

routing the world with



NEW UserManager v.5

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Forum MikroTik Indonesia (FMI)

www.forummikrotik.com



MikroTik User Meeting in Indonesia
Jakarta, April 9-10, 2011

Prolog

- Lulus dari Jurusan Ekonomi Manajemen Internasional tahun 2005 nyasar ke IT jadi buat lamar kerjaan IT susah ☺
- Berkenalan dengan MikroTik tahun 2007 dengan MikroTik ROS 2.9x untuk warnet kecil milik sendiri.
- Baru ada 2 sertifikasi MikroTik, MTCNA & MTCWE pengen punya yang lainnya juga ☺ ada yang berminat sponsorin?
- Administrator Forum MikroTik Indonesia sejak 2009.
- Technology Services Engineer di PT. Auto Jaya Idetech dan PT. Solusi Periferal (AutoID, Mobile Computing & Wireless Office)

User Manager....?

- Salah satu dari sekian banyak fitur MikroTik yang digunakan untuk mengelola “user”/“pengguna” sesuai namanya.
- User Manager menyediakan hampir semua fitur RADIUS dan beberapa fitur yang spesifik untuk Router OS.
- Mendukung penggunaan AAA untuk HotSpot, PPP, DHCP, Wireless dan login RouterOS.

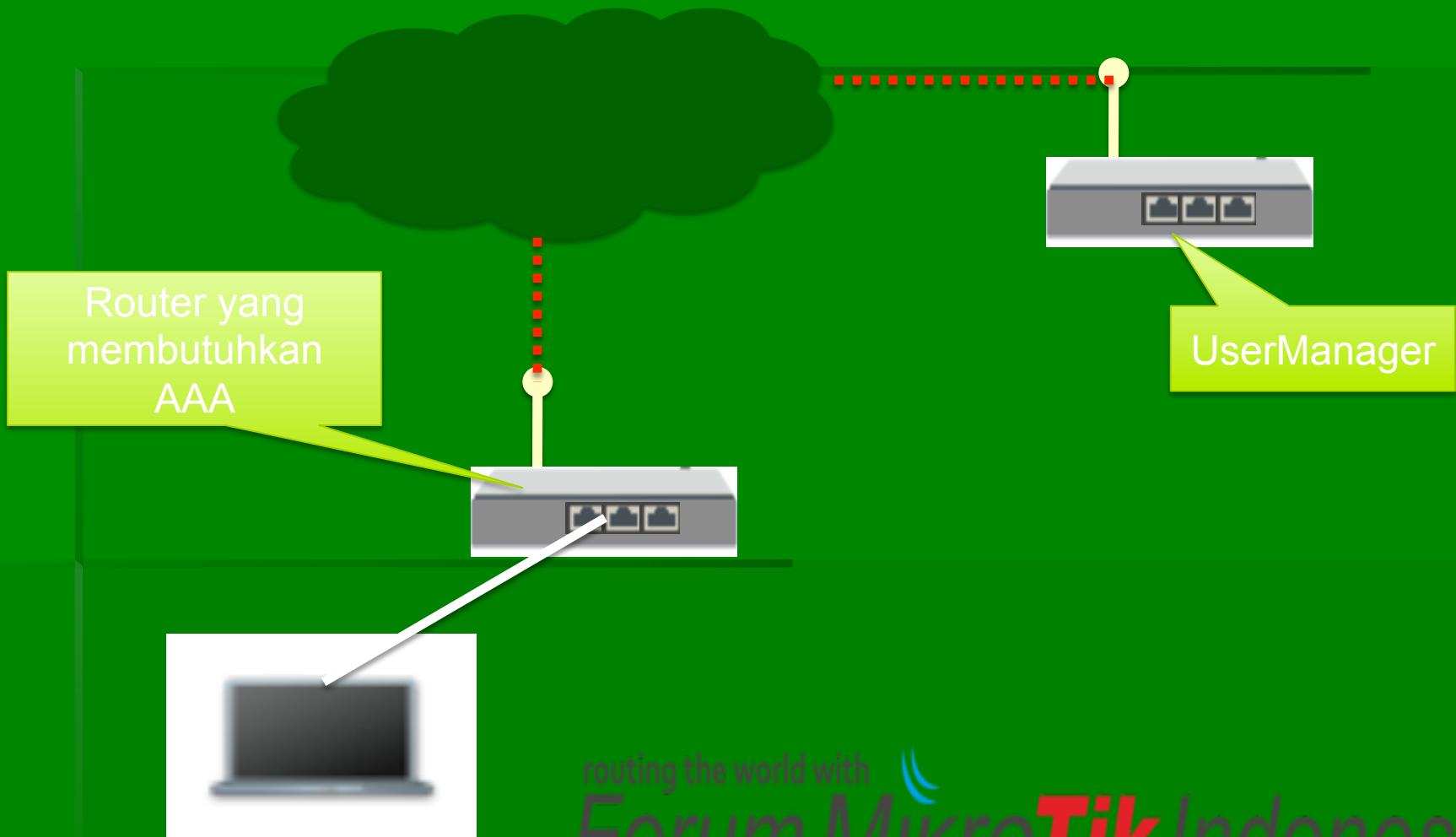
Keuntungan UserMan..

