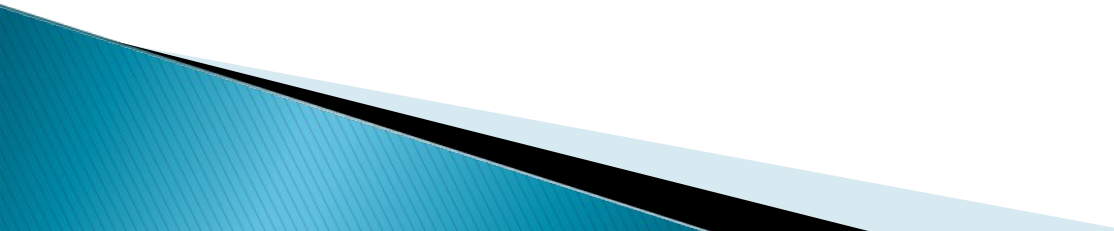


Implementasi Mikrotik Di Bali16 Hotspot

By : Trang Wisesa Wardhani

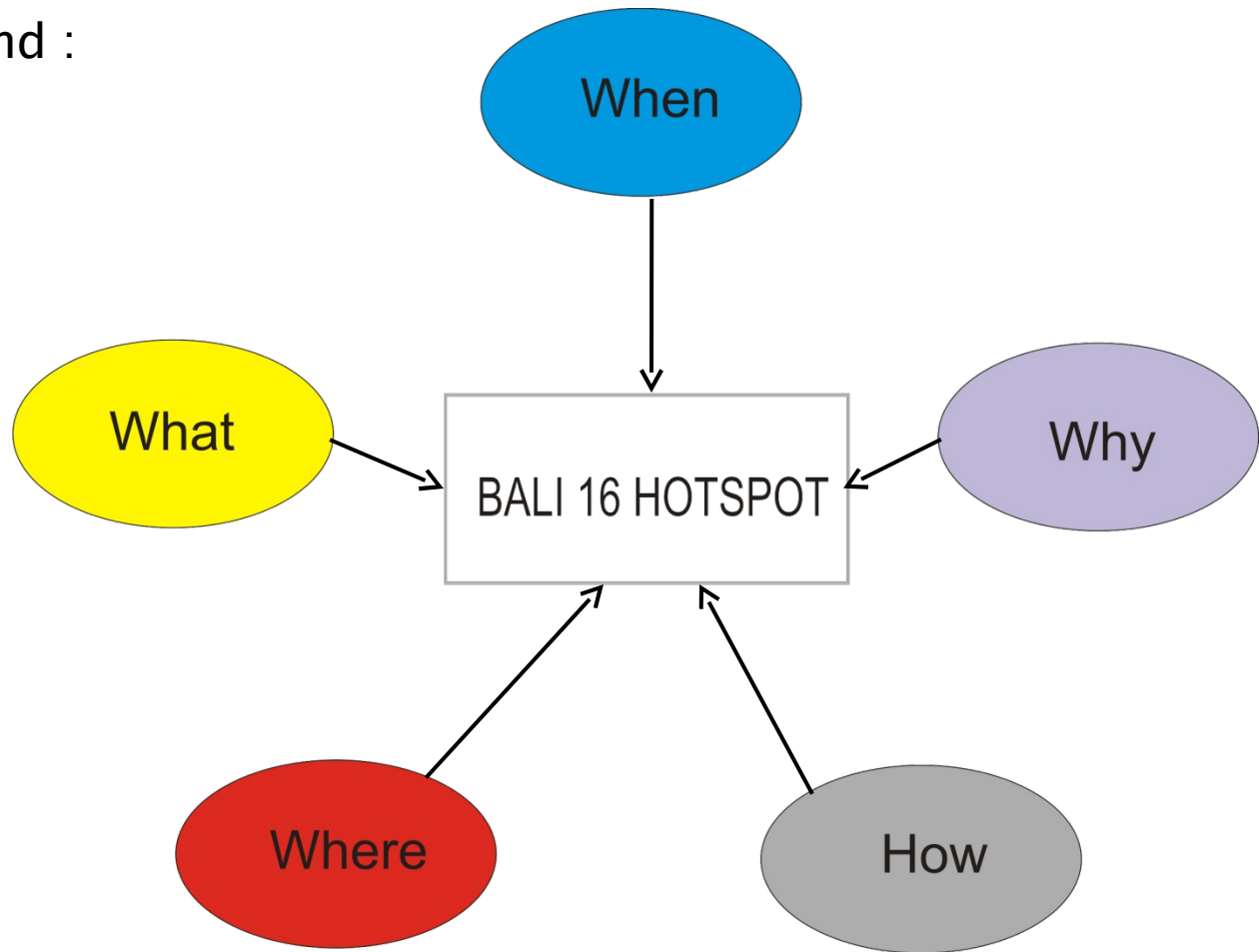


Introduction

- ▶ Name : Trang Wisesa Wardhani
 - ▶ S1 – STMIK AMIKOM Yogyakarta
 - ▶ Using Mikrotik since December 2012
 - ▶ Certificate : not yet ...
- 

Bali 16 Hotspot

- Background :



Mikrotik Devices



RB 450 G



RB 751U-2HnD



RB 433 UAH



RB 1100 AH



