

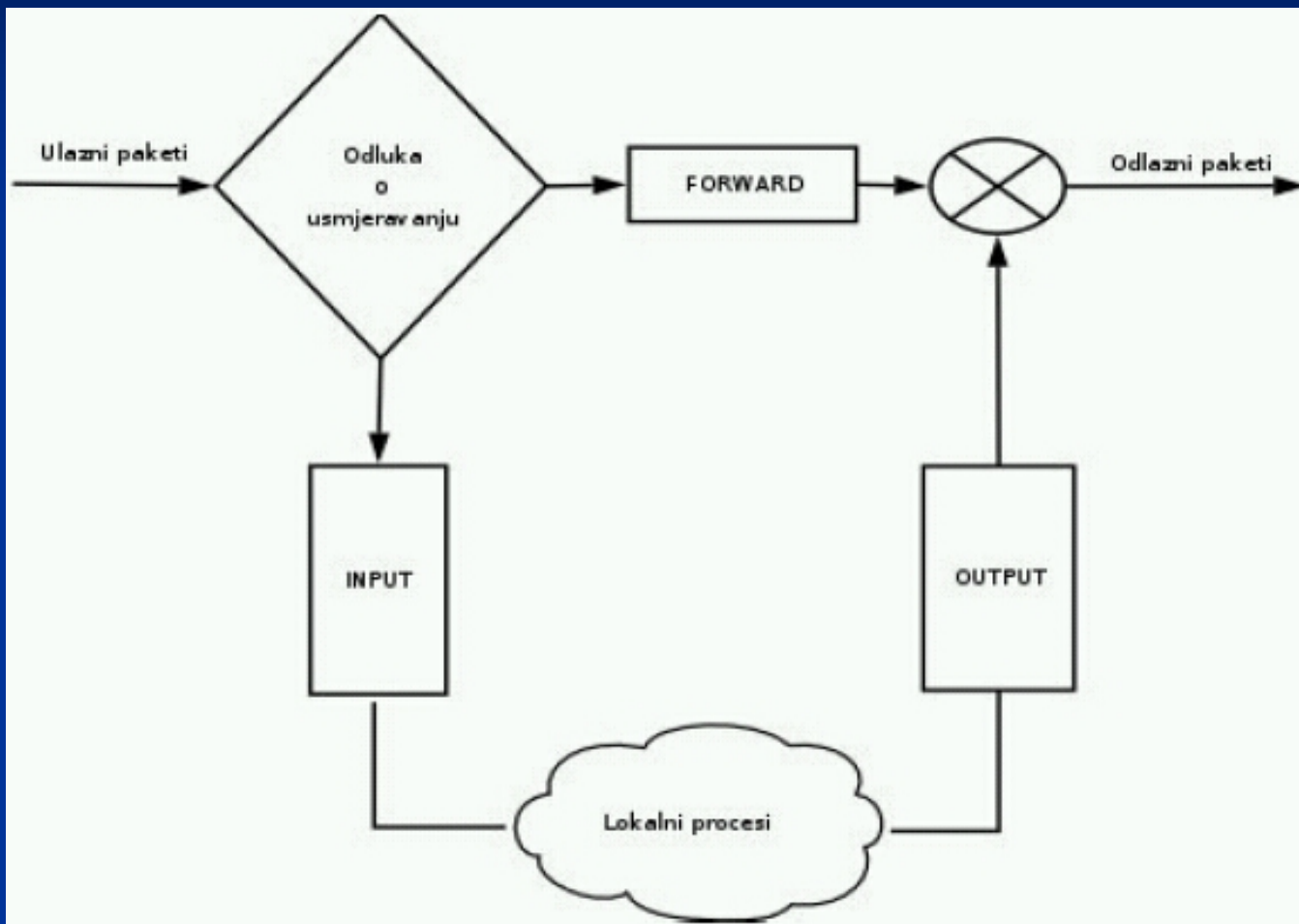
IPTables

Osnove konfiguracije i korištenje

Uvod

- Princip vatrozida
- Osnovna zadaća vatrozida?
- Netfilter i njegove glavne odlike

Osnovno mrežno filtriranje



Lanci

- Zadaju se preko programa “iptables”
- Kreiranje i brisanje lanaca
- Dodavanje i brisanje pravila u lancu

Specificiranje pravila

- Završno pravilo
- Odabir izvorišne i odredišne adrese
- Odabir inverzije/negacije