- Mudah dalam instalasi
- Konfigurasi melalui Web Interface
- Tidak membutuhkan server tambahan
- Mengelola tidak perlu masuk secara detail ke MikroTik.
- FREE

Software

- RouterOS v3, v4 atau v5
- RouterOS v5 mendukung penggunaan fitur baru dari User manager.
- Batasan lisensi
 - Level 3 – 10 user max concurrent
 - Level 4 – 20 user max concurrent
 - Level 5 – 50 user max concurrent
 - Level 6 – unlimited

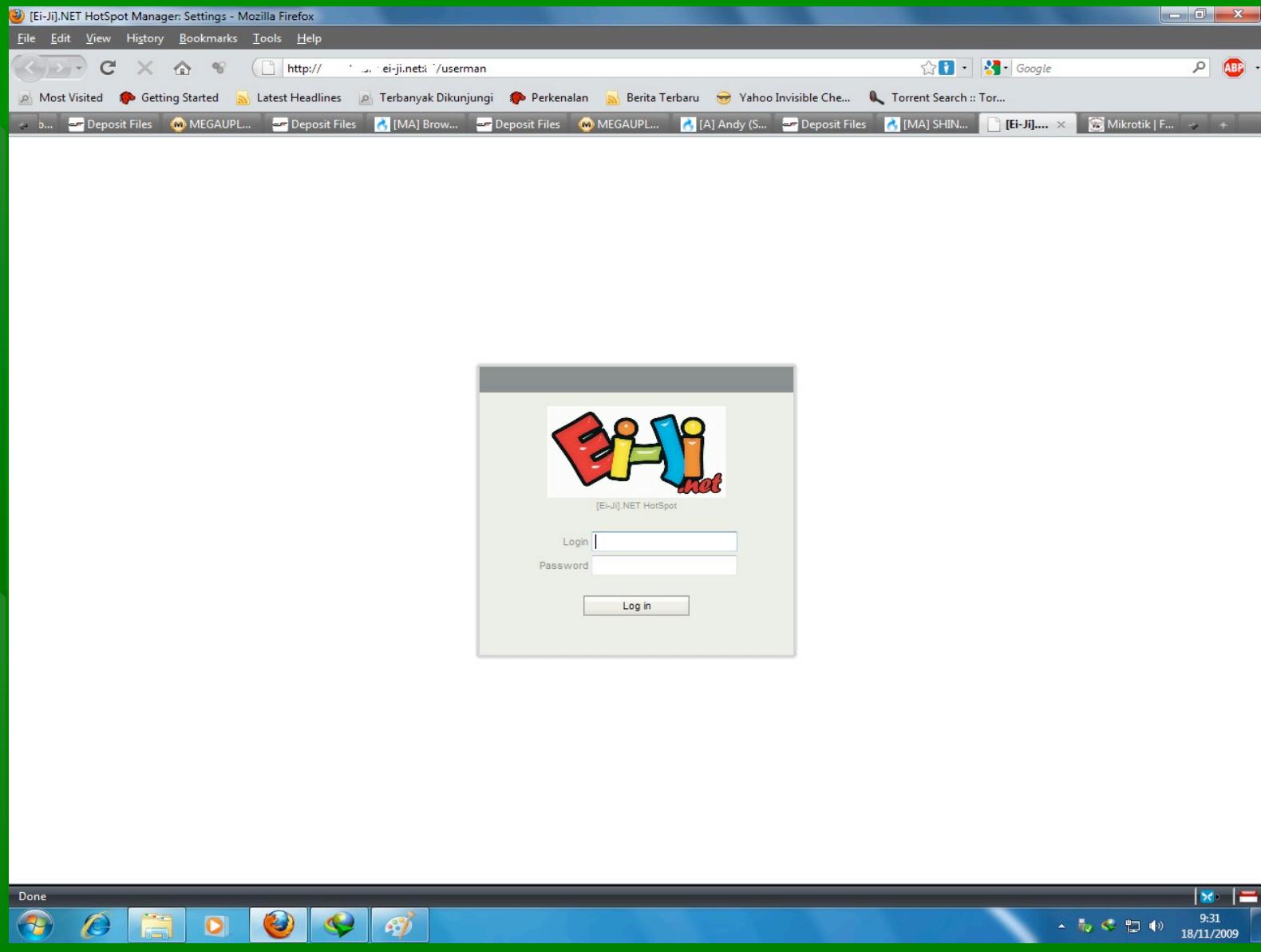
Contoh Konfigurasi



Setup.

- Instalasi
 - Drag & Drop ke Winbox
 - Kirim via FTP
 - Jangan lupa di reboot
- Ketikan alamat router anda di browser seperti contohnya <http://192.168.88.1/userman>
- Login default User Manager adalah admin dan password “kosong” (jangan di-isi kosong).

Login...



Setting..

[Ei-Ji].NET HotSpot Manager: Settings - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http:// ...ei-ji.net: /userman

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Ei-Ji .NET HotSpot

Routers
Users
Sessions
Customers
Logs
Payments
Profiles
Settings
0 A sessions
0 A users
Advanced search
Maintenance
Logout