RB 411 UAH

And Many More...

Topic

User Manager



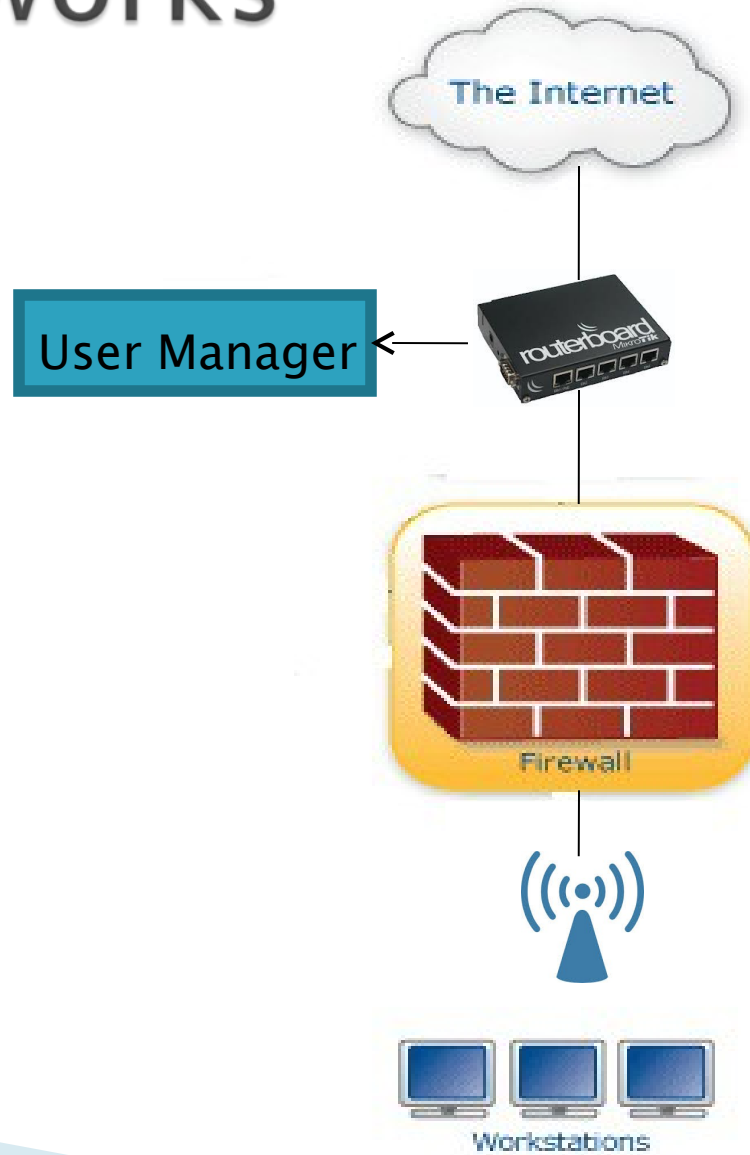
User Manager

User manager is a management system that can be used for:

- ▶ Hotspot users
- ▶ PPP (PPtP/PPPoE) users
- ▶ DHCP Users
- ▶ Wireless Users
- ▶ RouterOS Users
- ▶ User Manager is a RADIUS server application.

In RouterOS version 4 User Manager test package was introduced, having major functionality and interface changes.

