

bueno para simplificar un poco tus reglas podemos hacer esto:

CODE, HTML o PHP Insertado:

```
primero creamos una address list:  
/ip firewall address-list add list=7mb  
/ip firewall address-list add list=5mb
```

con esto podras agregar las ips en el address list de los clientes segun su plan.

ahora vamos a marcar las conexiones y los paquetes para que despues se usen en el queue tree

CODE, HTML o PHP Insertado:

```
/ip firewall mangle  
add action=mark-connection chain=prerouting disabled=no new-connection-mark=7mb passthrough=yes  
src-address-list=7mb  
add action=mark-packet chain=prerouting connection-mark=7mb disabled=no new-packet-mark=7mb  
passthrough=no
```

```
add action=mark-connection chain=prerouting disabled=no new-connection-mark=5mb passthrough=yes  
src-address-list=5mb  
add action=mark-packet chain=prerouting connection-mark=5mb disabled=no new-packet-mark=5mb  
passthrough=no
```

se han marcado los paquetes para los planes ofrecidos

bueno por ultimo se trabajara en el queue tree

CODE, HTML o PHP Insertado:

1.- se hara la creacion de unas queue type basados en pcq:

```
/queue type  
add kind=pcq name="7m down" pcq-burst-rate=0 pcq-burst-threshold=0 pcq-burst-time=10s pcq-  
classifier=dst-address pcq-dst-address-mask=32 pcq-dst-address6-mask=64 pcq-limit=50 pcq-rate=7M \  
pcq-src-address-mask=32 pcq-src-address6-mask=64 pcq-total-limit=2000  
add kind=pcq name="7m up" pcq-burst-rate=0 pcq-burst-threshold=0 pcq-burst-time=10s pcq-  
classifier=src-address pcq-dst-address-mask=32 pcq-dst-address6-mask=64 pcq-limit=50 pcq-rate=512k \  
pcq-src-address-mask=32 pcq-src-address6-mask=64 pcq-total-limit=2000  
add kind=pcq name="5m down" pcq-burst-rate=0 pcq-burst-threshold=0 pcq-burst-time=10s pcq-  
classifier=dst-address pcq-dst-address-mask=32 pcq-dst-address6-mask=64 pcq-limit=50 pcq-rate=5M \  
pcq-src-address-mask=32 pcq-src-address6-mask=64 pcq-total-limit=2000  
add kind=pcq name="5m up" pcq-burst-rate=0 pcq-burst-threshold=0 pcq-burst-time=10s pcq-  
classifier=src-address pcq-dst-address-mask=32 pcq-dst-address6-mask=64 pcq-limit=50 pcq-rate=512k \  
pcq-src-address-mask=32 pcq-src-address6-mask=64 pcq-total-limit=2000
```

2.- se debera hacer el registro en el queue tree:

```
/queue tree  
add burst-limit=0 burst-threshold=0 burst-time=0s disabled=no limit-at=0 max-limit=0 name="7m  
down" packet-mark=7mb parent=global priority=2 queue="7m down"  
add burst-limit=0 burst-threshold=0 burst-time=0s disabled=no limit-at=0 max-limit=0 name="7m up"  
packet-mark=7mb parent=global priority=2 queue="7m up"  
  
add burst-limit=0 burst-threshold=0 burst-time=0s disabled=no limit-at=0 max-limit=0 name="5m  
down" packet-mark=5mb parent=global priority=2 queue="5m down"  
add burst-limit=0 burst-threshold=0 burst-time=0s disabled=no limit-at=0 max-limit=0 name="5m up"  
packet-mark=5mb parent=global priority=2 queue="5m up"
```

y listo con esto optimizo tu marcado ahorrando cpu y mejorando el procesamiento de datos

y como se que esto te ayudara muchisimo dale unos me gusta =)

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