Appearance Style Templates Language Payment gateways

Table columns

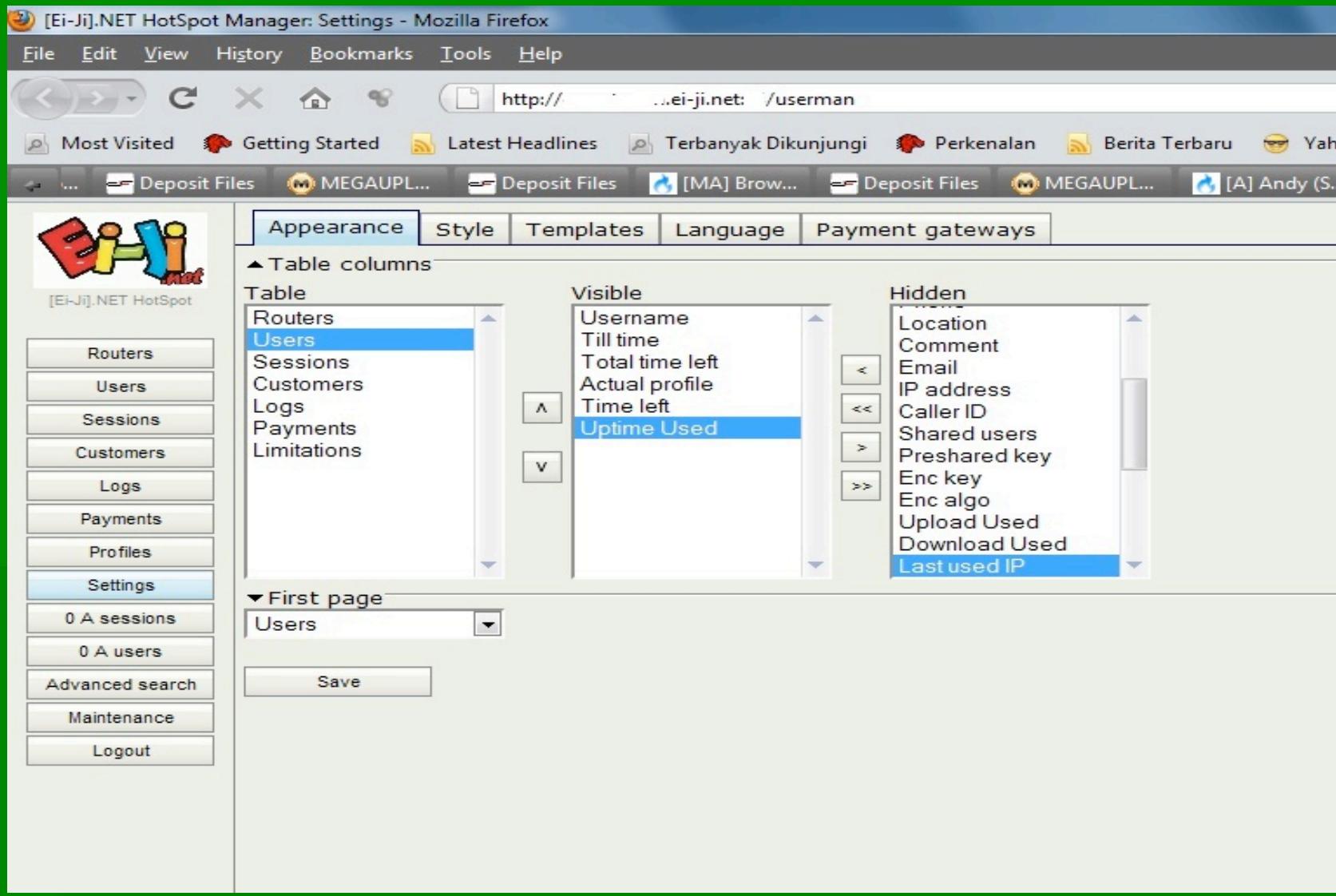
Table

Visible	Hidden
Username	Location
Till time	Comment
Total time left	Email
Actual profile	IP address
Time left	Caller ID
Uptime Used	Shared users
	Preshared key
	Enc key
	Enc algo
	Upload Used
	Download Used
	Last used IP

First page

Users

Save



Routers

MikroTik
Mikrotik User Manager

Add Edit

New

Router details

Main

Name: MyRouter

Owner: admin

IP address: 172.16.87.132

Shared secret: mysecret

Time zone: Parent time zone

Disabled:

Authorization success

Authorization failure

Accounting success

Accounting failure

Radius incoming

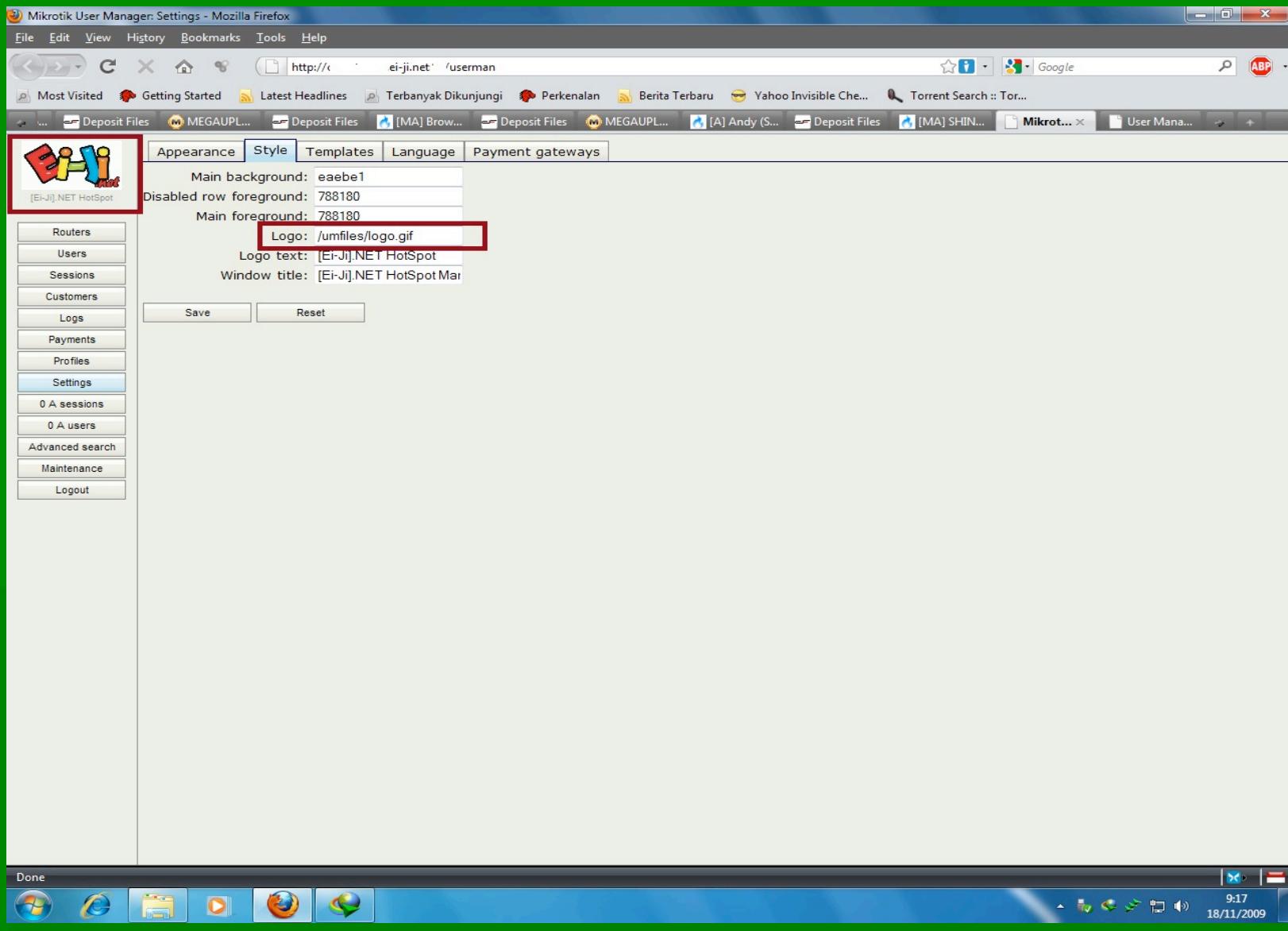
CoA support: Use CoA

CoA port: 1700

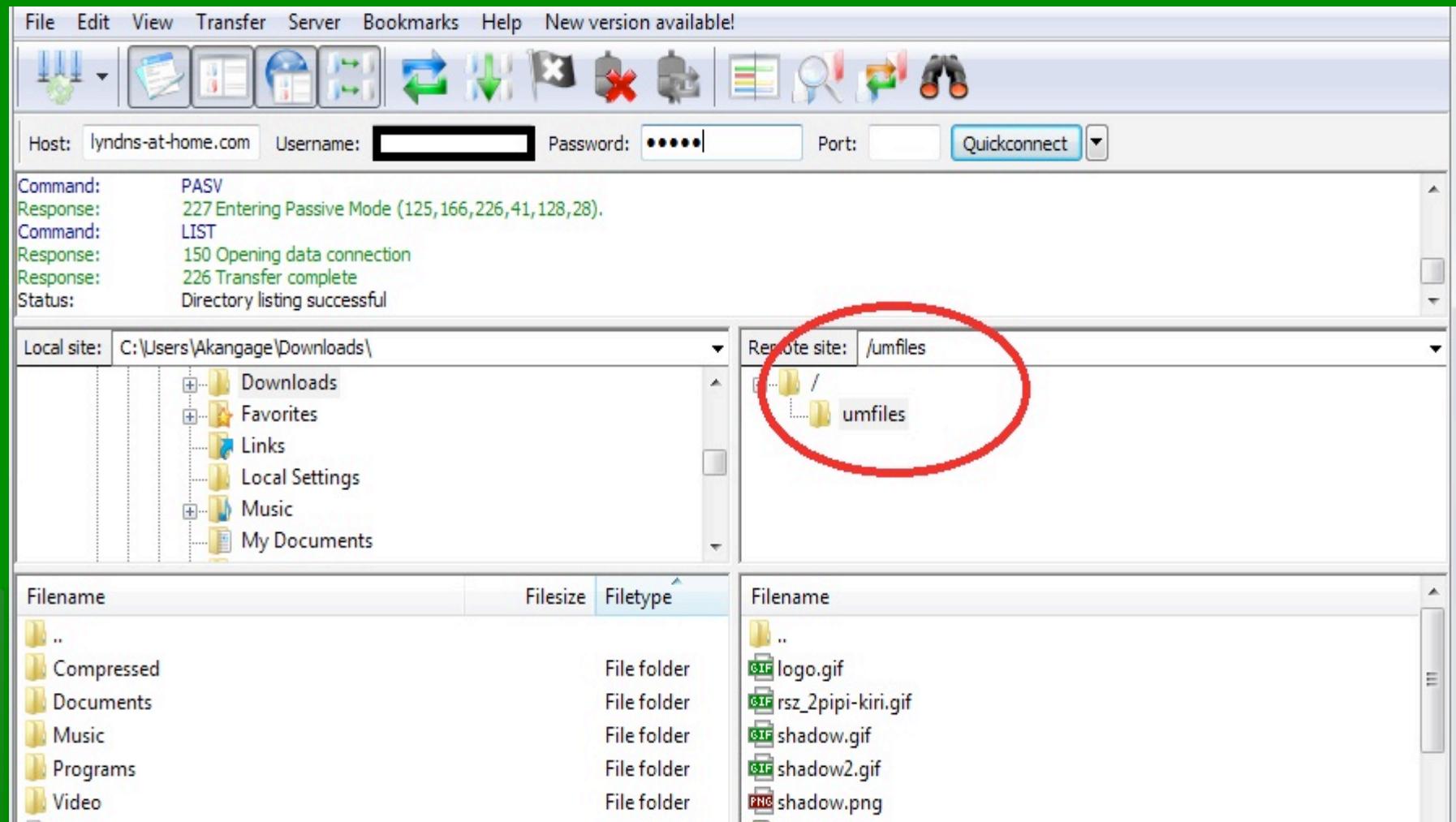
Add

The screenshot shows the MikroTik User Manager interface with a green header and sidebar. The sidebar on the left has tabs for Routers (which is selected and highlighted in blue), Users, Sessions, Customers, Logs, and Payments. A modal window titled 'Router details' is open in the center. The 'Main' tab is selected, displaying fields for Name (MyRouter), Owner (admin), IP address (172.16.87.132), Shared secret (mysecret), Time zone (Parent time zone), and Disabled status (unchecked). Below the main tab, the 'Radius incoming' tab is partially visible, showing 'CoA support' checked and 'CoA port' set to 1700. At the bottom right of the modal is a large 'Add' button.

Setting Logo.



Setting Logo..



Independent Profile

- Sebelum User Manager v4 dan v5 profile user masih ikut di “ip > hotspot > user profile”
- Sedangkan di v4 dan v5 profile bisa di buat terpisah tanpa perlu set di “ip > hotspot > user”
