



HotSpot Network Manager

Quick Start Guide

Guide Version 4.0

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Software Version 4.0.x

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Introduction

This brief is a step by step guide that will help you to configure the HSNM and a hotspot to test thoroughly every product functionalities.

Installing the HSNM Software (VMware)

This section will guide you through the procedure to follow for installing a software HSNM.

Content of the ZIP file (downloaded from our Website)

The content of the zip file that you have downloaded from internet is as follows:

- 1 x HSNM (VMware Player 5.0 ready)
- 1 x Hotspot Network Manager for VMware Quick Start Guide

1 - Installing VMware Player 6.0 or Later Version on your Pc/Server

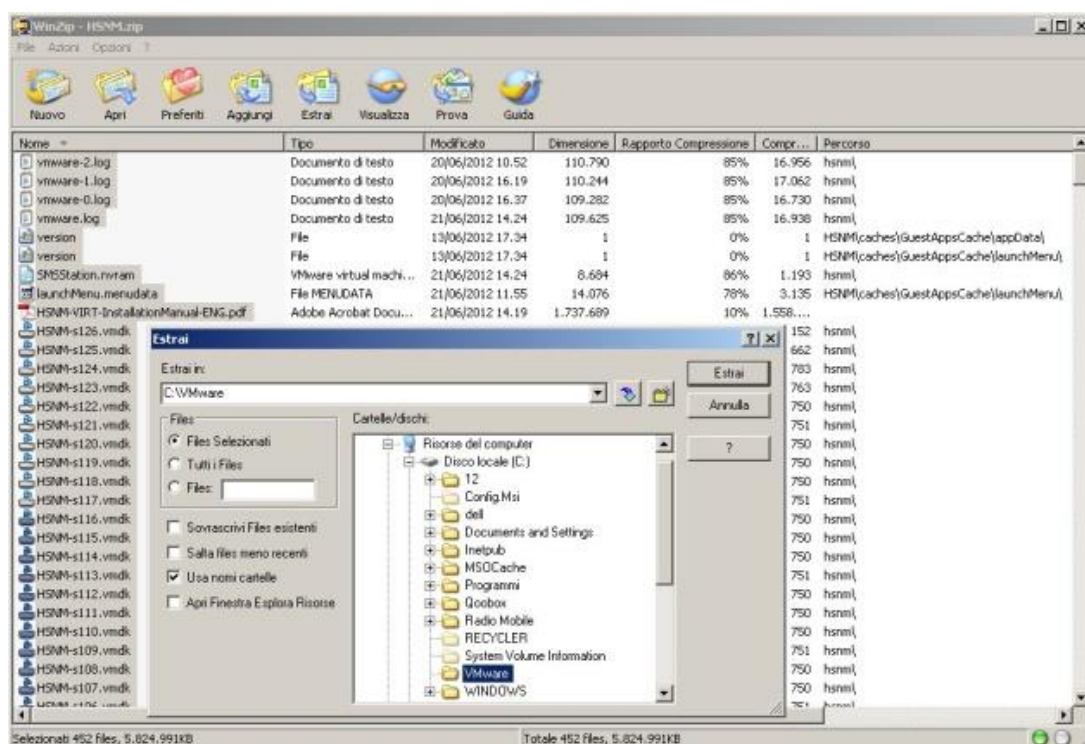
First, it is necessary to install VMware Player 5.0 or later version on your pc. You can download it from the VMware website at:

<http://www.vmware.com/go/downloadplayer/>

To install, run the downloaded file and follow the instructions.

