The Solution for Managing Wireless Users with MikroTik RouterOS

Presented By Mohammad Javad Sabri

MikroTik MUM Dubai October 17, 2016

About me

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- Master of Science Computer engineering
- MikroTik Certified Consultant
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- **I Love MikroTik**

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- Configuration in User Manager
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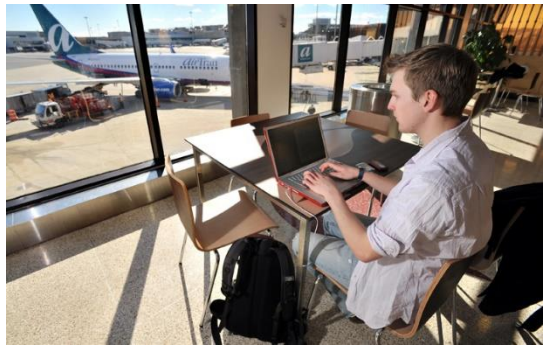
Applications

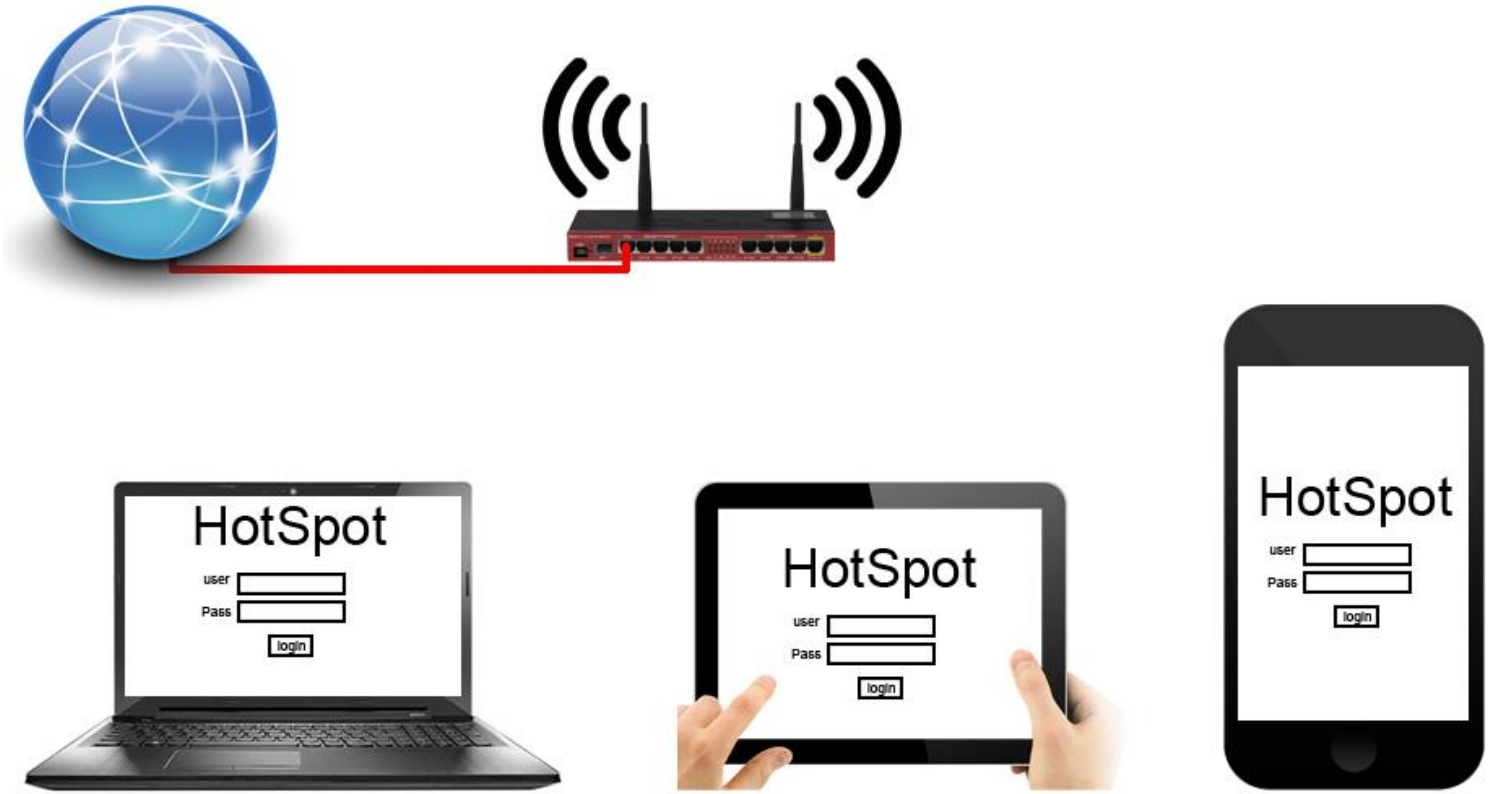
Hotel



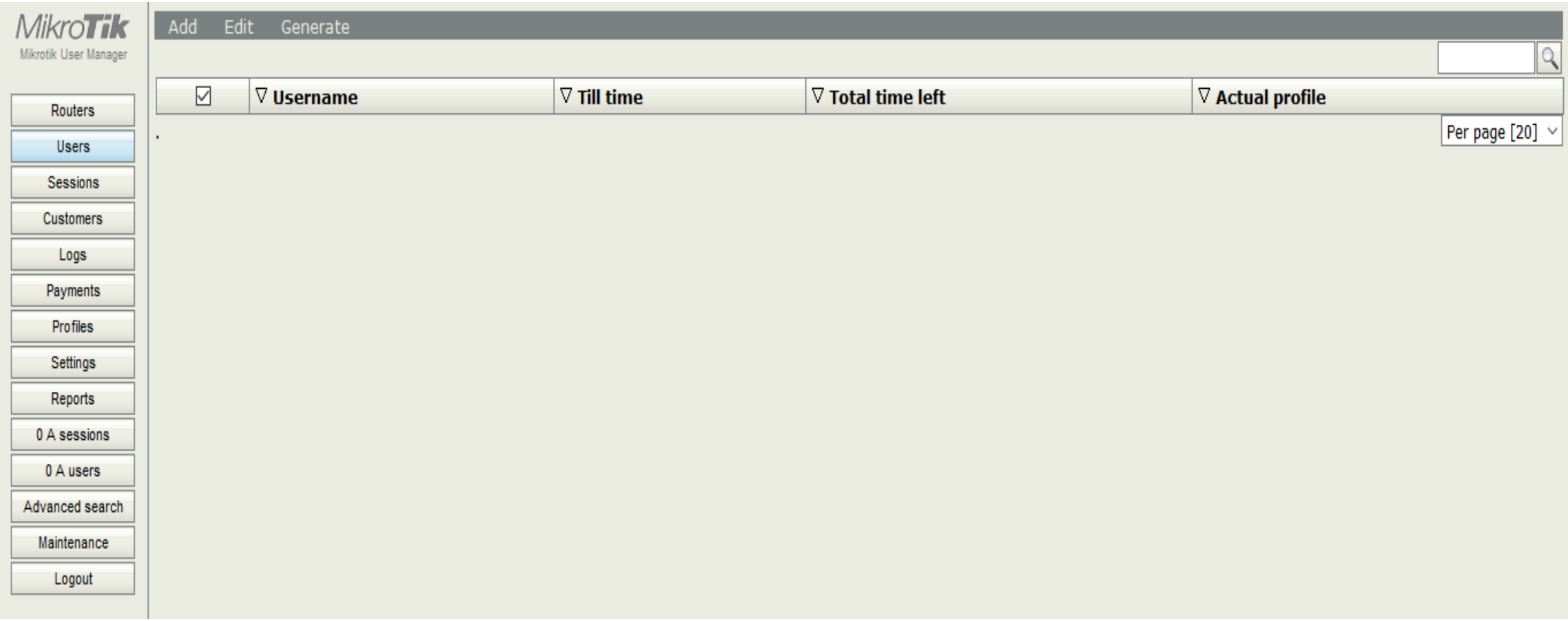
Airport

University

What is HotSpot ?

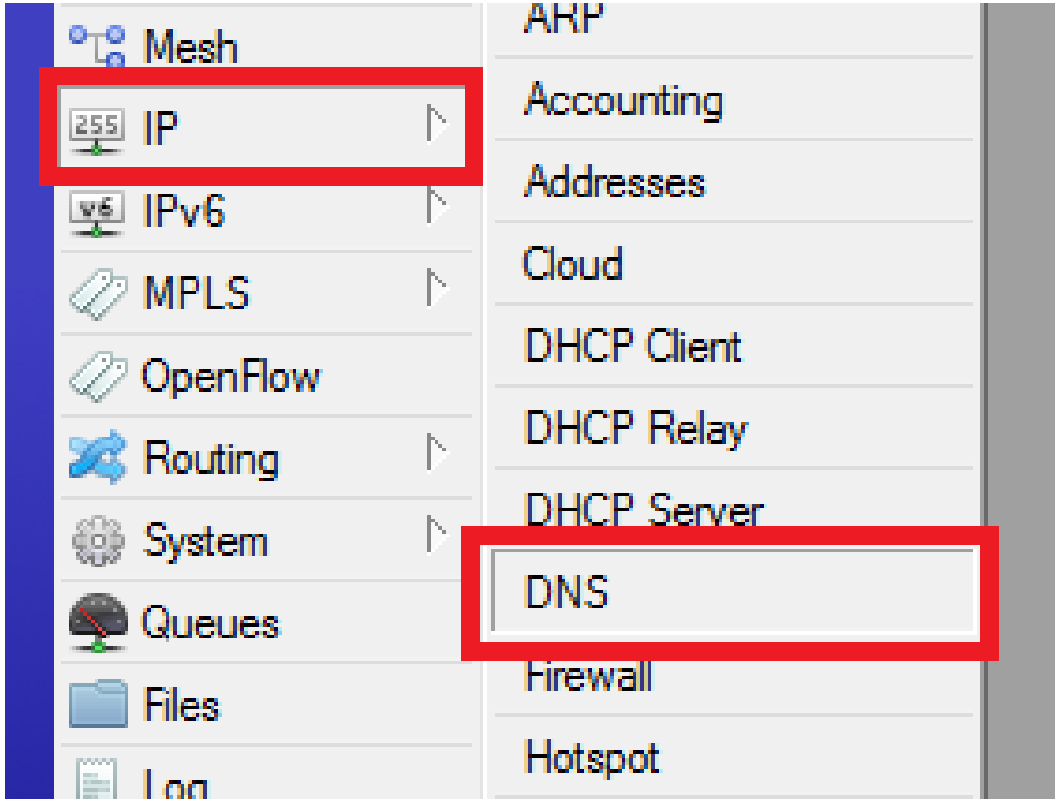


What is User Manager ?

