /proc/sys/net/ipv4/conf/eth0/rp_filter
$IPTABLES -N syn_flood
$IPTABLES -A INPUT -i eth0 -p tcp --syn -j syn_flood
$IPTABLES -A syn_flood -m limit --limit 1/s --limit-burst 5 -j RETURN
$IPTABLES -A syn_flood -j DROP
$IPTABLES -A INPUT -p icmp --icmp-type echo-request -m limit --limit 1/s --
limit-burst 5 -j ACCEPT

echo -n "."

echo done.
exit
```