2 – Unzipping the HSNM to your PC

Unzip HSNM.ZIP file into a folder of your computer



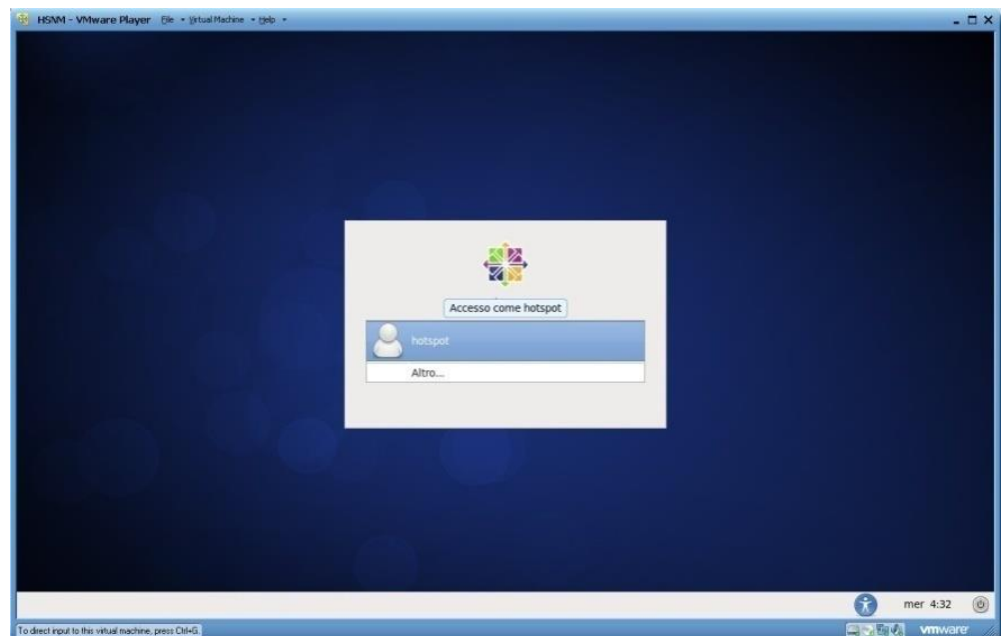
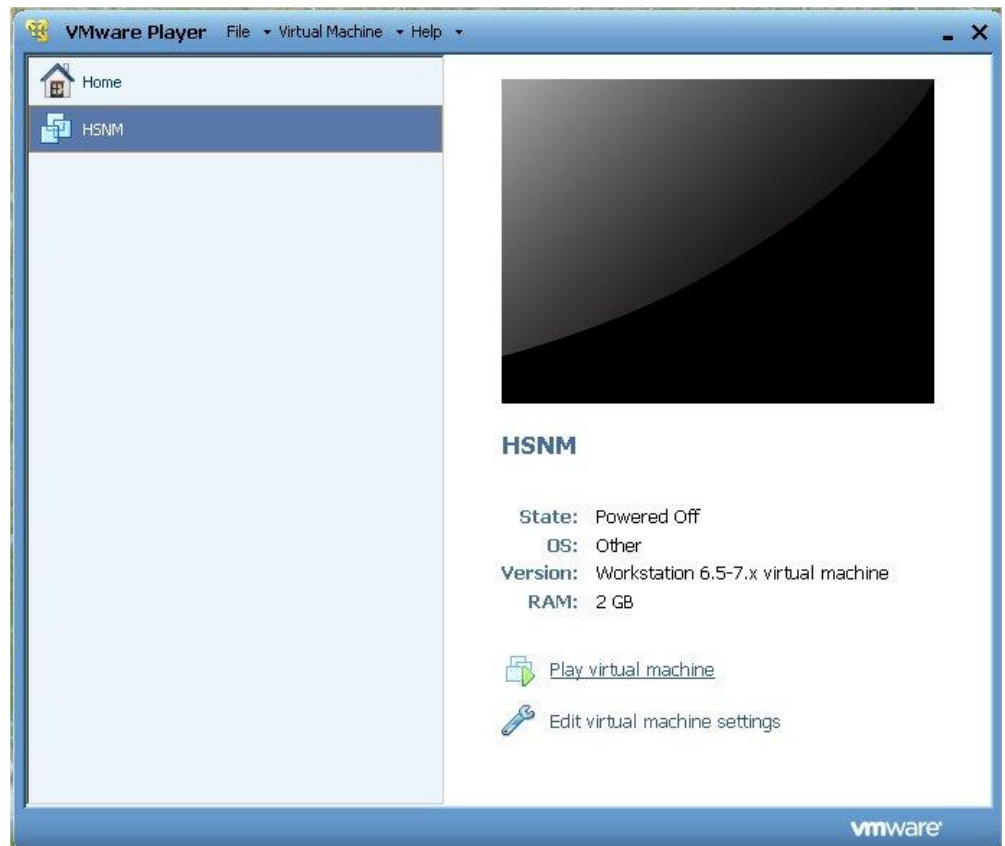
3 – Opening the HSNM with VMware Player

Execute VMware Player, then open HSNM.vmx file inside the HSNM folder that you have unzipped before.