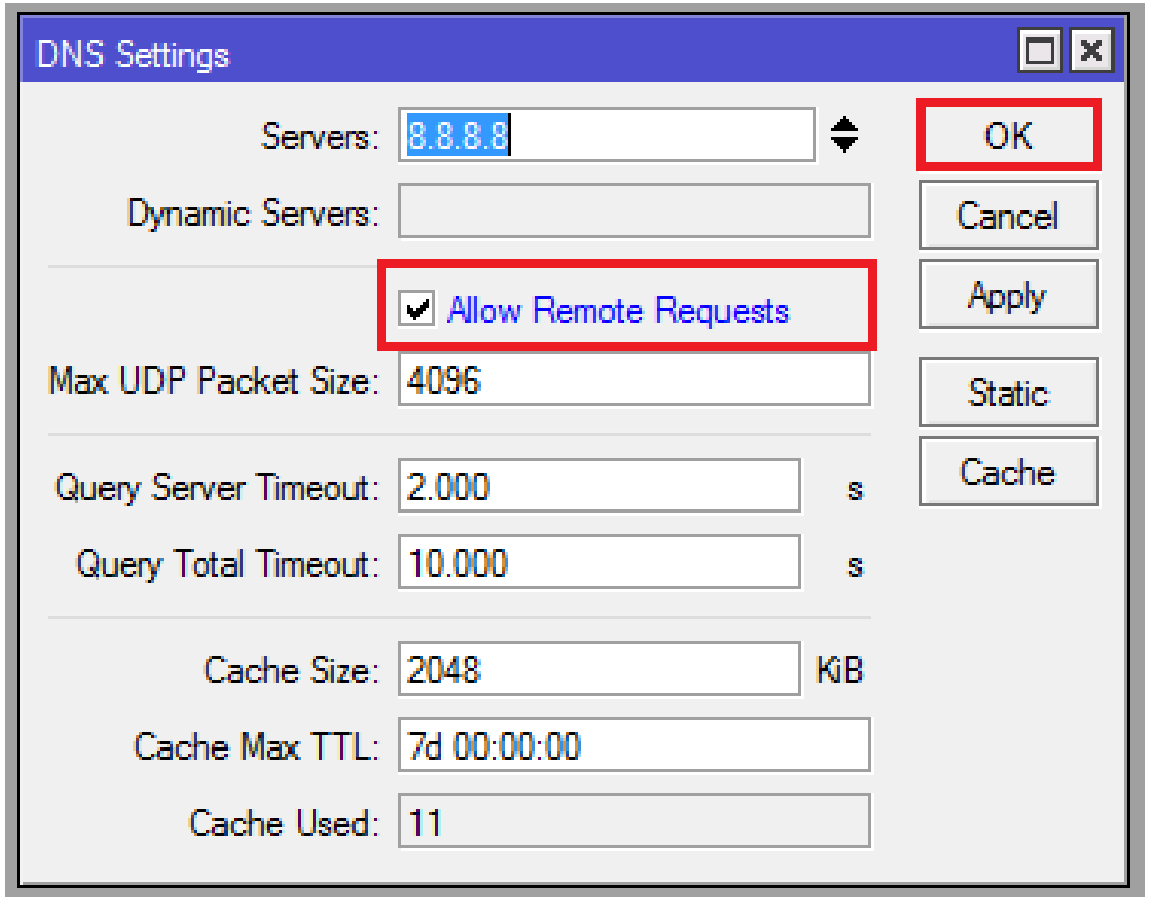


Getting start to Configuration Hotspot

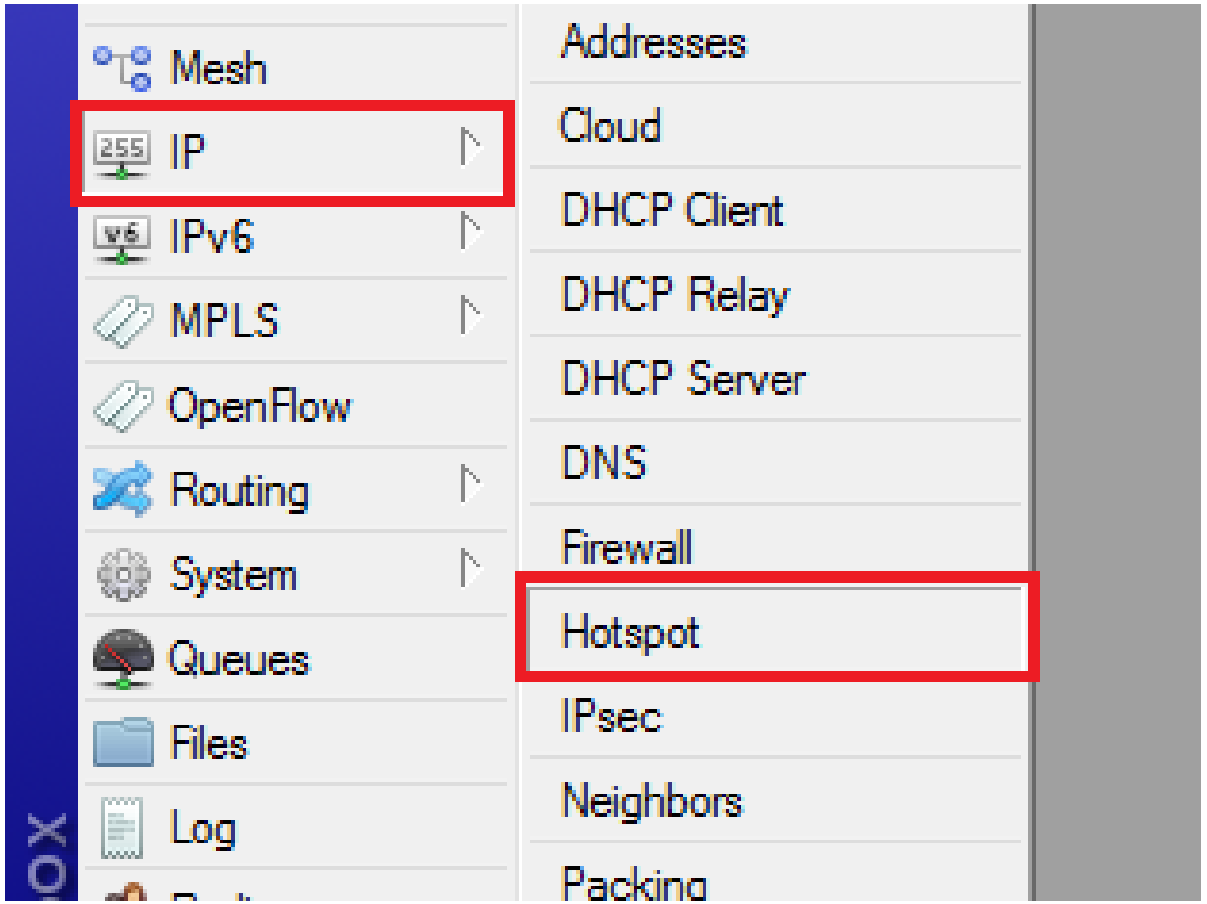
DNS


Mesh
IP
IPv6
MPLS
OpenFlow
Routing
System
Queues
Files
Log
ARP
Accounting
Addresses
Cloud
DHCP Client
DHCP Relay
DHCP Server
DNS
Firewall
Hotspot

DNS


DNS Settings
Servers:
8.8.8.8
Dynamic Servers:
Allow Remote Requests
Max UDP Packet Size:
4096
Query Server Timeout:
2.000
s
Query Total Timeout:
10.000
s
Cache Size:
2048
KiB
Cache Max TTL:
7d 00:00:00
Cache Used:
11
OK
Cancel
Apply
Static
Cache

HotSpot setup



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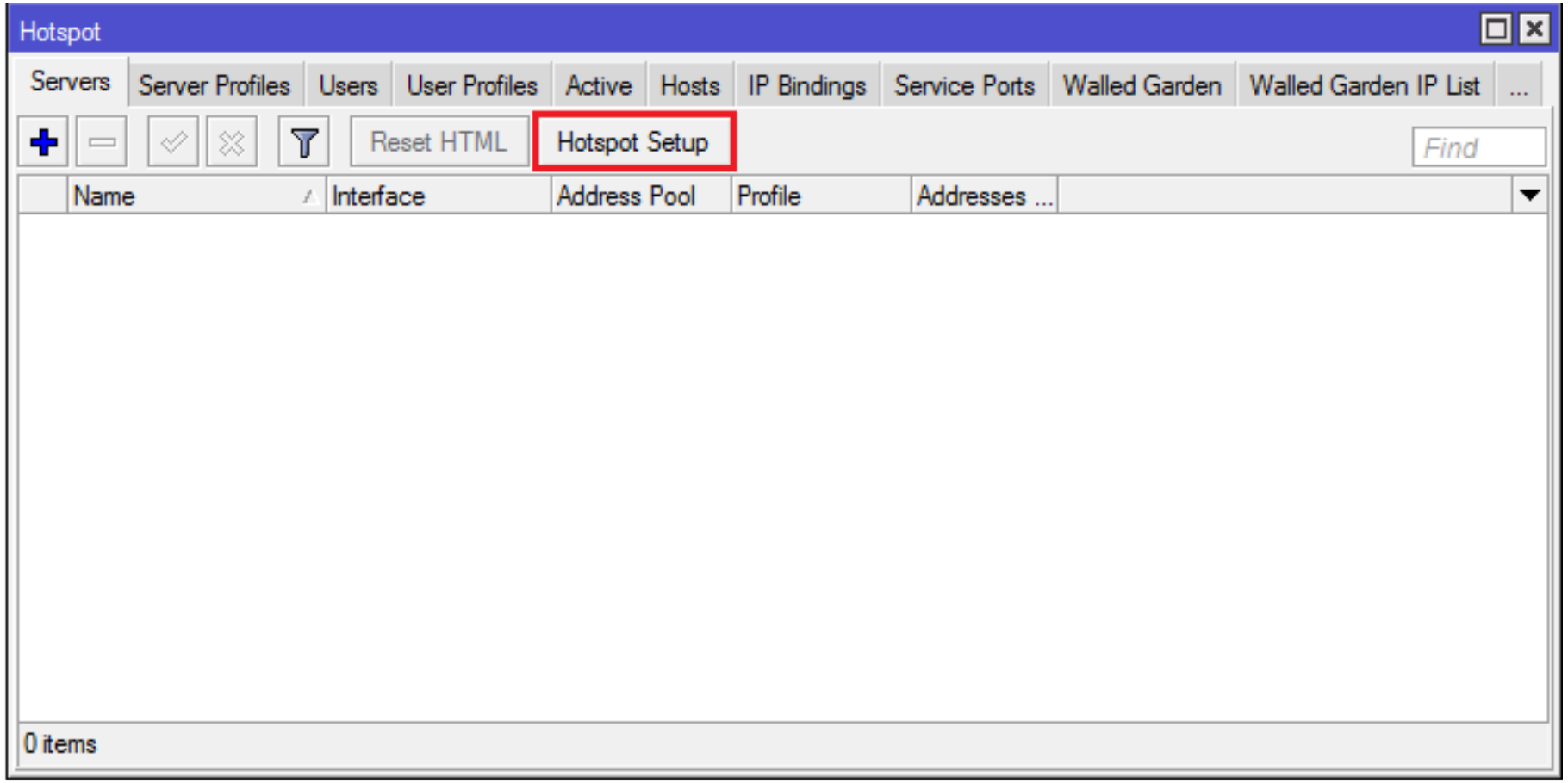

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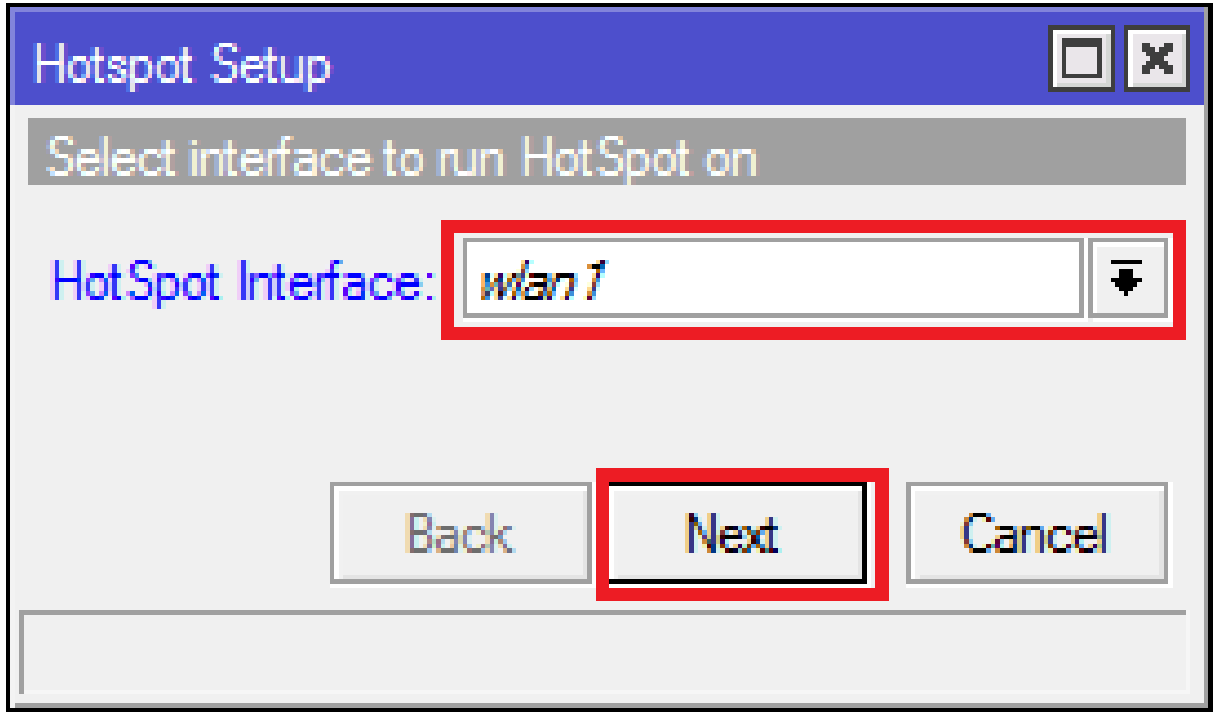

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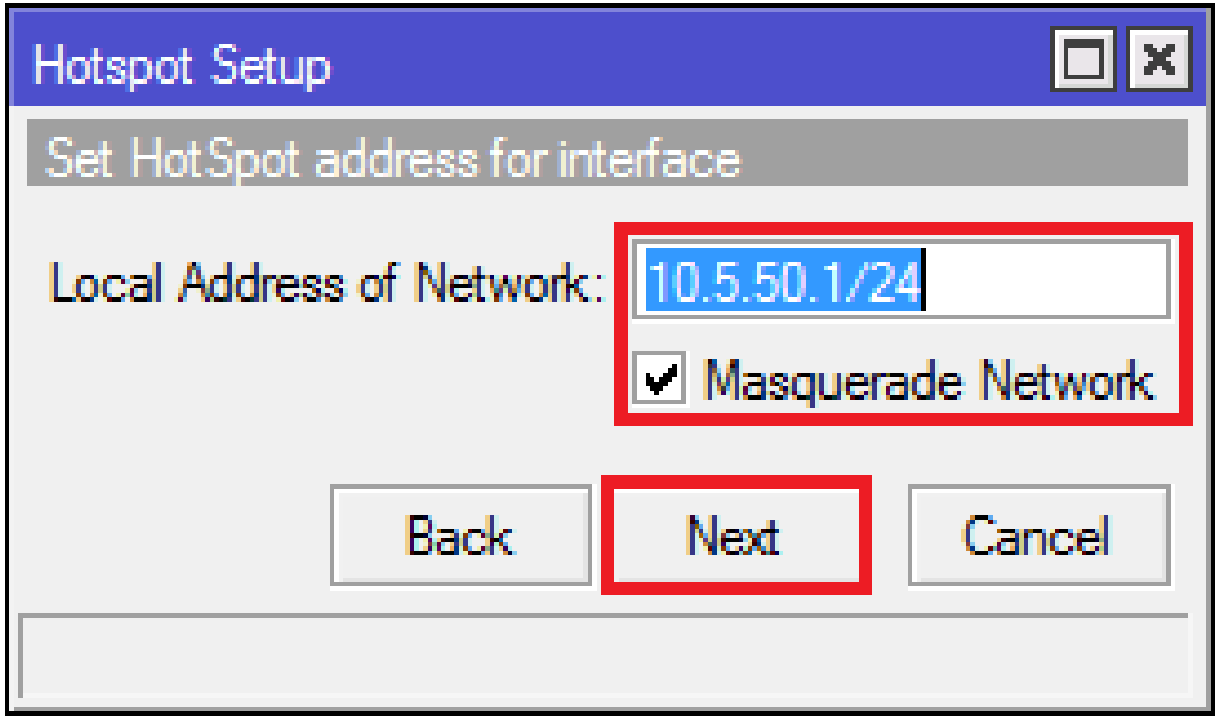