How it works



Users

MikroTik	Add	Edit	Generate									
Mikrotik User Manager	1	2	3	4	...	66	page 1 of 66					
Routers	<input type="checkbox"/>	▽ Uptime Used	▽ Start time	▽ Uptime Limit	▽ Username	▽ Actual profile	▽ Till time	▽ Total time left	▽ Time left	▽ Last used IP	▽ Last used MAC	▽ End time
Users	<input type="checkbox"/>		Not set	5h	nux2tz	5jam	Unknown	3d	Unknown	0.0.0.0		Unknown
Sessions	<input type="checkbox"/>	1h	Not set	Unlimited	r289mk		Unknown			192.168.254.6	00:1E:65:2A:E5:84	Not set
Customers	<input type="checkbox"/>		Not set	3h	rmxj6u	3jam	Unknown	1d	Unknown	0.0.0.0		Unknown
Logs	<input type="checkbox"/>		Not set	10h	5udbfj	10jam	Unknown	3d	Unknown	0.0.0.0		Unknown
Payments	<input type="checkbox"/>	8h2m12s	Not set	Unlimited	qnmmbmb		Unknown			192.168.255.26	90:00:4E:90:0B:95	Not set
Profiles	<input type="checkbox"/>		Not set	1h	na44mr	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
Settings	<input type="checkbox"/>		Not set	1h	3m6qn7	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
Reports	<input type="checkbox"/>		Not set	1h	c8c9ky	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
3 A sessions	<input type="checkbox"/>		Not set	1h	667d35	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
3 A users	<input type="checkbox"/>		Not set	1h	t7zsry	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
Advanced search	<input type="checkbox"/>		Not set	1h	dmmjwi	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
Maintenance	<input type="checkbox"/>		Not set	1h	mqrtmm	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
Logout	<input type="checkbox"/>		Not set	1h	pc9i4v	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
	<input type="checkbox"/>		Not set	1h	f8fk5f	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
	<input type="checkbox"/>		Not set	1h	bzxkgp	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
	<input type="checkbox"/>		Not set	1h	we7z3r	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
	<input type="checkbox"/>		Not set	1h	7phygn	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
	<input type="checkbox"/>		Not set	Unlimited	xec25u		Not set			0.0.0.0		Not set
	<input type="checkbox"/>		Not set	1h	4e6ag9	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown
	<input type="checkbox"/>		Not set	1h	4szwp7	1 jam	Unknown	1d	Unknown	0.0.0.0		Unknown

Sessions

MikroTik User Manager	Edit
	<input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="3"/> <input type="text" value="4"/> ... <input type="text" value="156"/> page 1 of 156
Routers	
Users	
Sessions	
Customers	
Logs	
Payments	
Profiles	
Settings	
Reports	
3 A sessions	
3 A users	
Advanced search	
Maintenance	
Logout	