- Menu profile di bagi menjadi 2, yaitu
 - Limitation – Ketentuan mengenai batasan profile
 - Profle – Bisa di sebut grup, mana yang bisa tanpa batas dan yang mana dengan batasan.

Create Profile

UserMan v3

Name	Session Time...	Idle Timeout	Shared U...	Ra...
Tes	none	1		
default	none	1		

MikroTik User Manager

Profiles Limitations

Profile: unlimited

Name: unlimited

Name for users:

Owner: admin

Validity:

Starts: At first logon

Price: 0.00

UserMan v4 & V5

<input checked="" type="checkbox"/>	▼ Name	▼ Download	▼ Upload	▼ Transfer
.				

UserManager Profile..

[Ei-Ji].NET HotSpot Manager: Profiles - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://...ei-ji.net/~userman

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[MA] Rainb... Deposit Files MEGAUL... Deposit Files [MA] Brow... Deposit Files MEGAUL... [A] Andy (S... Deposit Files [MA] SHIN... [Ei-Ji]....

Profiles Limitations

Add Edit

Routers
Users
Sessions
Customers
Logs
Payments
Profiles
Settings
0 A sessions
0 A users
Advanced search
Maintenance
Logout

Name Download Upload Transfer Uptime

Main Name: Owner:
Limits Download: 0B Upload: 0B Transfer: 0B Uptime: 1w