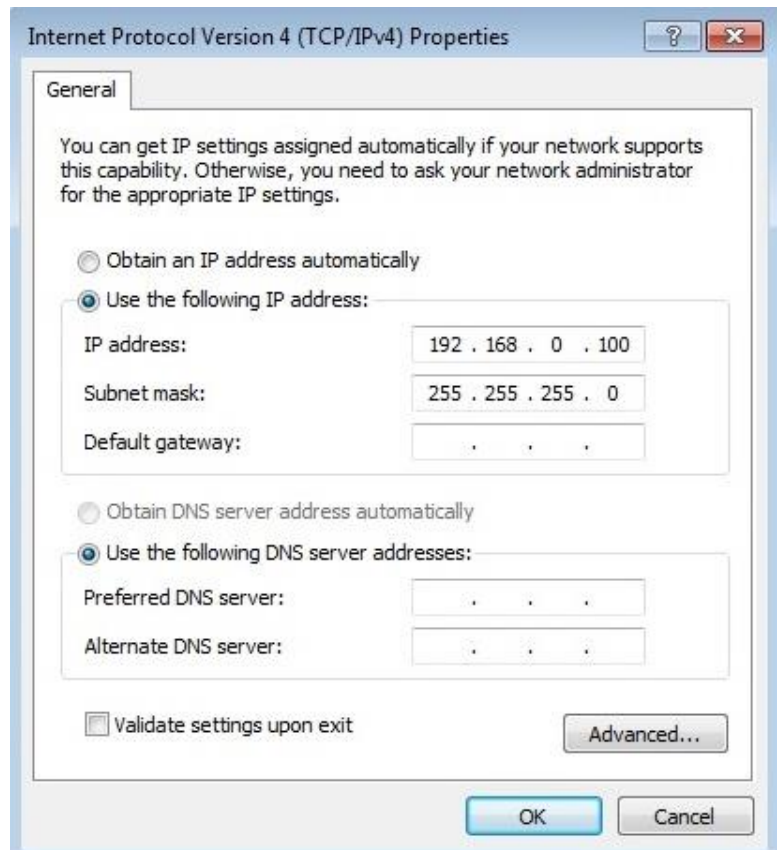
4 – Powering the HSNM on

Power HSNM on “Play virtual machine” link in the VMware Player. Answer “I moved it” to the window that appears. After, more or less, 1 minute the appliance turns on.



5 - Connecting to the Computer for the First Configuration

Connect a pc to the same switch of the computer where the HSNM is installed, then set its IP address to 192.168.0.0/24 class (e.g. 192.168.0.100).