<input type="checkbox"/>	▼ Username	▼ Status	▼ User IP	▼ From time	▼ Till time	▼ Uptime	▼ Download	▼ Upload	▼ Calling station ID
<input type="checkbox"/>	qnmbmb	Start & Stop & Interim	192.168.255.23	06/23/2013 20:18:14	06/23/2013 20:33:19	15m5s	12.4 MiB	989.2 KiB	90:4C:E5:3A:24:9F
<input type="checkbox"/>	qnmbmb	Start & Stop & Interim	192.168.255.23	06/23/2013 20:34:58	06/23/2013 20:38:41	3m44s	8.2 MiB	825.8 KiB	90:4C:E5:3A:24:9F
<input type="checkbox"/>	qnmbmb	Start & Stop & Interim	192.168.255.23	06/23/2013 20:44:24	06/23/2013 20:53:51	9m26s	3.4 MiB	557.4 KiB	90:4C:E5:3A:24:9F
<input type="checkbox"/>	qnmbmb	Start & Stop & Interim	192.168.255.26	06/23/2013 20:56:44	06/23/2013 21:32:31	35m47s	59.4 MiB	1478.7 KiB	90:00:4E:90:0B:95
<input type="checkbox"/>	qnmbmb	Start & Stop & Interim	192.168.255.23	06/24/2013 09:04:45	06/24/2013 10:20:18	1h15m33s	57.9 MiB	7.8 MiB	90:4C:E5:3A:24:9F
<input type="checkbox"/>	qnmbmb	Start & Stop & Interim	192.168.255.25	06/24/2013 22:54:39	06/24/2013 23:26:47	32m7s	1980.0 KiB	671.4 KiB	1C:69:A5:4F:70:71
<input type="checkbox"/>	qnmbmb	Start & Stop & Interim	192.168.255.25	06/25/2013 05:59:31	06/25/2013 06:13:47	14m17s	4.5 MiB	527.9 KiB	1C:69:A5:4F:70:71
<input type="checkbox"/>	qnmbmb	Start & Stop & Interim	192.168.255.23	06/25/2013 08:53:42	06/25/2013 10:26:20	1h32m37s	63.5 MiB	10.0 MiB	90:4C:E5:3A:24:9F
<input type="checkbox"/>	qnmbmb	Start & Stop & Interim	192.168.255.26	06/25/2013 16:08:46	06/25/2013 16:38:36	29m49s	20.5 MiB	2.2 MiB	90:00:4E:90:0B:95
<input type="checkbox"/>	qnmbmb	Start & Stop & Interim	192.168.255.26	06/25/2013 20:54:44	06/25/2013 23:33:33	2h38m49s	227.6 MiB	15.7 MiB	90:00:4E:90:0B:95
<input type="checkbox"/>	qnmbmb	Start & Stop & Interim	192.168.255.26	06/25/2013 23:39:27	06/25/2013 23:41:39	2m11s	2046.1 KiB	159.7 KiB	90:00:4E:90:0B:95
<input type="checkbox"/>	qnmbmb	Start & Stop & Interim	192.168.255.26	06/26/2013 19:36:17	06/26/2013 19:49:03	12m47s	31.6 MiB	2.9 MiB	90:00:4E:90:0B:95
<input type="checkbox"/>	r289mk	Start & Stop & Interim	192.168.254.6	06/29/2013 19:00:00	06/29/2013 20:00:00	1h	21.1 MiB	2.3 MiB	00:1E:65:2A:E5:84
<input type="checkbox"/>	vbzuae	Start & Stop & Interim	192.168.254.30	07/29/2013 10:24:30	07/29/2013 12:02:09	1h37m39s	30.2 MiB	3.5 MiB	64:70:02:15:17:BD
<input type="checkbox"/>	vbzuae	Start & Stop & Interim	192.168.254.25	07/29/2013 12:03:55	07/29/2013 12:40:00	36m5s	132.9 MiB	5.1 MiB	44:6D:57:DC:CB:14
<input type="checkbox"/>	vbzuae	Start & Stop & Interim	192.168.254.25	07/29/2013 14:20:56	07/29/2013 15:00:10	39m14s	36.3 MiB	1289.7 KiB	44:6D:57:DC:CB:14
<input type="checkbox"/>	vbzuae	Start & Stop & Interim	192.168.254.30	07/29/2013 17:09:19	07/29/2013 19:12:38	2h3m19s	58.1 MiB	8.0 MiB	64:70:02:15:17:BD
<input type="checkbox"/>	iz9pn4	Start & Stop & Interim	192.168.254.23	07/30/2013 22:16:59	07/30/2013 23:39:00	1h22m1s	390.4 MiB	14.2 MiB	5C:AC:4C:3C:A6:7F
<input type="checkbox"/>	iz9pn4	Start & Stop & Interim	192.168.254.23	07/31/2013 04:08:56	07/31/2013 05:03:29	54m33s	41.4 MiB	2.7 MiB	5C:AC:4C:3C:A6:7F
<input type="checkbox"/>	iz9pn4	Start & Stop & Interim	192.168.254.28	07/31/2013 05:05:08	07/31/2013 05:44:32	39m24s	2.6 MiB	1001.5 KiB	34:B8:1F:10:9A:23

Per page [20]