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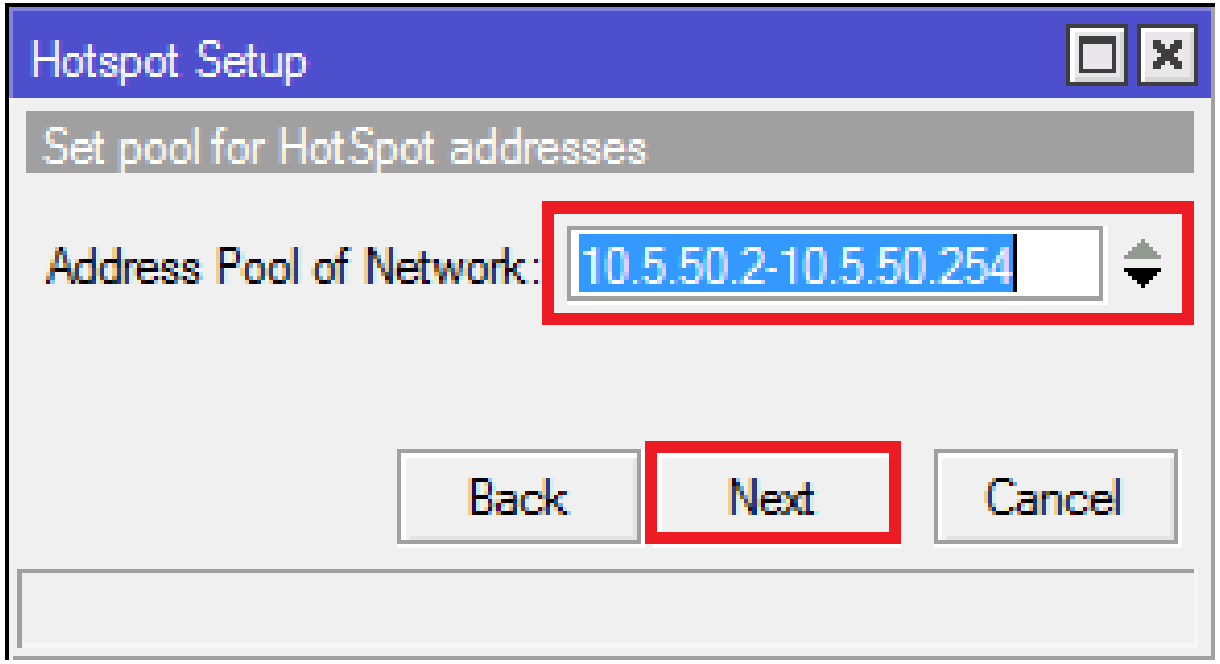

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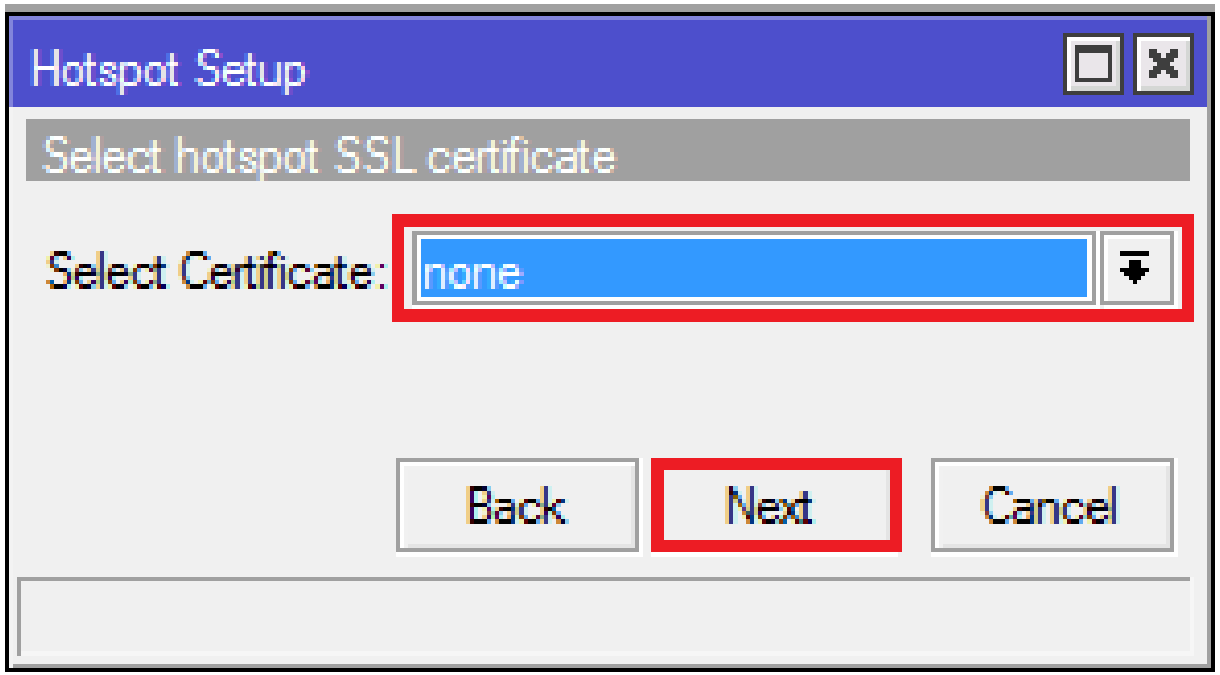

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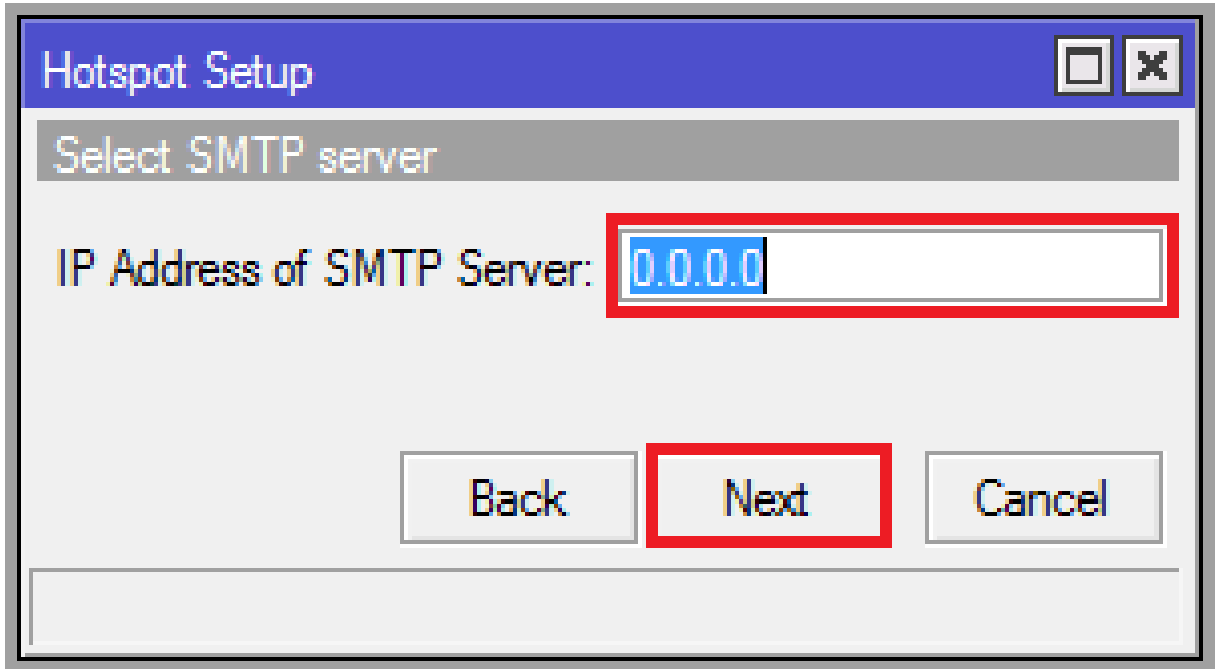

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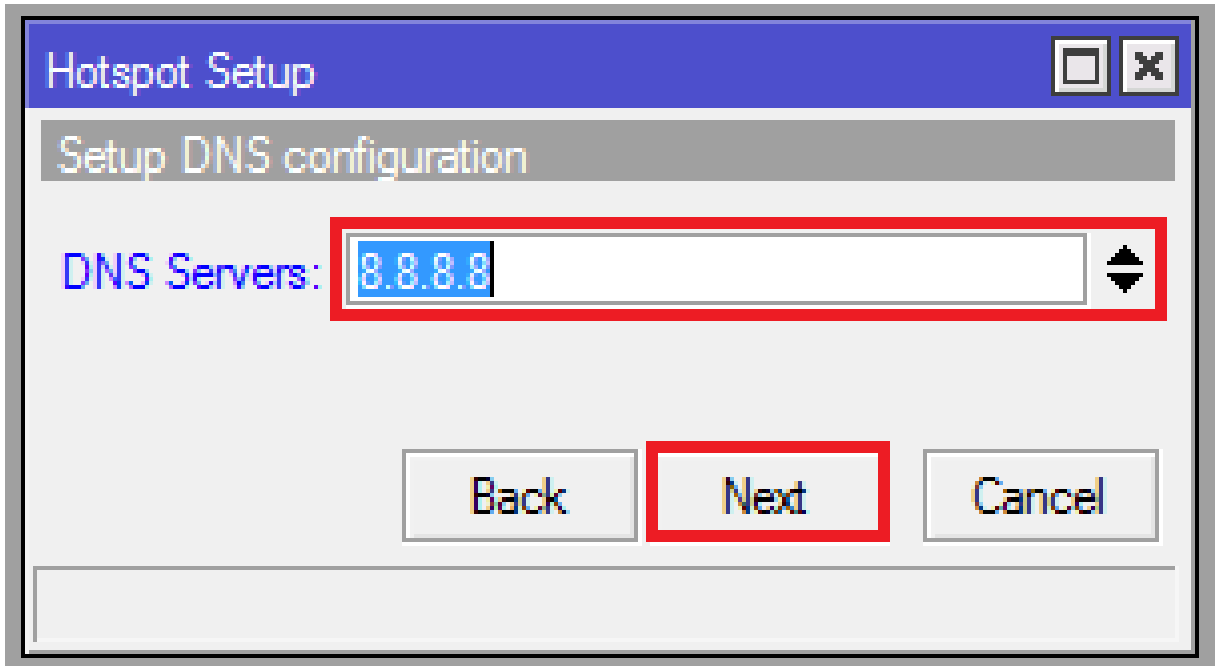

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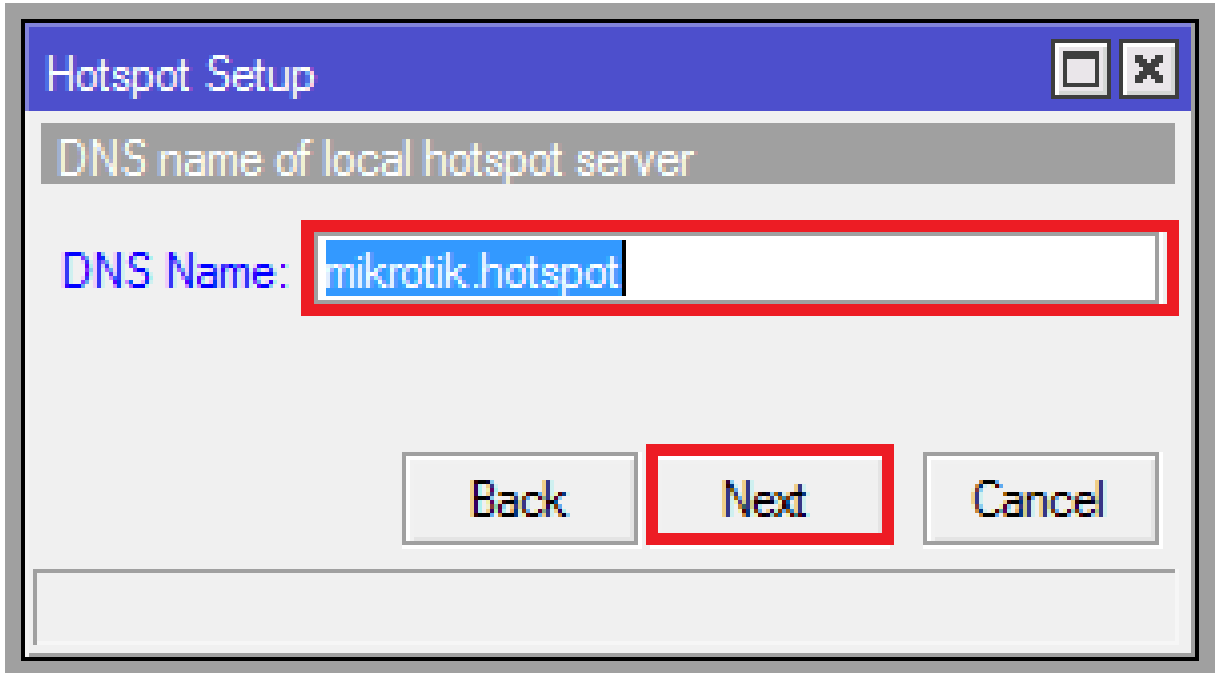

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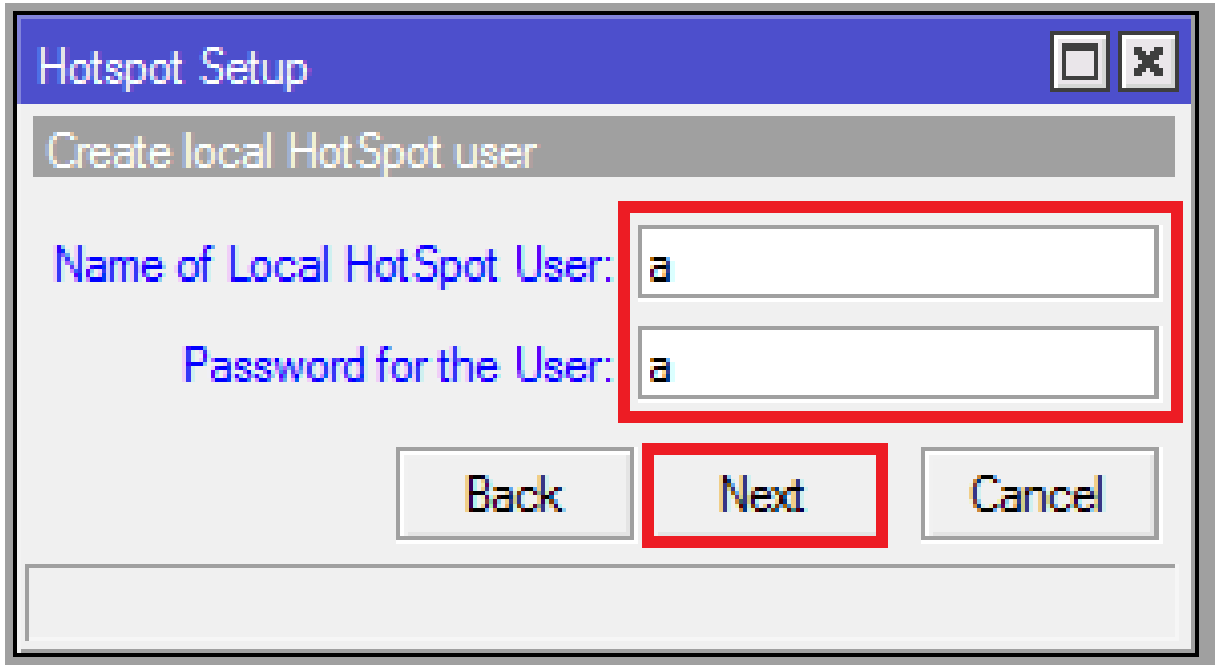