Rate limits Rate limit: Rx 350K Tx 2M466K
Burst rate: Rx 450K Tx 2M552K
Burst threshold: Rx 400K Tx 2M542K
Burst time: Rx Tx
Min rate: Rx 300K Tx 2M152K
Priority: 1 - Highest

Per page [20]

Pembatasan berdasarkan rate-limit (1Kb = 1024b)

Save

Done

9:28 18/11/2009

UserManager Profile...

Profile part

▼ Period

Days: Sunday
 Monday
 Tuesday
 Wednesday
 Thursday
 Friday
 Saturday

Time: 0:00:00 - 23:59:59

▲ Limits

bw-256k

New limit Cancel Add

Profiles Limitations

Profile: bw-regular

Name: bw-regular

Name for users:

Owner: admin

Validity:

Starts: At first logon

Price: 0.00

Save profile Remove profile

Unlimited profile

Add new limitation

User Advance

- Pada bagian “user advance” kita bisa banyak melakukan konfigurasi tambahan.
- Pada UserMan v5 telah tersedia fitur wireless jika kita ingin menggunakan manajemen user melalui user manager.
- Fitur Wireless yang diberikan adalah “preshared key”, “enc key” dan “jenis enkripsinya”
- Membatasi “share user” yang akan melakukan authentifikasi ke dalam jaringan. Serta profile mana yang akan digunakan oleh user yang bersangkutan.

User Advanced...