Logs

Edit						
1	2	3	4	...	200	page 1 of 200
<input type="checkbox"/>	▼ Status	▼ Username	▼ User IP	▼ Host IP	▼ Time	▼ Calling station ID
<input type="checkbox"/>	Authorization failure	9jq76x	192.168.254.249	127.0.0.1	01/01/2002 09:40:39	00:26:22:A4:65:EC
<input type="checkbox"/>	Authorization success	3tpnwk	192.168.254.249	127.0.0.1	01/01/2002 09:41:09	00:26:22:A4:65:EC
<input type="checkbox"/>	Authorization success	afdbzq	192.168.254.249	127.0.0.1	01/01/2002 09:43:40	00:26:22:A4:65:EC
<input type="checkbox"/>	Authorization failure	wh5ran	192.168.254.249	127.0.0.1	01/01/2002 09:45:47	00:26:22:A4:65:EC
<input type="checkbox"/>	Authorization success	3tpnwk	192.168.254.249	127.0.0.1	01/01/2002 10:47:02	00:26:22:A4:65:EC
<input type="checkbox"/>	Authorization failure	a	172.16.0.16	127.0.0.1	03/14/2013 06:35:23	00:26:22:A4:65:EC
<input type="checkbox"/>	Authorization failure	gvdc5y	192.168.254.4	127.0.0.1	03/14/2013 11:22:49	28:CC:01:6B:DA:E7
<input type="checkbox"/>	Authorization failure	92e4jz	192.168.254.18	127.0.0.1	03/14/2013 22:00:57	E8:39:DF:C6:22:E7
<input type="checkbox"/>	Authorization failure	92e4jz	192.168.254.18	127.0.0.1	03/14/2013 22:01:46	E8:39:DF:C6:22:E7
<input type="checkbox"/>	Authorization failure	92e4jz	192.168.254.18	127.0.0.1	03/14/2013 22:03:58	E8:39:DF:C6:22:E7
<input type="checkbox"/>	Authorization failure	ABCDEFGF	192.168.255.21	127.0.0.1	03/15/2013 21:27:04	C0:F8:DA:1C:12:57
<input type="checkbox"/>	Authorization failure	vwf24f	192.168.254.27	127.0.0.1	03/17/2013 23:00:18	5C:AC:4C:3C:A6:7F
<input type="checkbox"/>	Authorization failure	w5gq8q	192.168.254.22	127.0.0.1	03/18/2013 15:11:47	94:DB:C9:42:15:1F
<input type="checkbox"/>	Authorization failure	w5gq8q	192.168.254.22	127.0.0.1	03/18/2013 15:12:14	94:DB:C9:42:15:1F
<input type="checkbox"/>	Authorization failure	rpp44st	192.168.254.21	127.0.0.1	03/18/2013 19:55:49	20:54:76:93:3D:DD
<input type="checkbox"/>	Authorization failure	rpp44st	192.168.254.21	127.0.0.1	03/18/2013 19:56:39	20:54:76:93:3D:DD
<input type="checkbox"/>	Authorization failure	q64nqc	192.168.255.17	127.0.0.1	03/20/2013 13:25:11	74:E5:43:08:AE:67
<input type="checkbox"/>	Authorization failure	tape2a	192.168.255.18	127.0.0.1	03/20/2013 17:33:41	0C:DF:A4:40:62:A3
<input type="checkbox"/>	Authorization failure	9nngagc	192.168.255.12	127.0.0.1	03/24/2013 15:24:14	B0:C4:E7:40:14:26
<input type="checkbox"/>	Authorization failure	jtnwj4	192.168.255.27	127.0.0.1	03/24/2013 15:32:44	1C:65:9D:67:A7:16

Profiles

MikroTik
Mikrotik User Manager

Routers

Users

Sessions

Customers

Logs

Payments

Profiles

Settings

Reports

3 A sessions

3 A users

Advanced search

Maintenance

Logout

Profiles

Limitations

Profile: 10jam

Name: 10jam

Name for users:

Owner: toro

Validity: 3d

Starts: At first logon

Price:

Shared users: not used

Save profile

Remove profile

Profile limitations

<input type="checkbox"/>	Active	Constraints
<input type="checkbox"/>	Always	Uptime Limit: 10h Rate limits: 0/0 0/0 0/0 0/0 8