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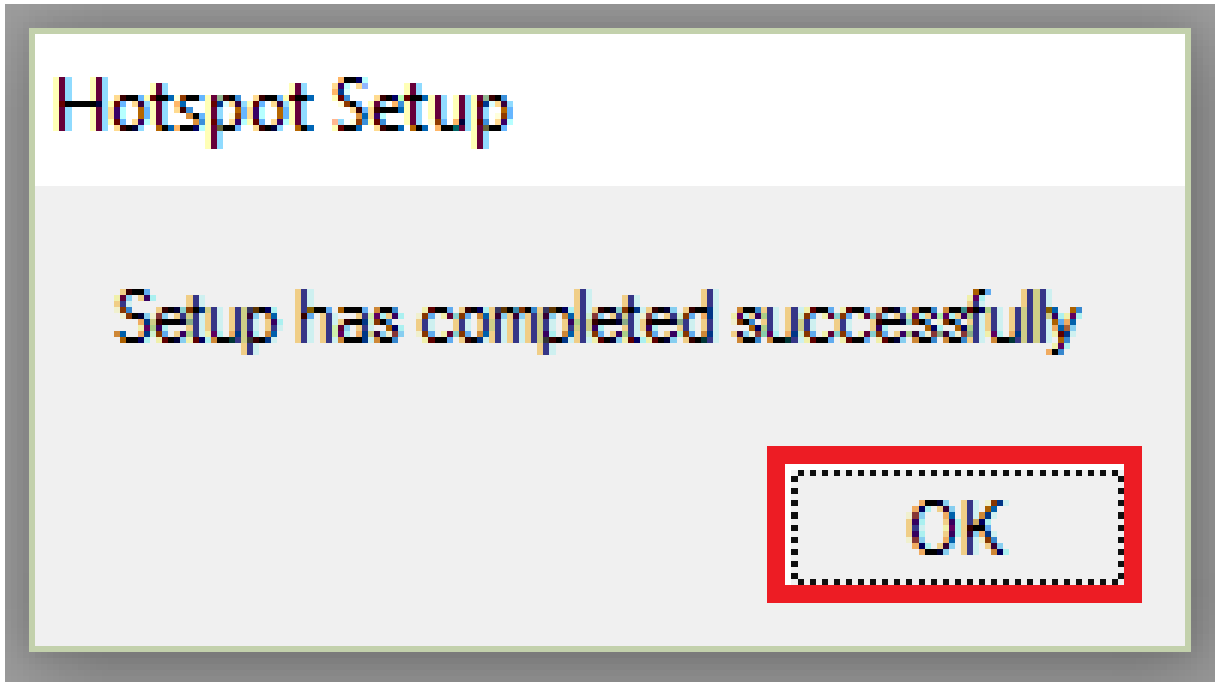
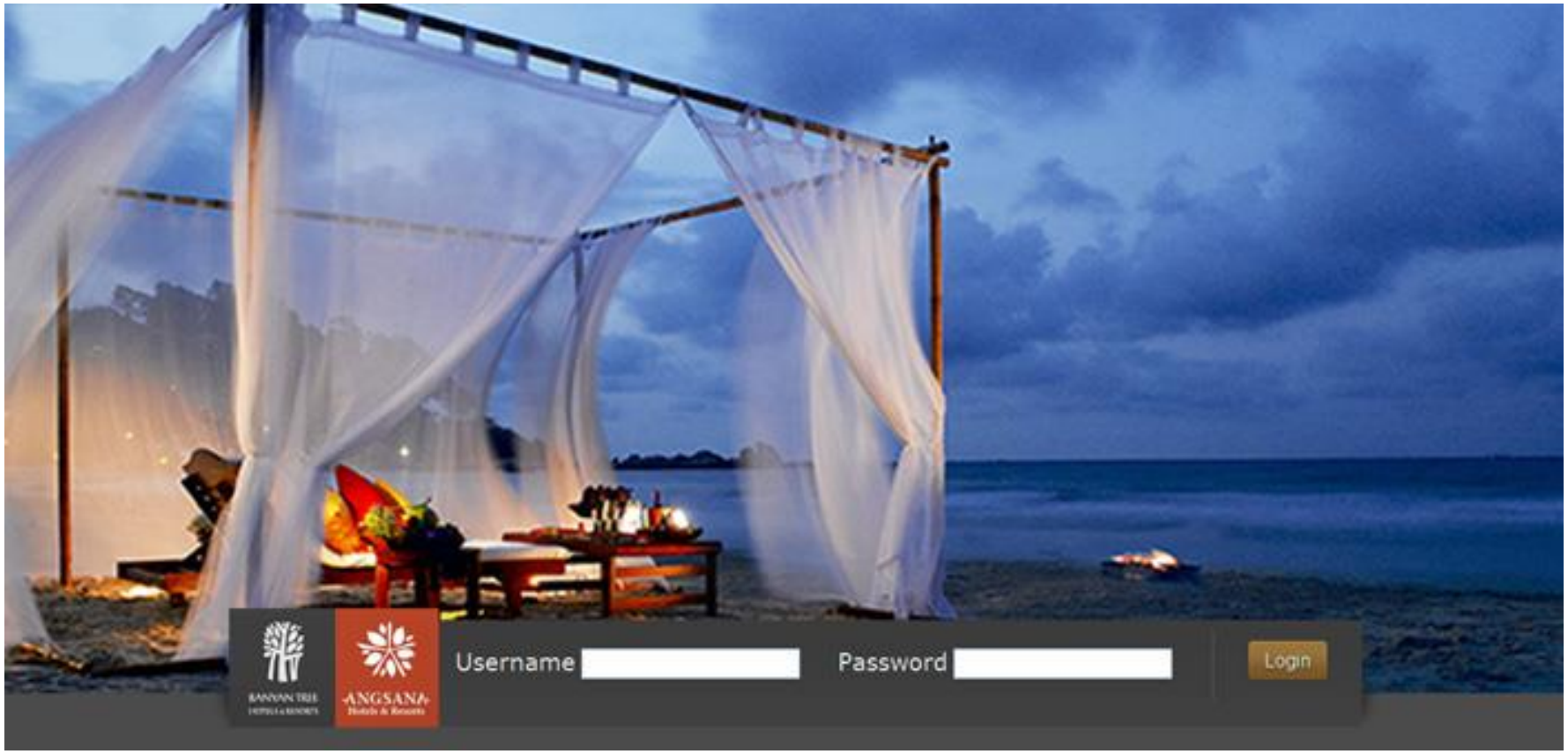


Login page

Please log on to use the internet hotspot service
login
password
OK
HOTSPOT GATEWAY
powered by MikroTik
Powered by MikroTik RouterOS

Customize page



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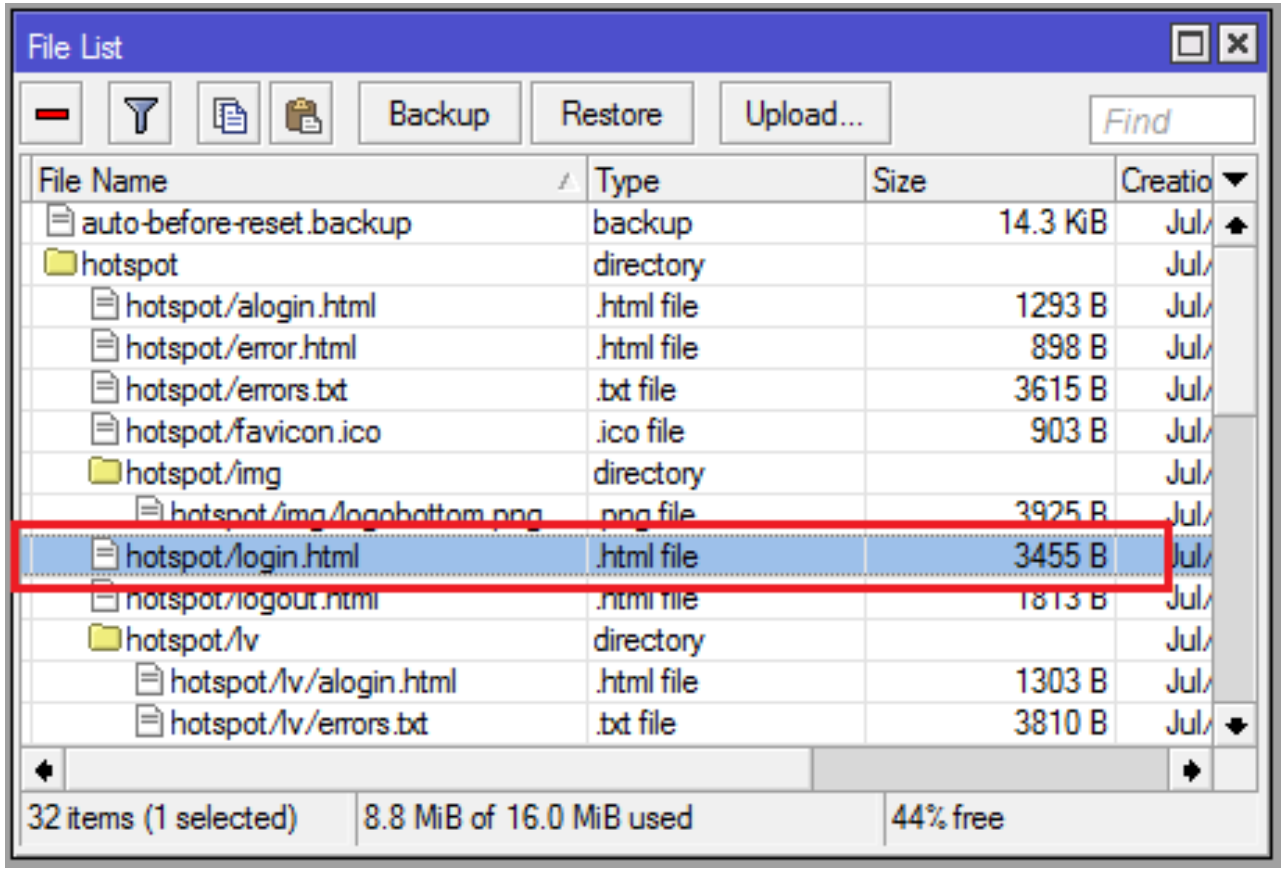
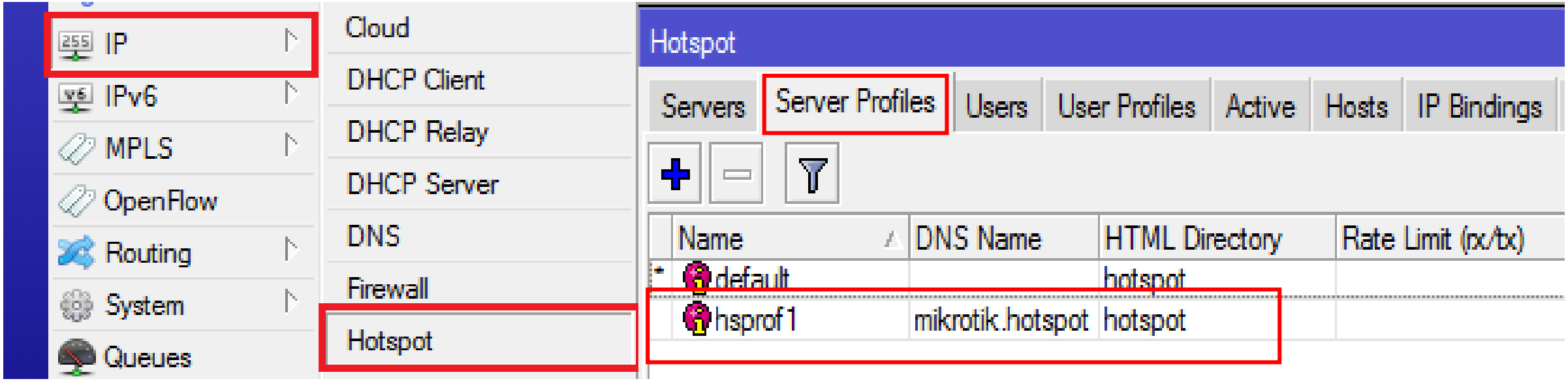


