Manual:Trial user limits

From MikroTik Wiki

Contents

Trial user bandwidth limitations

Starting with RouterOS v6.34rc12 additional options for hotspot trial user bandwidth limitation are now added. The trial user now have it's own entry in user table: "default-trial". Same as for standard user entry you can apply bandwidth limitations for it:

- Limit uptime (Used if trial-uptime-limit in server profile is set to "0")
- Limit Bytes in
- Limit Bytes out
- Limit Bytes total

If only this one default-trial user entry is there. Then limits applied in it will be used for all of hotspot servers on this device. However if you have multiple hotspot servers running on the device and you want different trial user limits for each of them. Then what you need to do is to create individual user named "default-trial" each assigned to required server.

One additional field that is allowed for modification on this user is:

- Routes

> **Note:** Rest of the fields default-trial user entry are read only and are not modifiable.

Configuration examples

Two "default-trial" users added in addition with one that is already added by system, which stays unmodified and dormant.

Static entries which you added will contain combined stats from all dynamically created trial users under them. And each dynamic user entry will only contain it own stats by mac-address to which it is assigned.

	Server	Name	...	MA...	Profile	Uptime	Bytes In	Packets In	Bytes Out	Packets Out
	;;; counters and limits for trial users									
	all	default-trial			default	00:00:00	0 B	0	0 B	0
	all	test			default	00:00:00	0 B	0	0 B	0
	;;; counters and limits for trial users									
	hotspot1.lan	default-trial			default	00:02:59	138.7 MiB	168 686	195.1 MiB	187 216
D	hotspot1.lan	T-E8:50:8B:1C:95:7D		E8:...	default	00:02:30	137.8 MiB	150 786	148.3 MiB	154 342
	;;; counters and limits for trial users									
	hotspot2.lan	default-trial			default	00:00:36	46.0 MiB	49 958	49.4 MiB	48 374
D	hotspot2.lan	T-E8:50:8B:1C:95:7D		E8:...	default	00:00:36	46.0 MiB	49 958	49.4 MiB	48 374

6 items

> **Note:** You can also type in limit values as "10M", "100M", etc.

Example in cli

```
/ip hotspot user
add comment="counters and limits for trial users" limit-bytes-total=100000000 name=default-trial server=hotspot2.lan
add comment="counters and limits for trial users" limit-bytes-total=300000000 name=default-trial server=hotspot1.lan
```

```
[admin@LOW-hotspot] > /ip hotspot user print detail
Flags: * - default, X - disabled, D - dynamic
 0 * ;;; counters and limits for trial users
     name="default-trial" limit-bytes-total=500000 uptime=0s bytes-in=0 bytes-out=0 packets-in=0 packets-out=0

 1   name="test" password="test" profile=default uptime=0s bytes-in=0 bytes-out=0 packets-in=0 packets-out=0

 2   ;;; counters and limits for trial users
     server=hotspot2.lan name="default-trial" password="" profile=default limit-bytes-total=100000000 uptime=36s
     bytes-in=48198739 bytes-out=51814030 packets-in=49958 packets-out=48374

 3   ;;; counters and limits for trial users
     server=hotspot1.lan name="default-trial" password="" profile=default limit-bytes-total=300000000 uptime=2m59s
     bytes-in=145477719 bytes-out=204557092 packets-in=168686 packets-out=187216

 4 D server=hotspot2.lan name="T-E8:50:8B:1C:95:7D" password="" mac-address=E8:50:8B:1C:95:7D profile=default limit-up
     limit-bytes-total=100000000 uptime=36s bytes-in=48198739 bytes-out=51814030 packets-in=49958 packets-out=48374

 5 D server=hotspot1.lan name="T-E8:50:8B:1C:95:7D" password="" mac-address=E8:50:8B:1C:95:7D profile=default limit-up
     limit-bytes-total=300000000 uptime=2m30s bytes-in=144501472 bytes-out=155509849 packets-in=150786 packets-out=1543
```
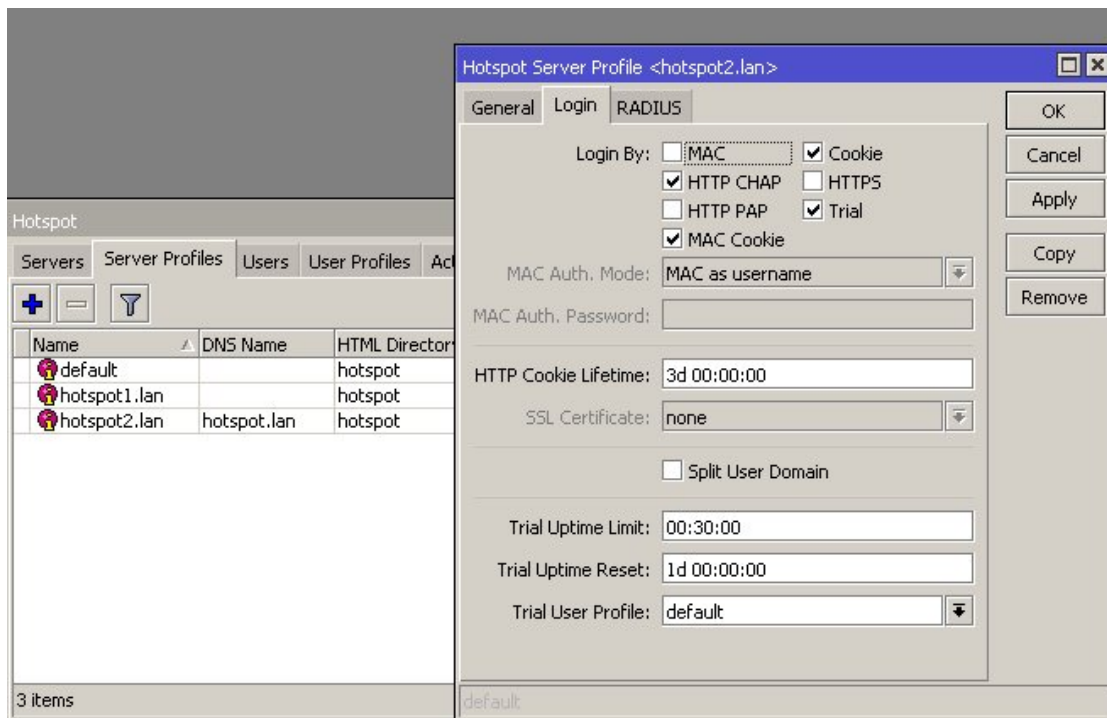
Side notes

such settings for trial user as:

- Trial uptime limit
- Trial uptime reset
- Trial user profile

You still configure in each of specific hotspot server profile entries under which you will be using this trial profile.

Example in cli

```
/ip hotspot profile set (number or profile-name) trial-uptime-limit=00:30:00 trial-uptime-reset=1d trial-user-profile=c
```

[Top | Back to Content]

Categories: Manual | Hotspot | IP | Examples

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