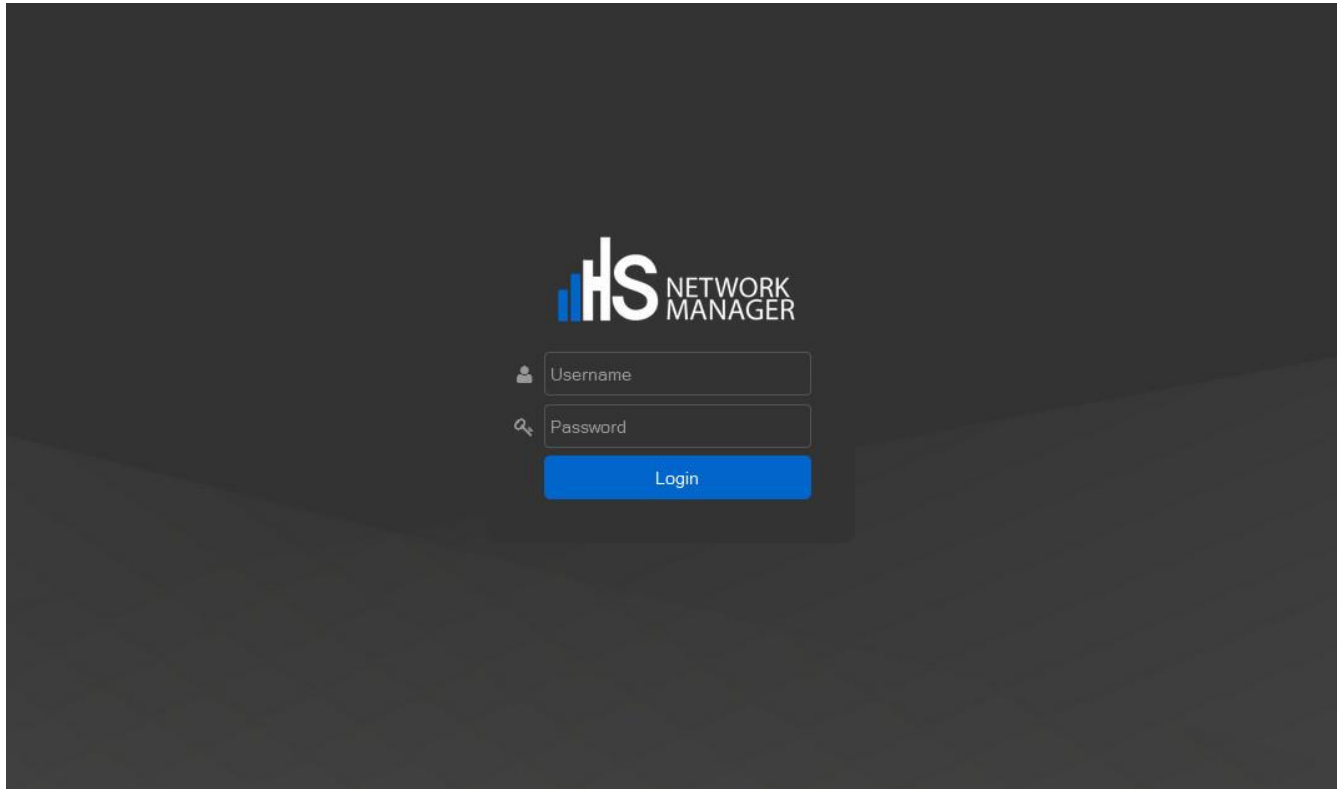


Warning! Do not set PC IP address to 192.168.0.250 because this is the IP address of the HSNM.

Administration Interface

Logging in to the HSNM Web Administration

To log in for the first time to the system and configure it according to your needs, open the web browser of the computer connected to the HSNM and enter <http://192.168.0.250> in the address bar. The login page will appear in the HSNM web management interface.

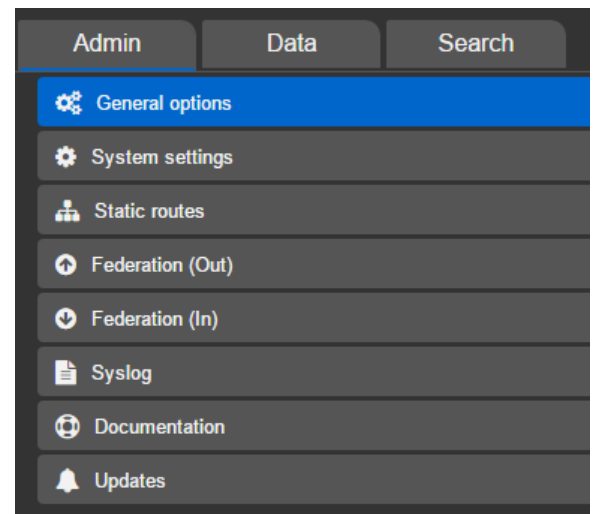


Log in to the administration area

Enter as Username “admin” and password “0000” then press "Enter" or "Login" button.