User details

▼ Main

Username:

Password:

Disabled:

Owner: Operator

▲ Constraints

IP address: 0.0.0.0

Caller ID:

Shared users: 1

▲ Wireless

Preshared key:

Enc key:

Enc algo: None

▼ Private information

Assign profile: Paket-1 (1000 Rp)

Paket-1 (1000 Rp) (highlighted)

Paket 2 Jam (1000 Rp)

Member (1000 Rp)

User details

▼ Main

Username: regular

Password: regular

Disabled:

Owner: admin

▼ Constraints

▼ Wireless

▼ Private information

▲ All profiles

bw-regular: Active -

▼ Actual profile

+ bw-regular ↑

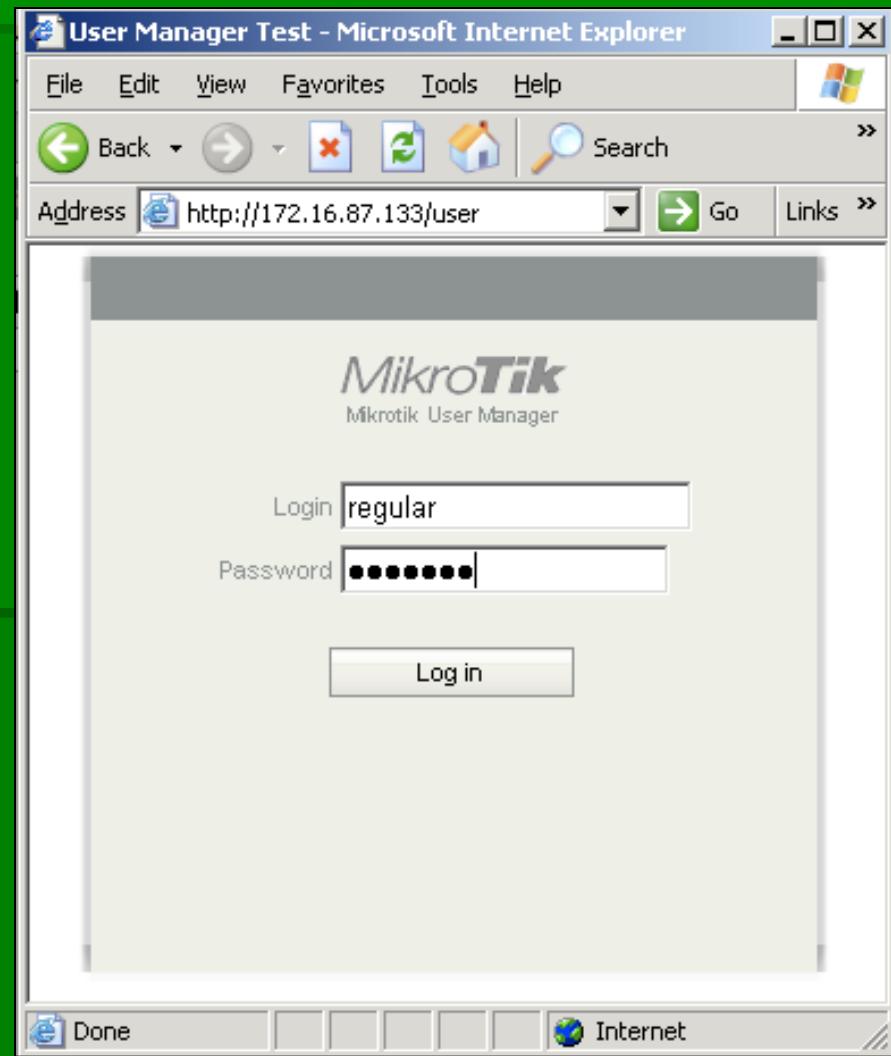
Show sessions Save

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User Access Information

- User (Pengguna hotspot/ppp/dll) dapat melihat dan memantau aktifitas akun mereka pada User Manager.



User Access Information..

Selamat Datang di Pringsewu Baturraden HotSpot

Sabtu, 09 April 2011
pringsewuresto.co.id

User ID: \$(username)

Password:

login

Tidak memiliki login dan password?
\$(if trial == 'yes')Anda dapat trial, silahkan [klik disini](#).\$(endif)
atau Anda juga dapat menggunakan voucher, untuk mendapatkan voucher hubungi kasir
atau gunakan fasilitas chat untuk berkomunikasi

Akangage
Sorry I missed you. Let's connect next time.

Nickn... Send

Y! MESSENGER Pingbox™

© 2010 Pringsewu Group, HotSpot Management System by
Akangage@DiGital Media Global Cyber Tech

User Access Information

The screenshot shows a Microsoft Internet Explorer window displaying the 'Mikrotik User Manager: Status' page. The title bar reads 'Mikrotik User Manager: Status - Microsoft Internet Explorer'. The menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar contains Back, Forward, Stop, Refresh, Home, Search, Favorites, Stop, Refresh, Home, and Mail icons. The address bar shows the URL 'http://172.16.87.133/user'. The main content area features the MikroTik logo and 'Mikrotik User Manager' text. On the left, there is a sidebar with 'Settings', 'Status' (which is selected and highlighted in blue), and 'Logout' buttons. The right side has a tab navigation bar with 'Summary' (selected), Profile, Sessions, and Payments. Below the tabs, various user statistics are listed:

Till time:	Unlimited
Time left:	0s
Money paid:	0.00
Money used:	0.00
Money left:	0.00
Uptime Used:	0:04:28
Download Used:	568.3 Kib
Upload Used:	54.4 Kib

User Access Information...