Add new limitation

Remove selected limitations

Settings

MikroTik
Mikrotik User Manager

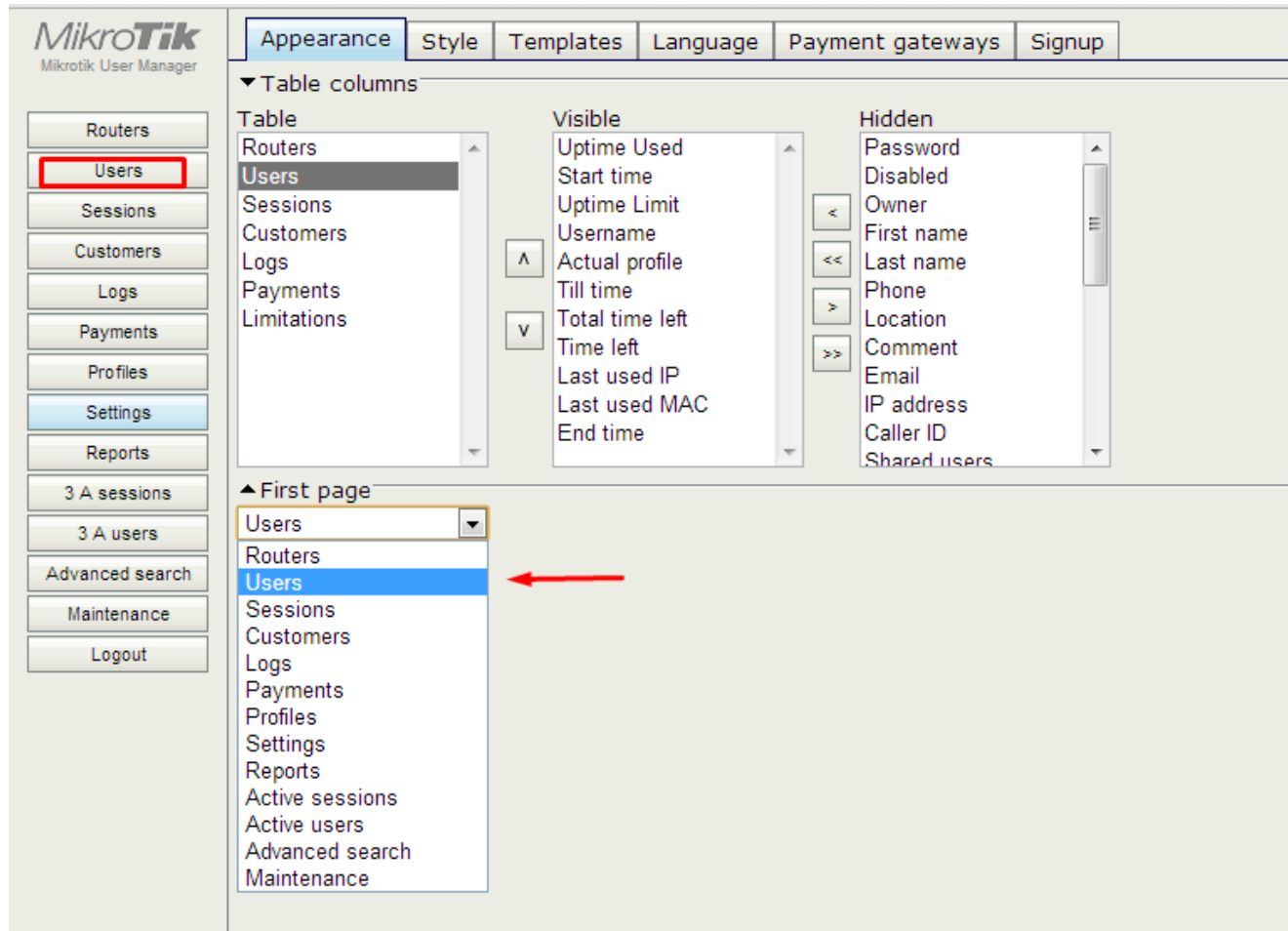
Appearance | Style | Templates | Language | Payment gateways | Signup

▼ Table columns

Table	Visible	Hidden
Routers	Uptime Used	Password
Users	Start time	Disabled
Sessions	Uptime Limit	Owner
Customers	Username	First name
Logs	Actual profile	Last name
Payments	Till time	Phone
Limitations	Total time left	Location
	Time left	Comment
	Last used IP	Email
	Last used MAC	IP address
	End time	Caller ID
		Shared users

▲ First page

Users
Routers
Users
Sessions
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Active users
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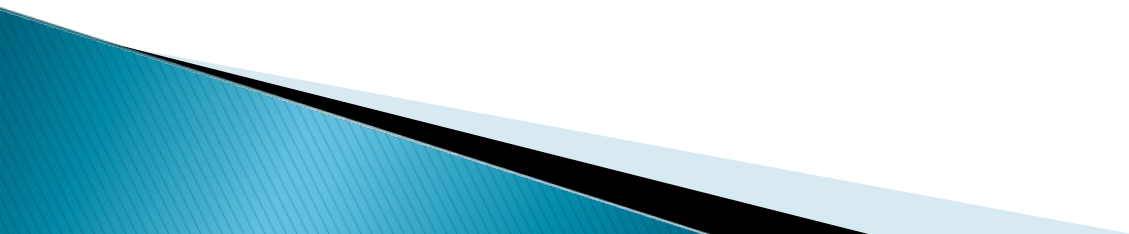


Advanced Search

MikroTik
Mikrotik User Manager

Look for

Demo



Terima Kasih