Assigning Network Parameters

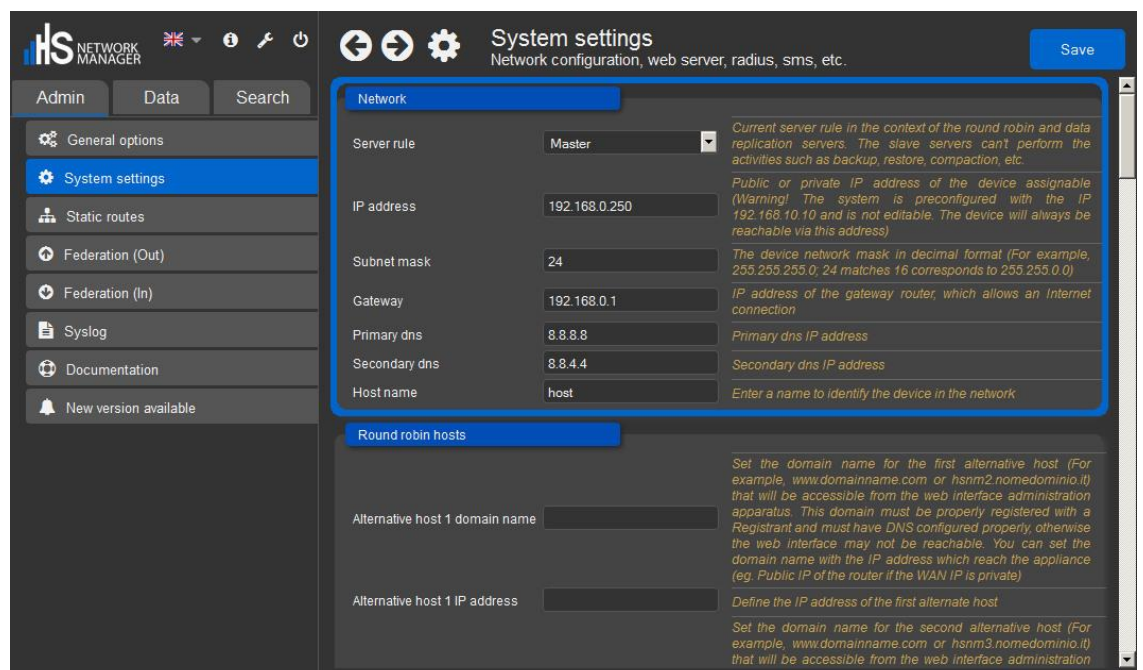
To define the IP address to be assigned to the HSNM interface, click on the "Admin" tab and select "**System Settings**".



Configuration options for the administrator

Follow these steps:






- Enter in the "IP address", the IP address that you want to assign to the HSNM as to connect it to your network (e.g. 192.168.0.200);
- On "Subnet mask" enter the network mask in CIDR format (example: 24);
- On the "Gateway" enter your network gateway (e.g. 192.168.0.1);
- On "primary DNS" and "secondary DNS" insert valid DNSs (Example: 8.8.8.8);
- In the "Host name" field enter the name for your device (Example: HSNM1).