The screenshot shows a Microsoft Internet Explorer window displaying the 'MikroTik User Manager: Status' page. The title bar reads 'MikroTik User Manager: Status - Microsoft Internet Explorer'. The menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar contains standard icons for Back, Forward, Stop, Refresh, Home, Search, Favorites, and other utilities. The address bar shows the URL 'http://172.16.87.133/user'. Below the toolbar, there's a navigation menu with tabs: Summary, Profile (which is selected), Sessions, and Payments. On the left, a sidebar for 'MikroTik User Manager' lists 'Settings', 'Status' (which is highlighted in blue), and 'Logout'. The main content area displays the following information:
Actual profile (bw-regular)
Limitations
Speed limit: 256.0 Kib/s Download, 128.0 Kib/s Upload

User Access Information....

Mikrotik User Manager: Status - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Favorites Address http://172.16.87.133/user Go Links

MikroTik Mikrotik User Manager

Summary Profile Sessions Payments

Username	Status	User IP	From time	Till time	Uptime	Download
regular	Start & Stop	10.5.50.254	03/05/2011 19:41:20	03/05/2011 19:41:48	28s	28.6 Kib
regular	Start & Interim	10.5.50.254	03/05/2011 19:42:01	03/05/2011 19:46:02	4m	539.1 Kib

Voucher..

- User Manager juga bisa mencetak hasilnya dalam bentuk voucher.
- Untuk resources bisa mengunjungi link berikut
- <http://www.forummikrotik.com/dude-and-user-manager/1525-srcipt-html-project-hotspot-voucher.html>
- <http://www.forummikrotik.com/dude-and-user-manager/10426-share-cetak-voucher-hotspot-barcode.html>

Cetak Voucher

	Add	Edit	Generate	
			CSV File	
			Vouchers	
				r ▽ First name ▽ Last name
<input type="checkbox"/>	△ Passw			
<input checked="" type="checkbox"/>	vtug9yi7	admin		
<input checked="" type="checkbox"/>	vtf7t3wf	admin		
<input type="checkbox"/>	test	admin		
<input type="checkbox"/>	regular	admin		
.				

Vouchers

Break after:

Download as file

Cetak Voucher..

The screenshot shows a window titled "Vouchers". The window contains two distinct sections, each providing login details for a HotSpot connection.

Section 1:

- Prepaid time: **Unlimited**
- Login: **vtf7t3wf**
- After attempting to open a web page, you should enter this login information
- Login: **vtf7t3wf** (login name that you enter at the HotSpot login page)
- Password: **vtf7t3wf** (password that you enter at the HotSpot login page)

If you want to extend time, please contact reception

Section 2:

- Prepaid time: **Unlimited**
- Login: **vtug9yi7**
- After attempting to open a web page, you should enter this login information
- Login: **vtug9yi7** (login name that you enter at the HotSpot login page)
- Password: **vtug9yi7** (password that you enter at the HotSpot login page)

If you want to extend time, please contact reception

Menu Mantenis

MikroTik
Mikrotik User Manager

Routers
Users
Sessions
Customers
Logs
Payments
Profiles
Settings
Reports
1 A sessions
1 A users
Advanced search
Maintenance

Database

Database size: 75.0 Kib
In use: 100%
Last rebuild: 03/05/2011 19:13:38
Last backup: 03/05/2011 20:57:18
Last restore: Never
Free disk space: 946.8 Mib

▲ Database backups

File name	Main DB	Log DB	Languages
<input type="checkbox"/> User_Manager_2011_03_05_205718.tar	Yes	Yes	No

Download Load Delete

▼ Upload backup

▲ Actual data base

Save	Rebuild
------	---------

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Pertanyaan?

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- Silahkan kirim pertanyaan anda ke
Akangage@forummikrotik.com

- Bisa anda baca juga di alamat
<http://www.forummikrotik.com/tutorial/8474-usermanager-v4.html>

Thanks untoek :

Orion atas koneksi internetnya

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