Connect hotspot to user manager

Connect hotspot to user manager



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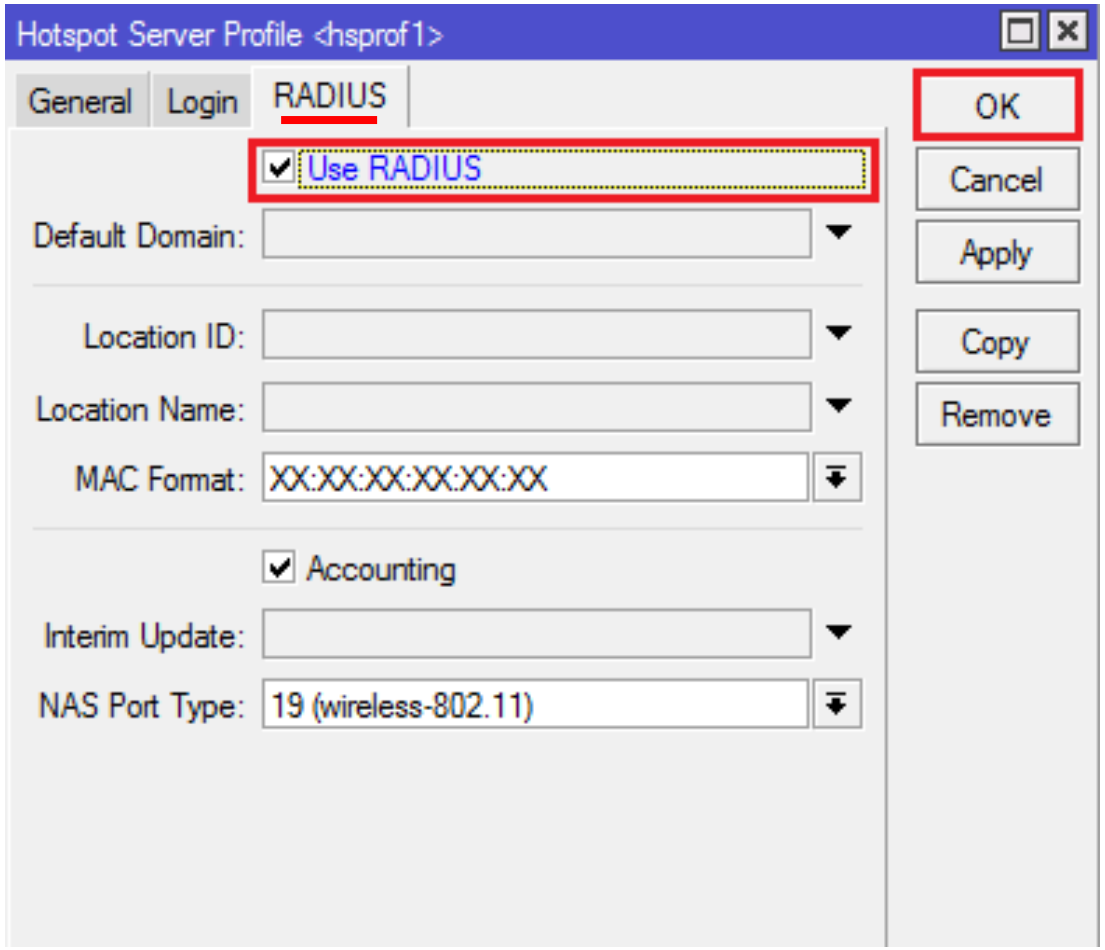

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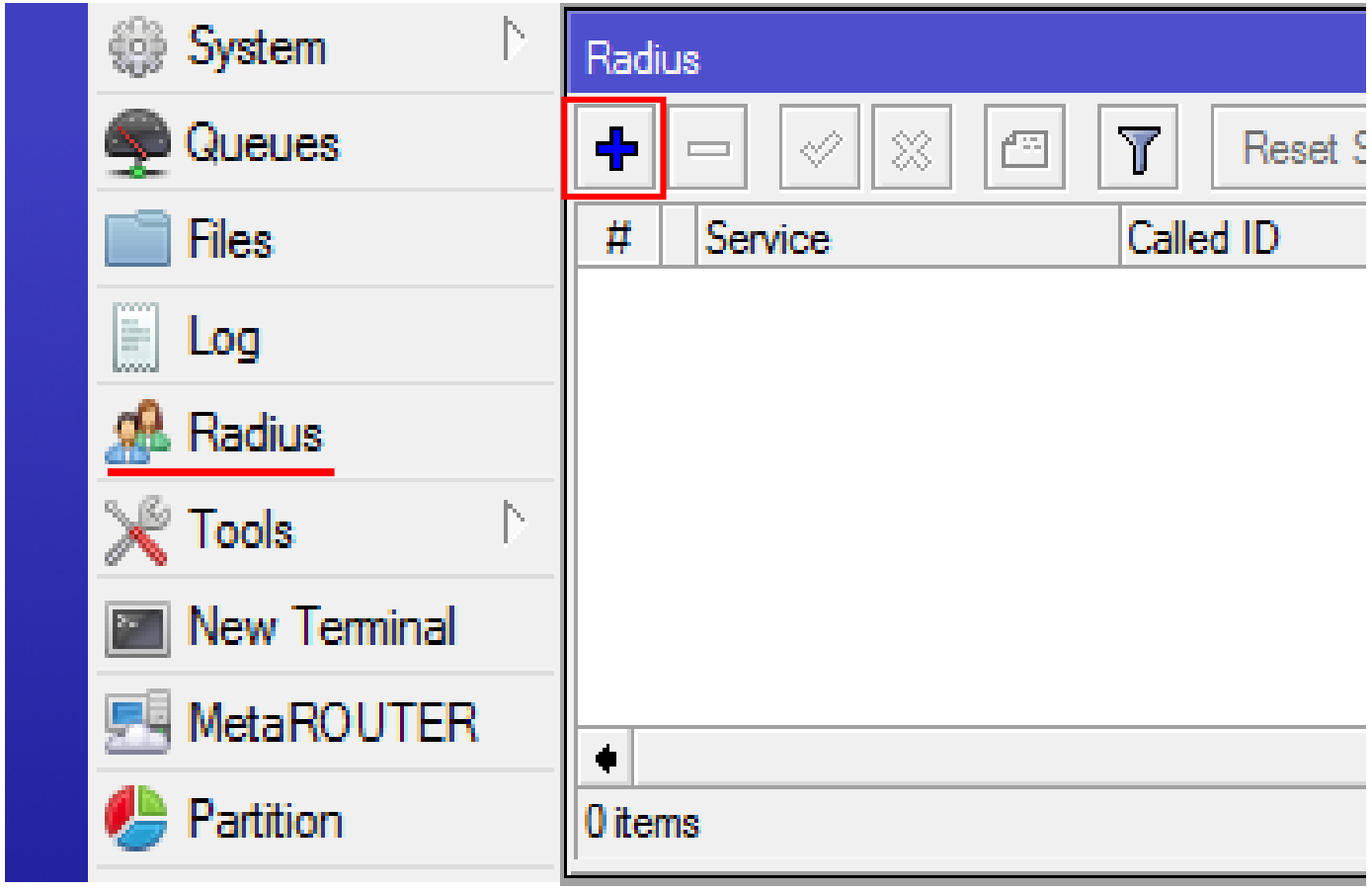

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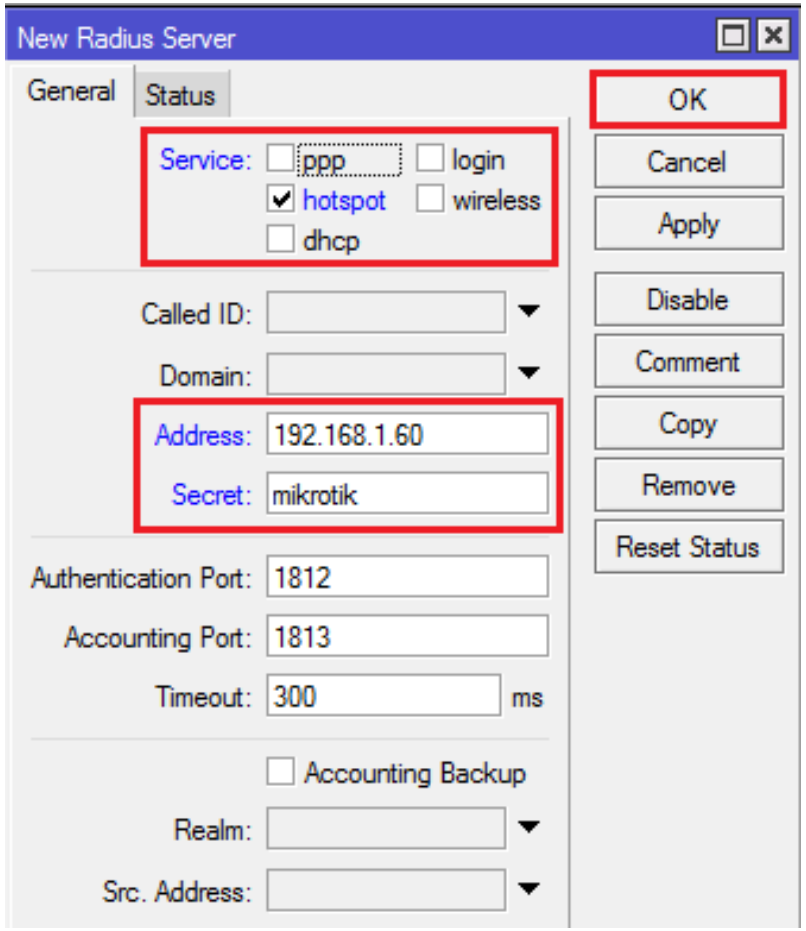

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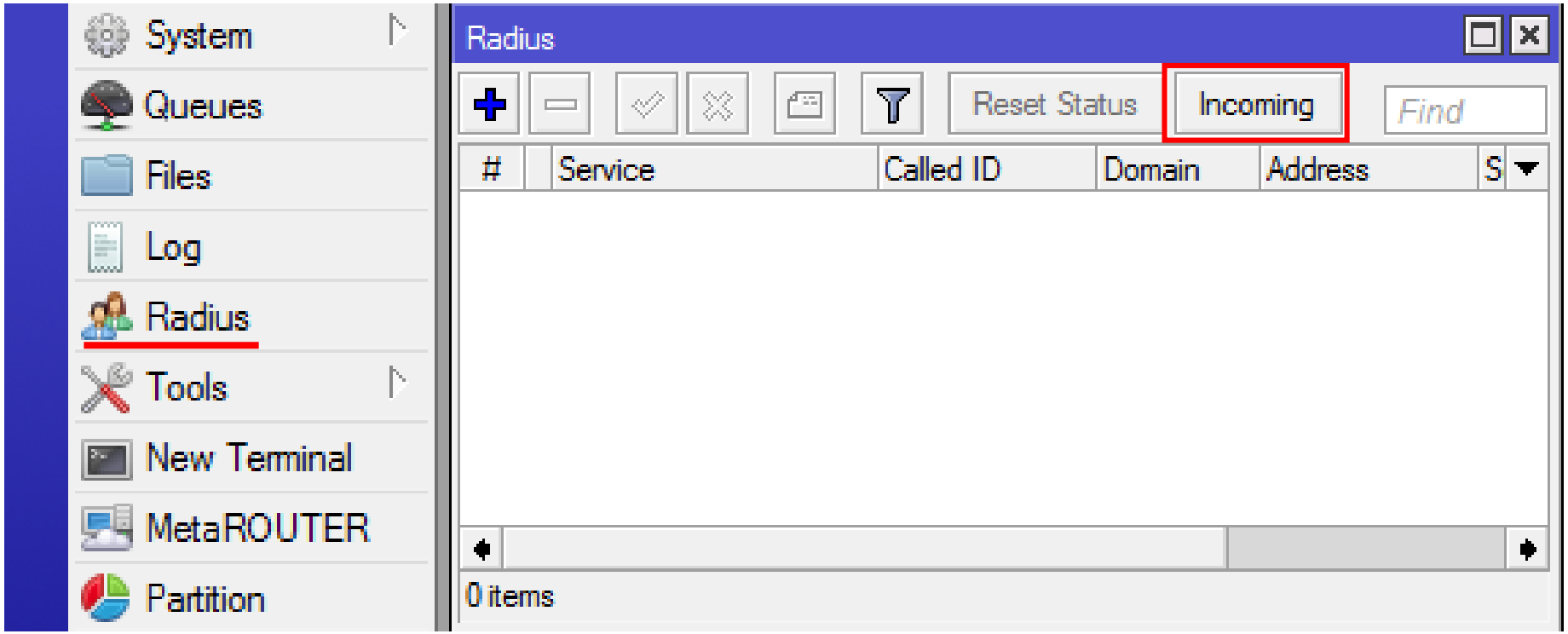

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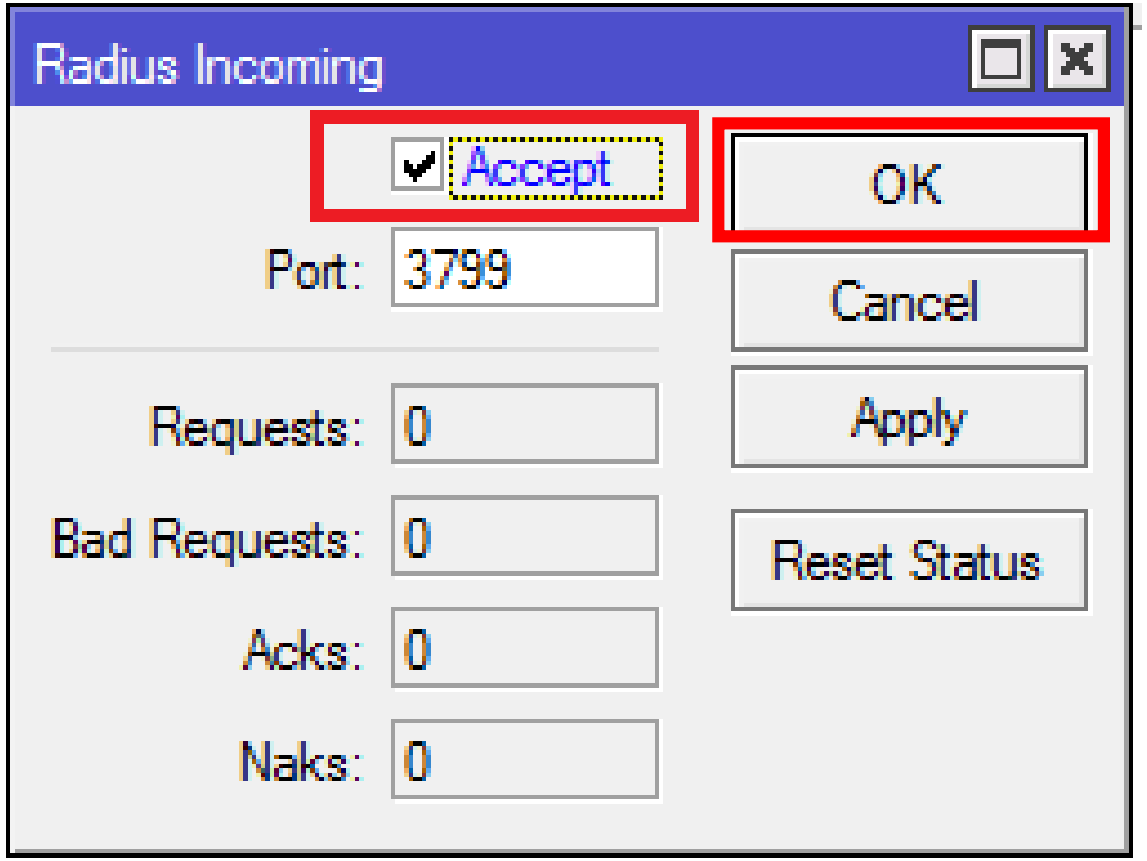
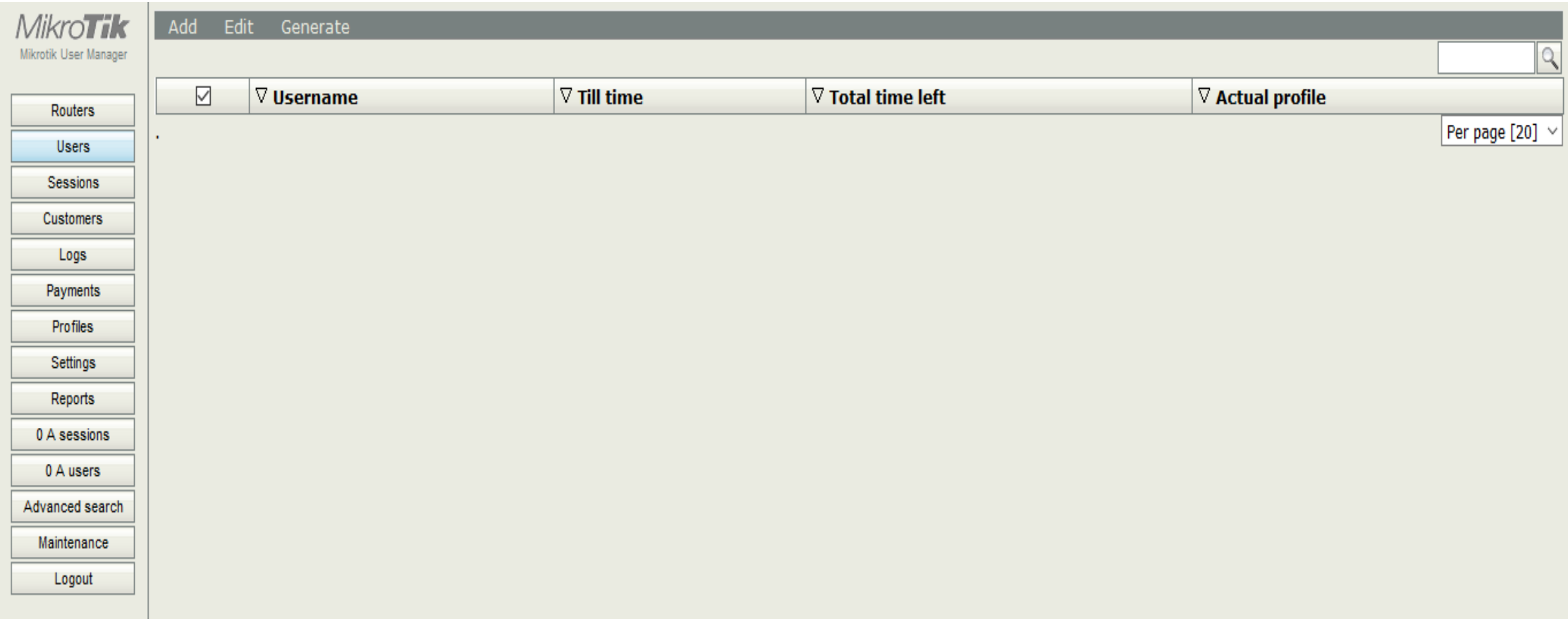