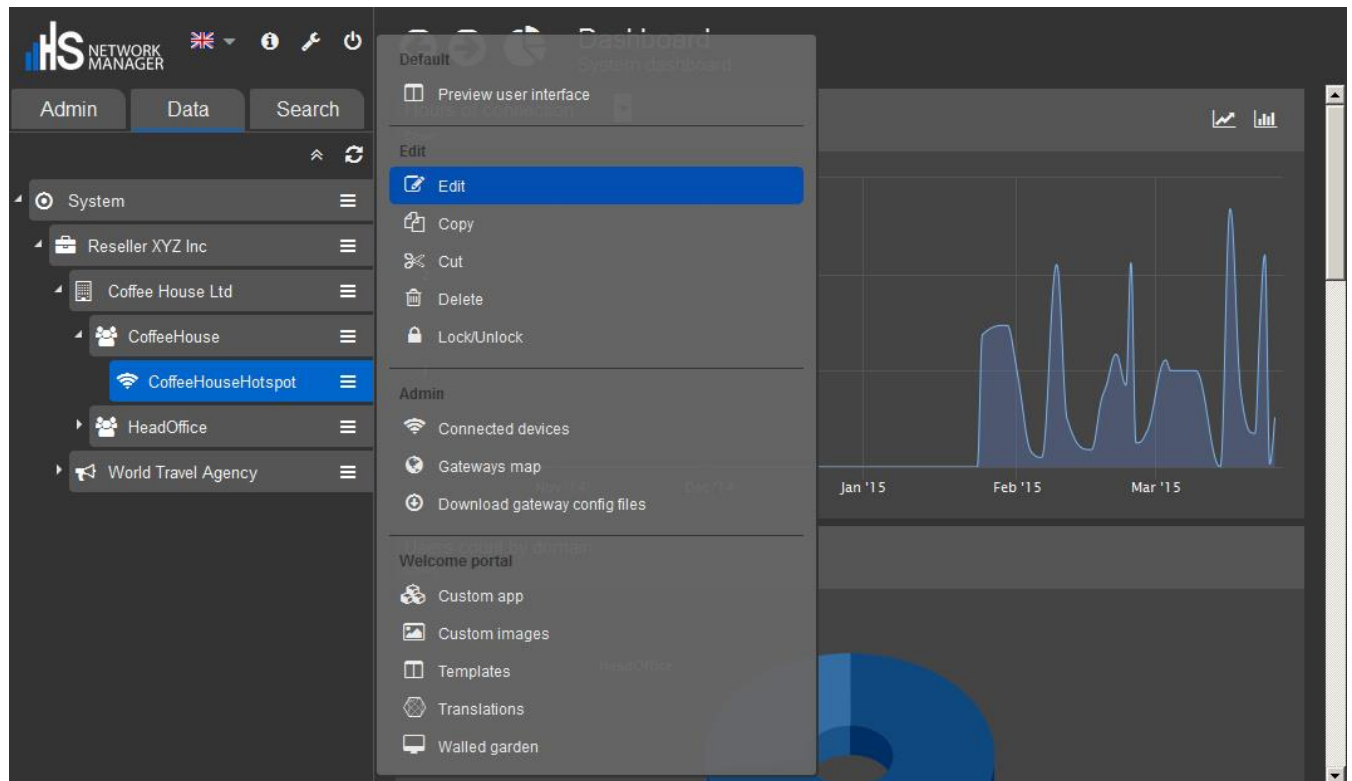


Now on the upper right corner in the command bar, click on the "Save" button, and then on the "Restart services" button to assign the new IP address to HSNM.

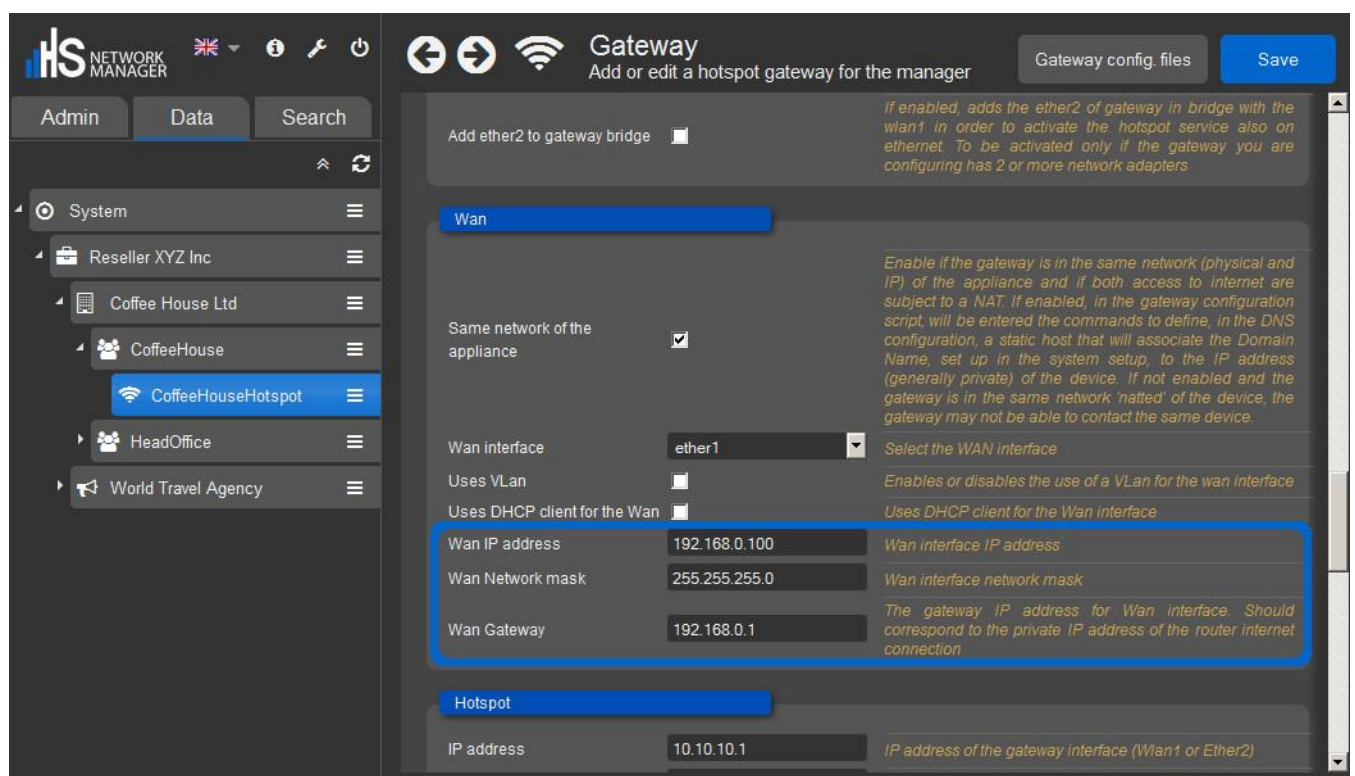
Now you can login to the HSNM web administration through the new IP address that you have set.