Specificiranje pravila

- Odabir mrežnog sučelja
- Portovi
- Fragmenti

Specificiranje pravila

- Praćenje stanja
- Mete

Jednostavan vatrozid

```
iptables -P INPUT DROP
```

```
iptables -A INPUT -s 127.0.0.1 -j ACCEPT
```

```
iptables -A INPUT -p TCP -m state --state ESTABLISHED,RELATED -j ACCEPT
```

```
iptables -A INPUT -p TCP -d 192.168.0.0/24 -i eth0 -j ACCEPT
```

```
iptables -A INPUT -p UDP -d 192.168.0.0/24 -i eth0 -j ACCEPT
```

```
iptables -A INPUT -p ICMP -d 192.168.0.0/24 -i eth0 -j ACCEPT
```

```
iptables -P OUTPUT DROP
```

```
iptables -A OUTPUT -s 127.0.0.1 -j ACCEPT
```

```
iptables -A OUTPUT -d 192.168.0.0/24 -j ACCEPT
```

```
iptables -A OUTPUT -p TCP -d 192.168.1.2 --dport mail -j ACCEPT
```

```
iptables -A OUTPUT -p TCP --dport 80 -j ACCEPT
```

```
iptables -A OUTPUT -p TCP --dport 443 -j ACCEPT
```

```
iptables -A OUTPUT -p UDP --dport 53 -j ACCEPT
```


Proširenja

- Proširenja za TCP
- Proširenja za UDP
- Proširenja za ICMP

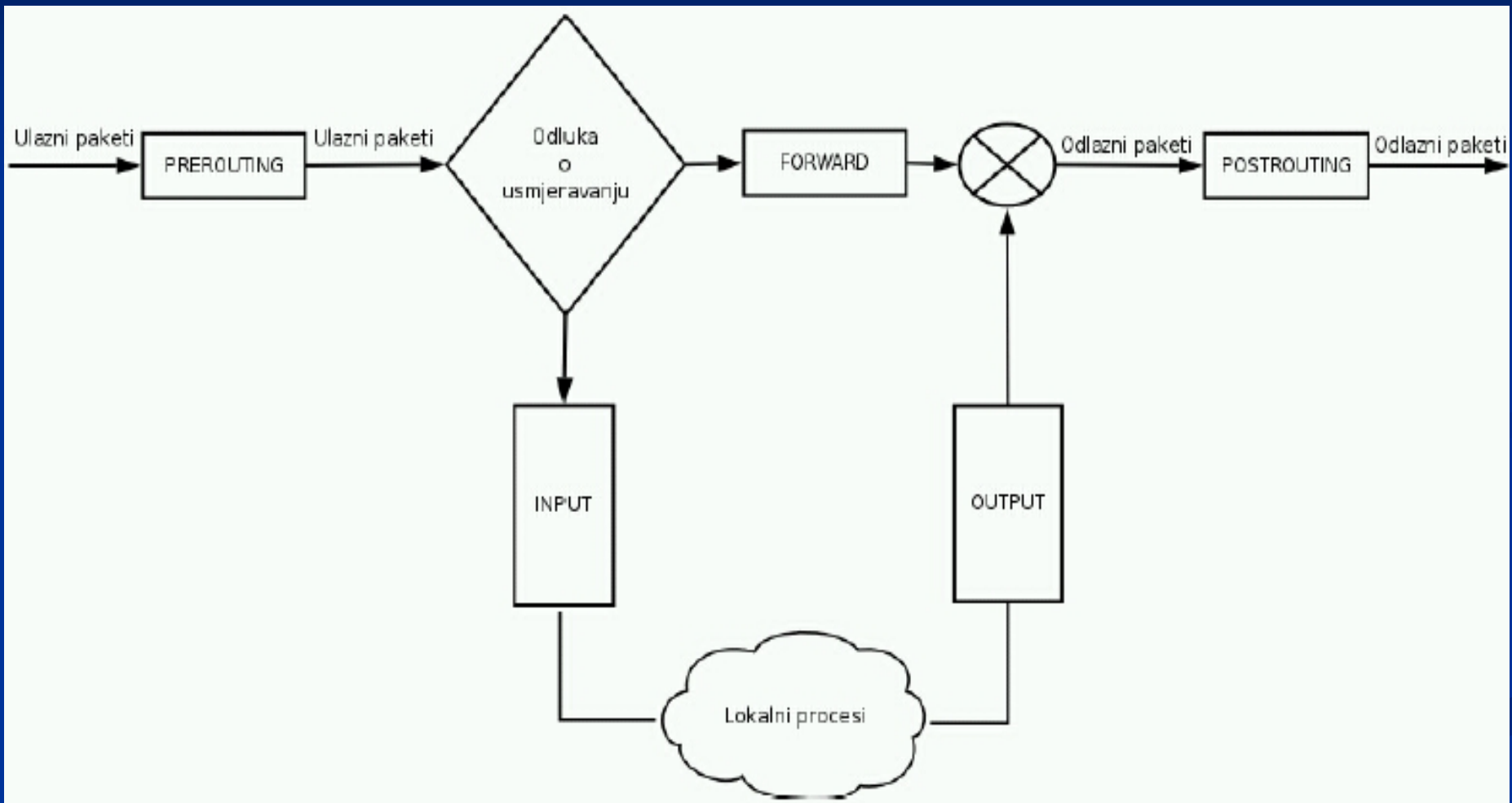
Dodatni testovi

- “mac”
- “owner”
- “limit”
- “state”

NAT

- Što je NAT?
- Podešavanje NAT-a

Izgled NAT-a



Literatura

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