Getting start to Configuration User Manager

Login to User Manager

1. First go to this address http://yourrouteraddress/userman
2. Login to User Manager With user = admin and without password

Login to User Manager



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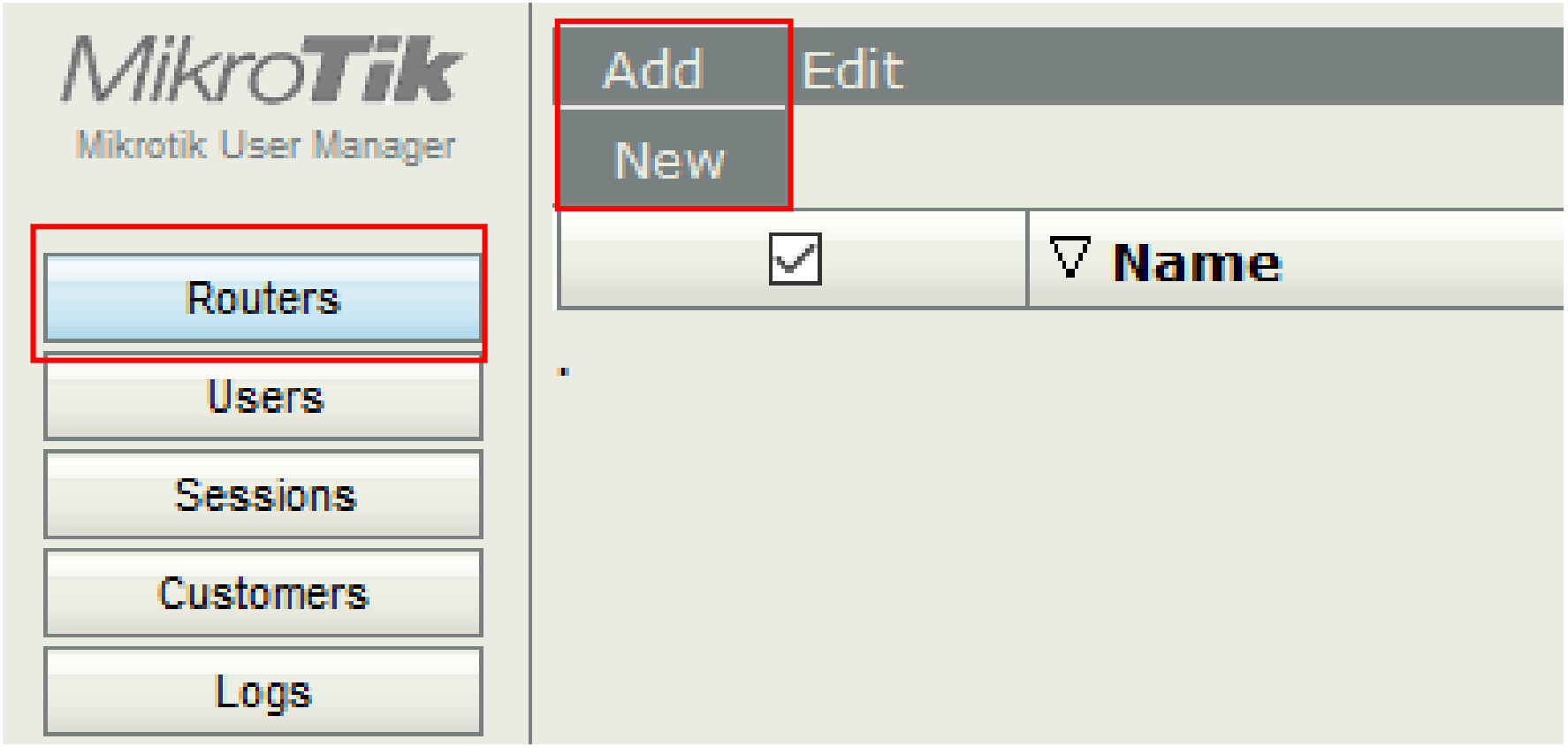

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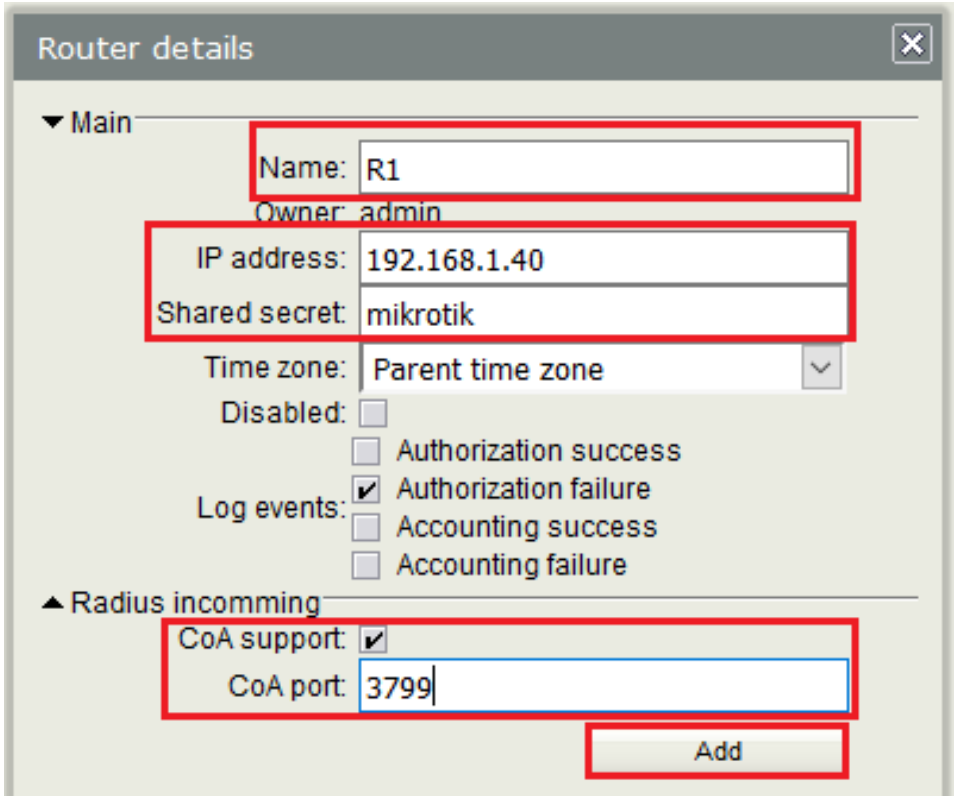
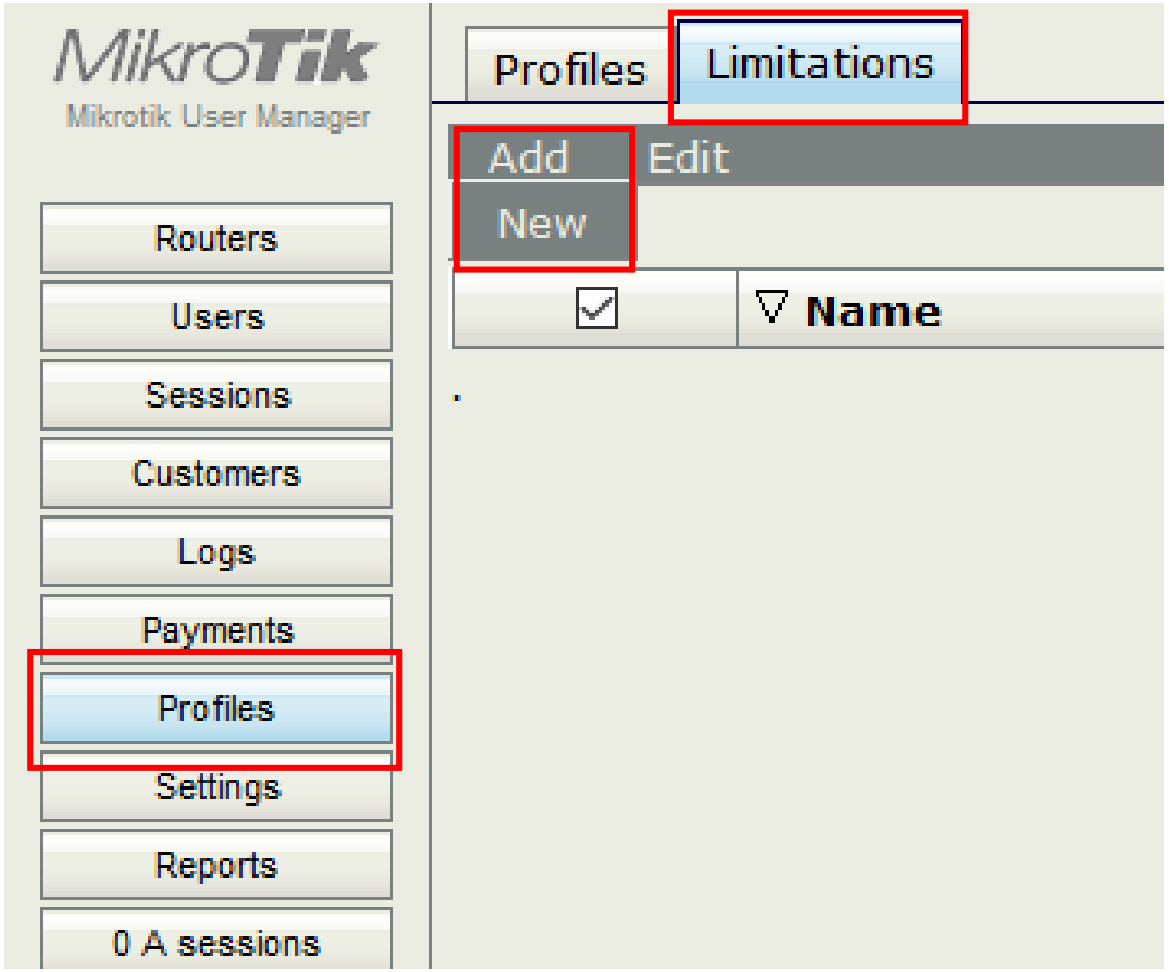


Create Profiles and limitations

Create limitations



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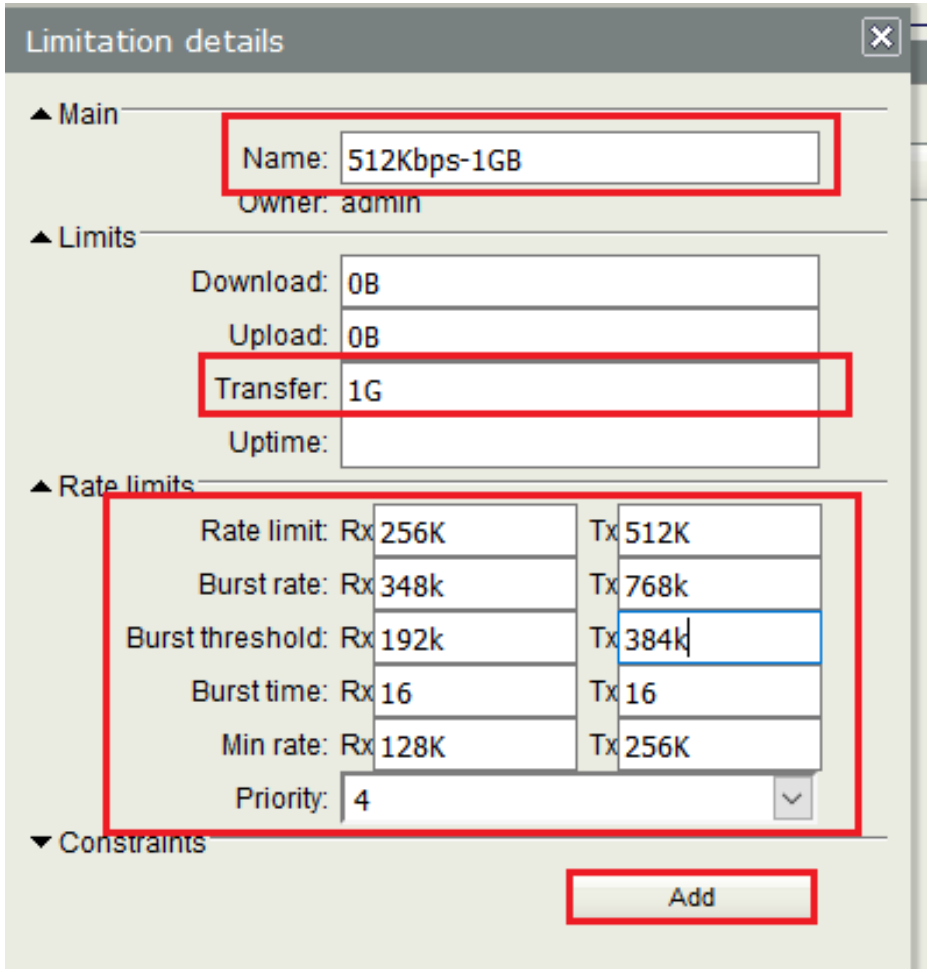

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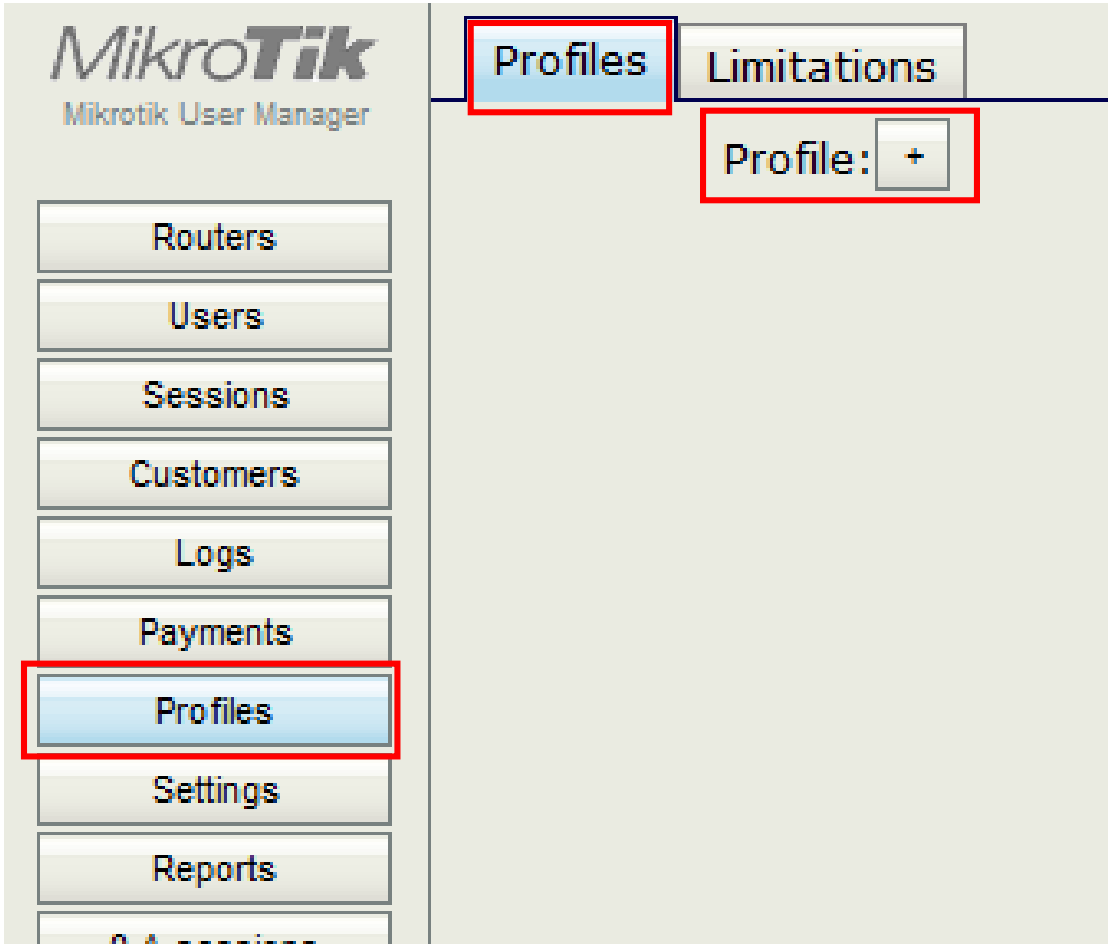

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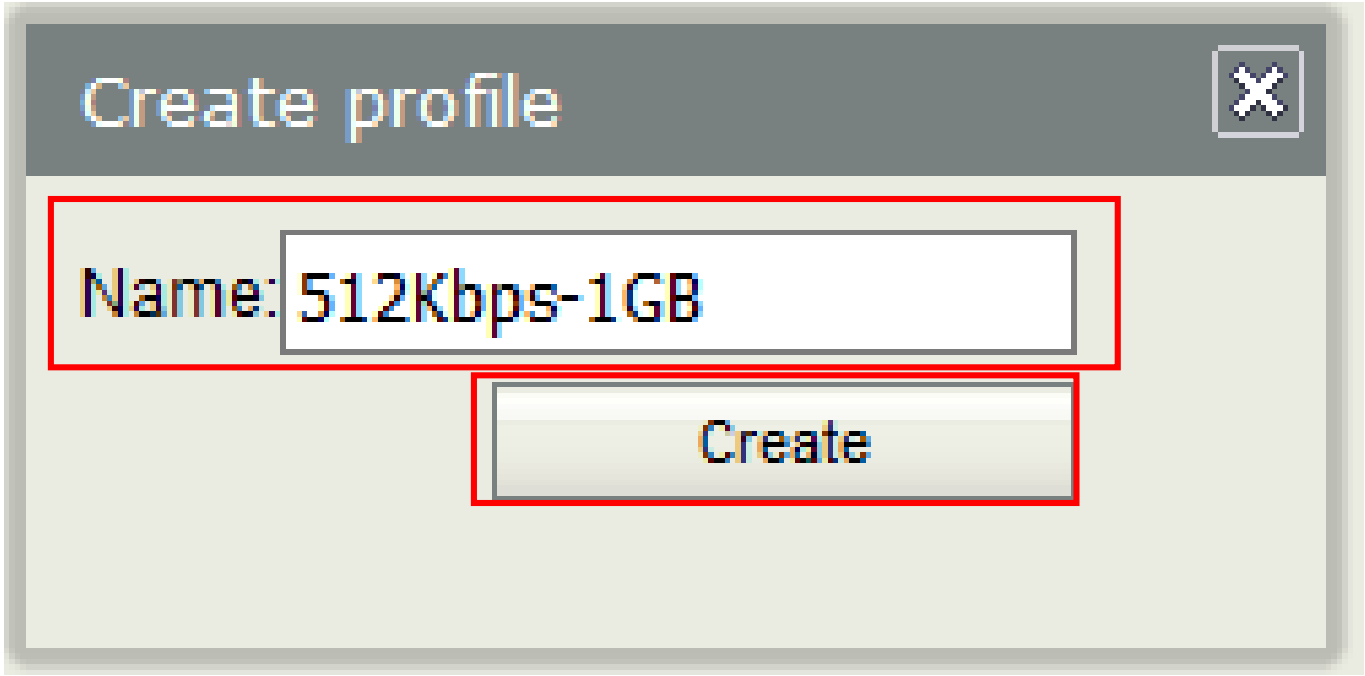

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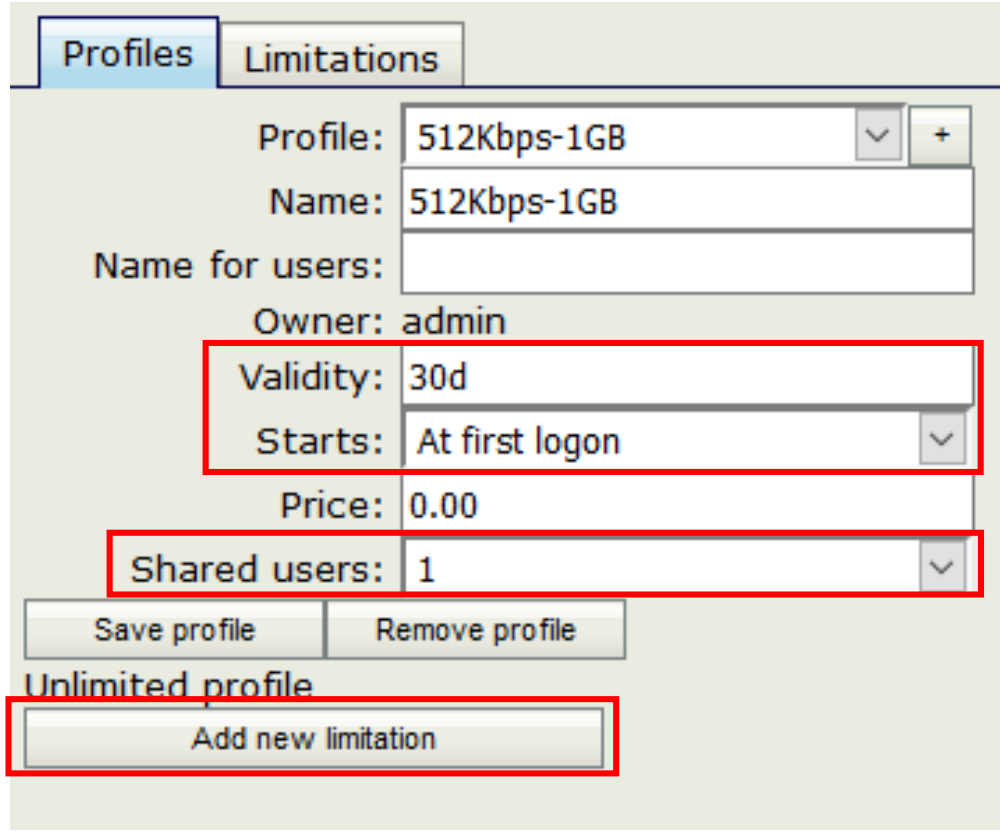

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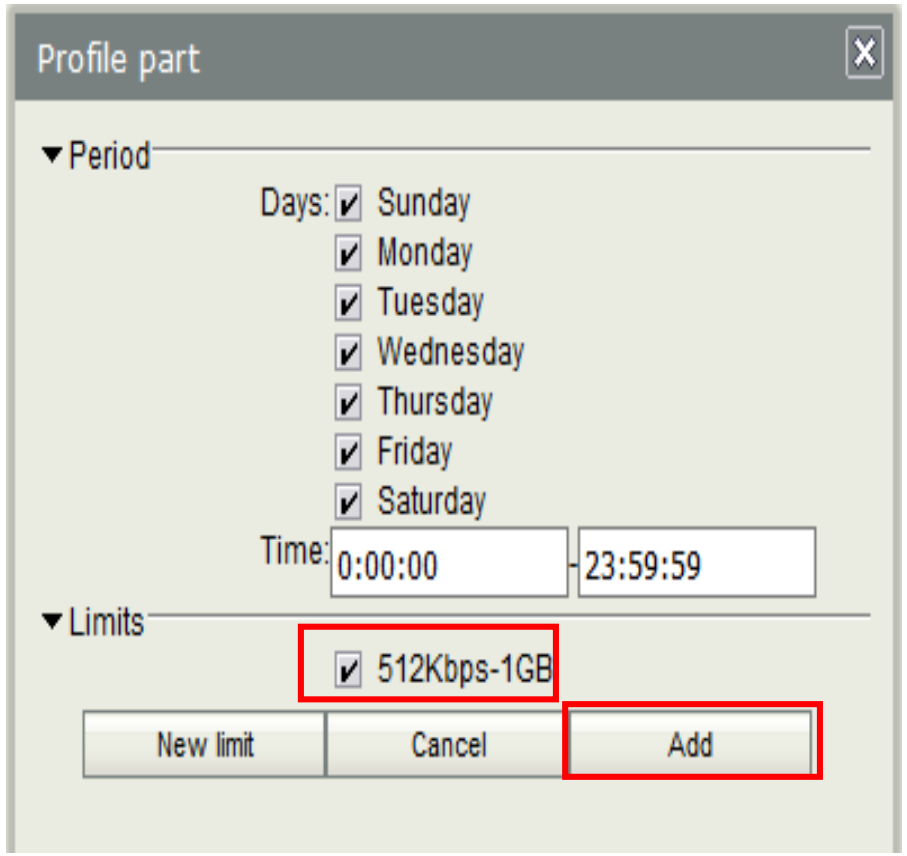

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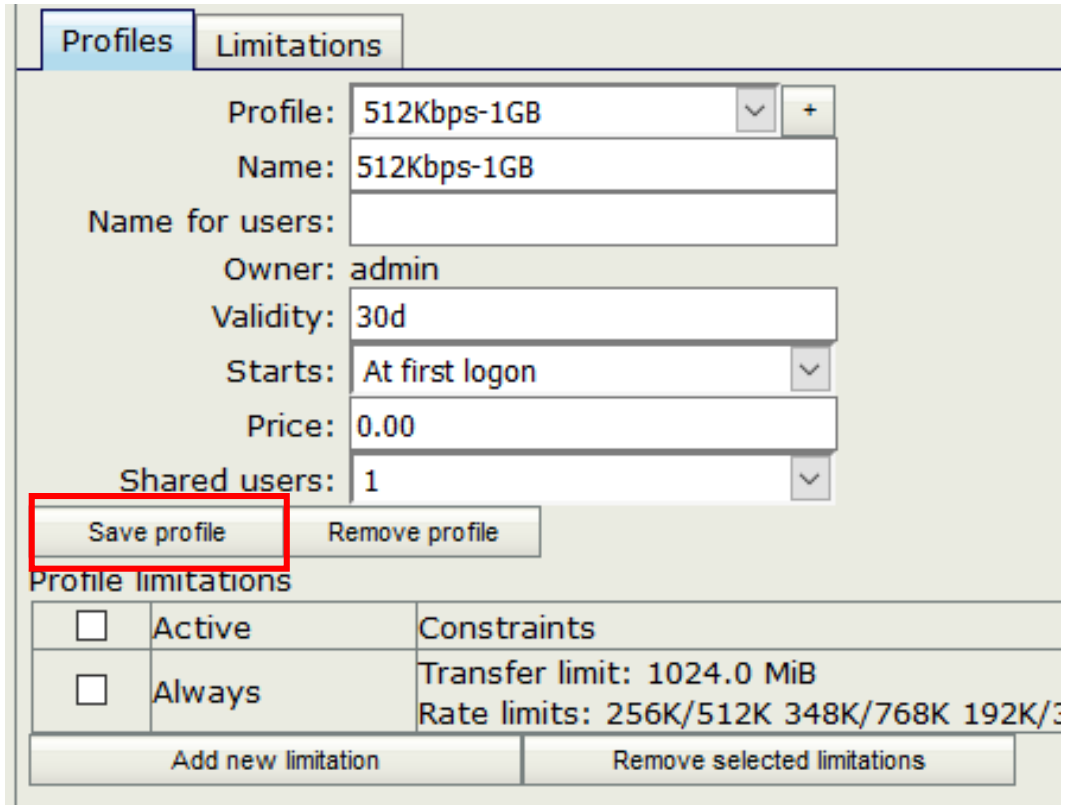
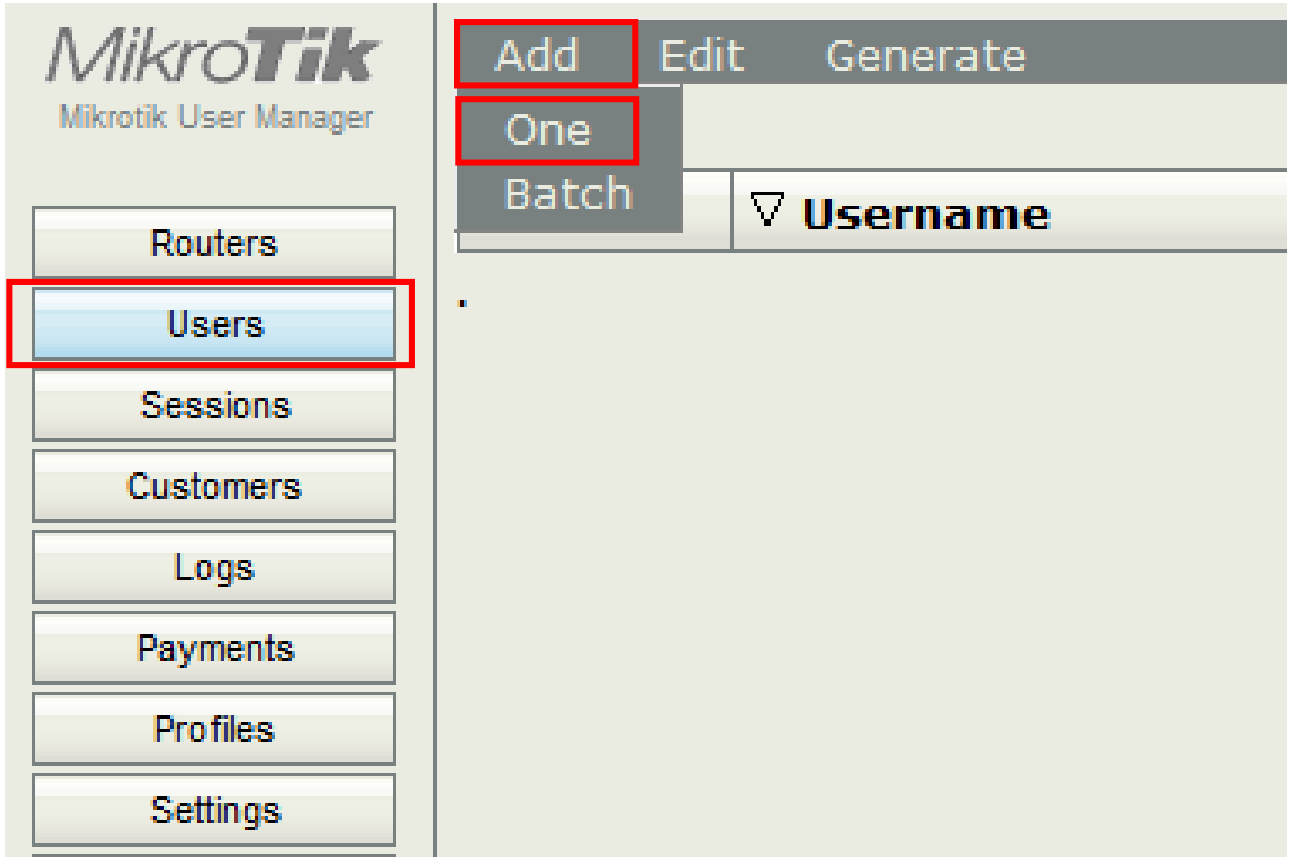


Create Users in User Manager

Create Users



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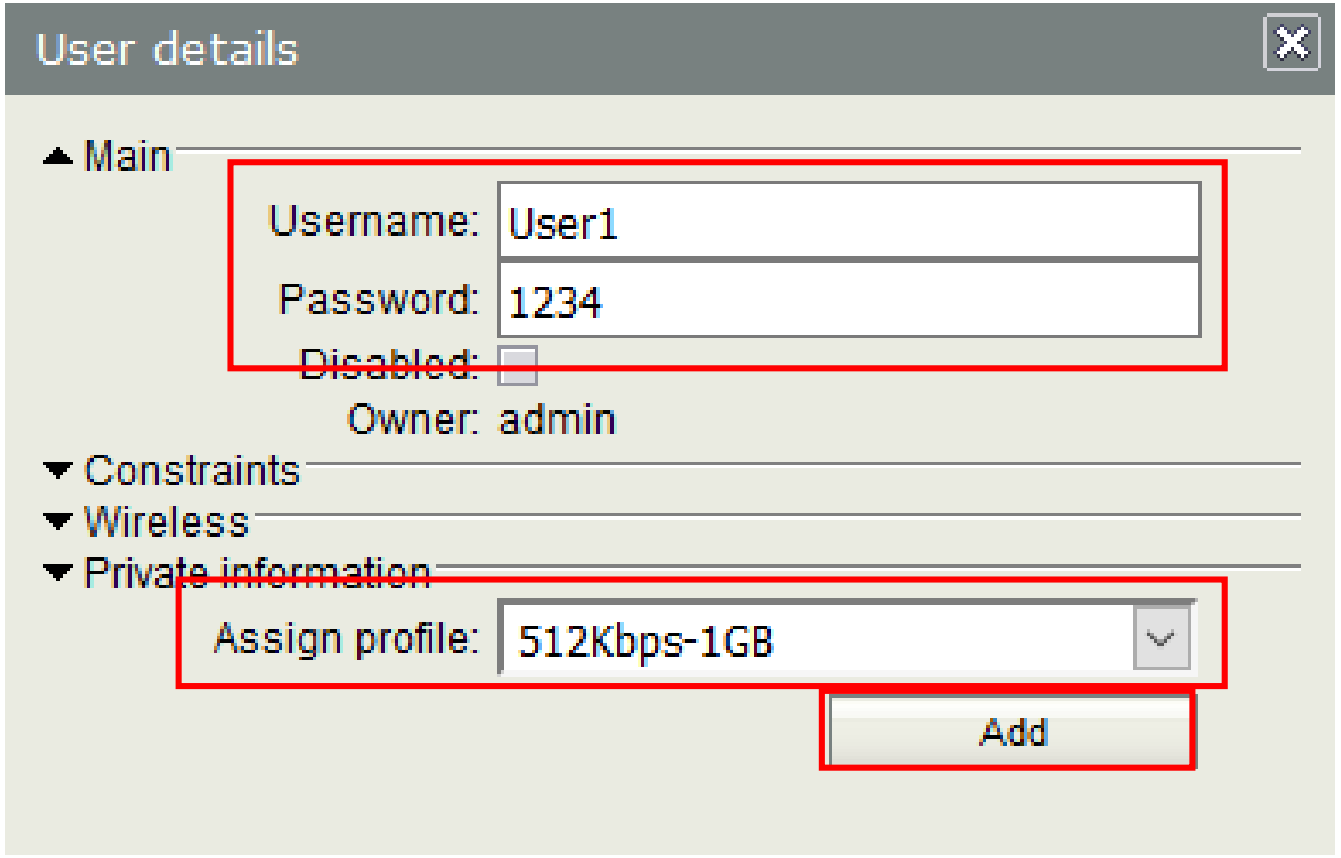

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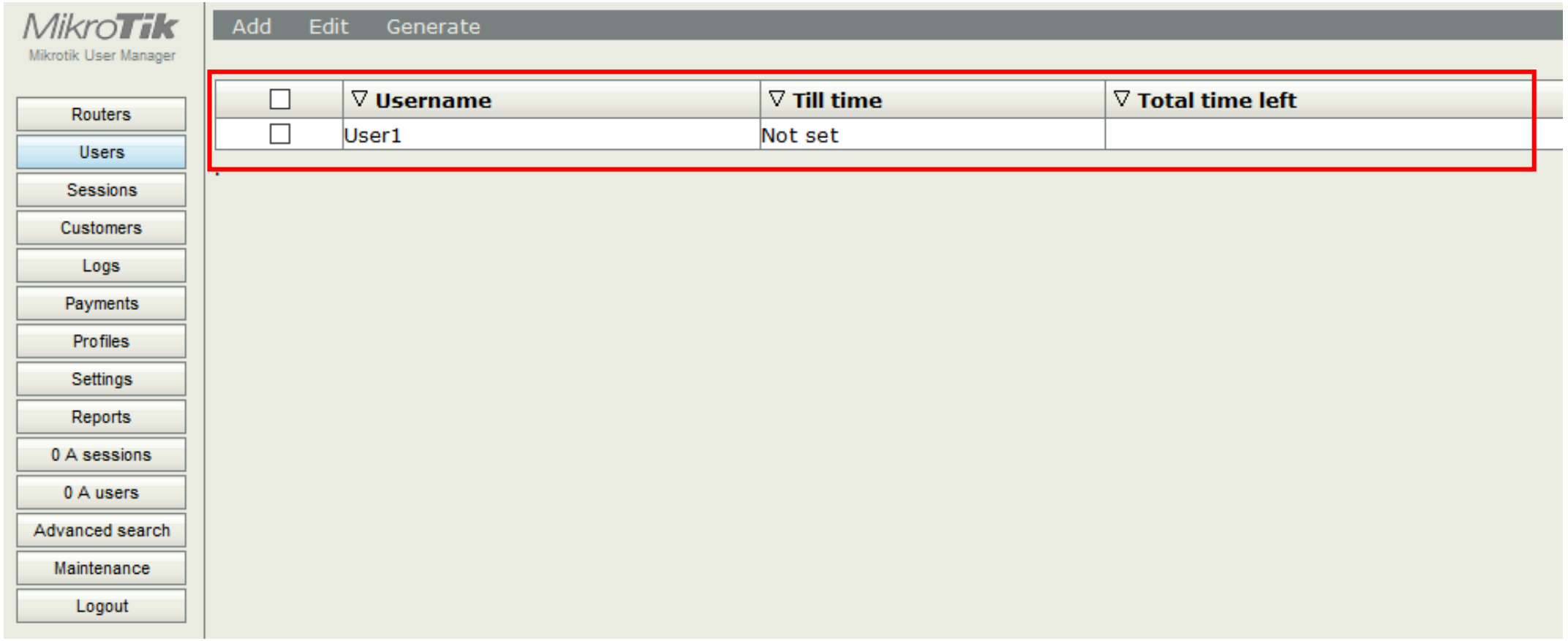
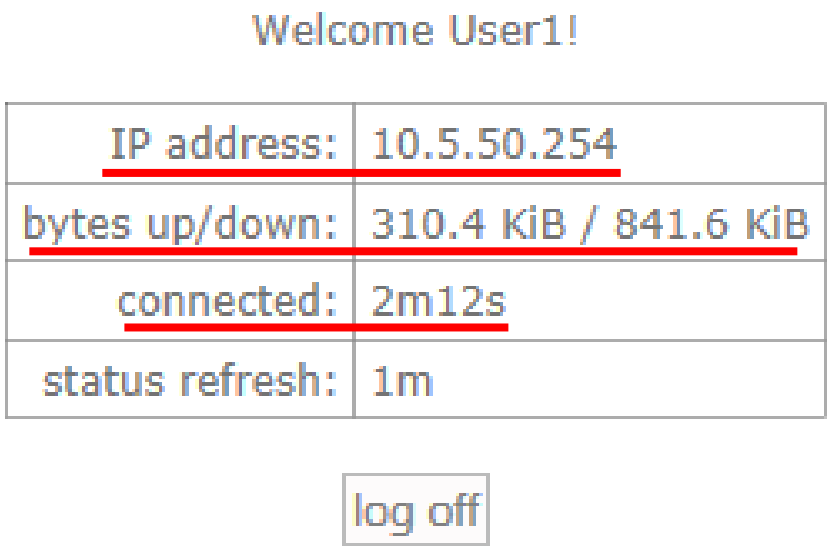


Test Solution

Please Connect to **HotSpot AP2** and Login to Hotspot with **user1** for user and **1234** for password

Test Solution

Please go to http://hotspot2.mikrotik/status for Check status and log off



References

1. http://wiki.mikrotik.com/wiki/Manual:User_Manager
2. http://wiki.mikrotik.com/wiki/Manual:IP/Hotspot
3. http://wiki.mikrotik.com/wiki/User_Manager/Hotspot_Example
4. http://wiki.mikrotik.com/wiki/Manual:RADIUS_Client
5. http://wiki.mikrotik.com/wiki/User_Manager/Users
6. http://wiki.mikrotik.com/wiki/User_Manager/Profiles
7. http://wiki.mikrotik.com/wiki/Manual:Customizing_Hotspot

Thank You