Setting the Hotspot Gateway (HGW)

Click the "Data" tab on the upper left side menu, then click the  arrow next to "Reseller XYZ Inc", click the  arrow next to "Manager ABC Ltd", click the  arrow next to "CoffeeHouse", click the context properties button  of "CoffeeHouseHotspot". Here you have to click "Edit" to enter the  hotspot gateway settings section.



Scroll down to "Fields to generate configuration script for the Mikrotik gateway" section, here you can set the network parameters of the hotspot.



In the “Wan” subsection: in “Wan IP Address” field, enter the IP address that has to be assigned to the hotspot Wan. This address has to be a part of your network. In the “Wan Network mask” field insert subnet mask, in the “Wan Gateway” field insert the gateway of your network. Following the example above, if your network is 192.168.1.0/24 and you configured your HSNM with 192.168.1.250 IP address, the WAN IP address field will be 192.168.1.240, “Wan Network mask” 255.255.255.0 and the “Wan Gateway” the IP address of your xDSL router.

Now click "Save" button on the top right side of page. A blue popup with the phrase “The data has been saved successfully” will appear.

Gateway
Add or edit a hotspot gateway for the manager

Gateway config. files Save

Add ether2 to gateway bridge ☐

Wan

Same network of the appliance ☒

Wan interface: ether1

Uses VLAN: ☐

Uses DHCP client for the Wan: ☐

Wan IP address: 192.168.0.100

Wan Network mask: 255.255.255.0

Wan Gateway: 192.168.0.1

Hotspot

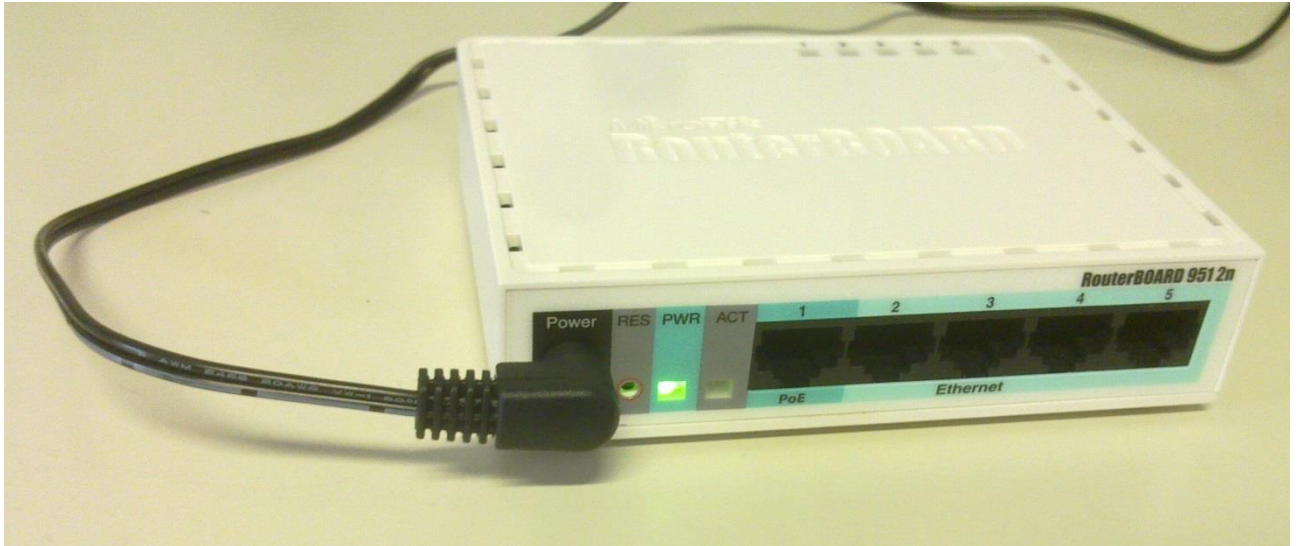
IP address: 10.10.10.1

By clicking on “Download files for configuring hotspot/PPPoE” it will be shown a warning screen about the RouterOS version needed for the configuration file to work. By clicking on OK, it starts a download of a zip file named “CoffeeHouse.zip” containing the needed files for configuring the Mikrotik RouterOS hotspot.

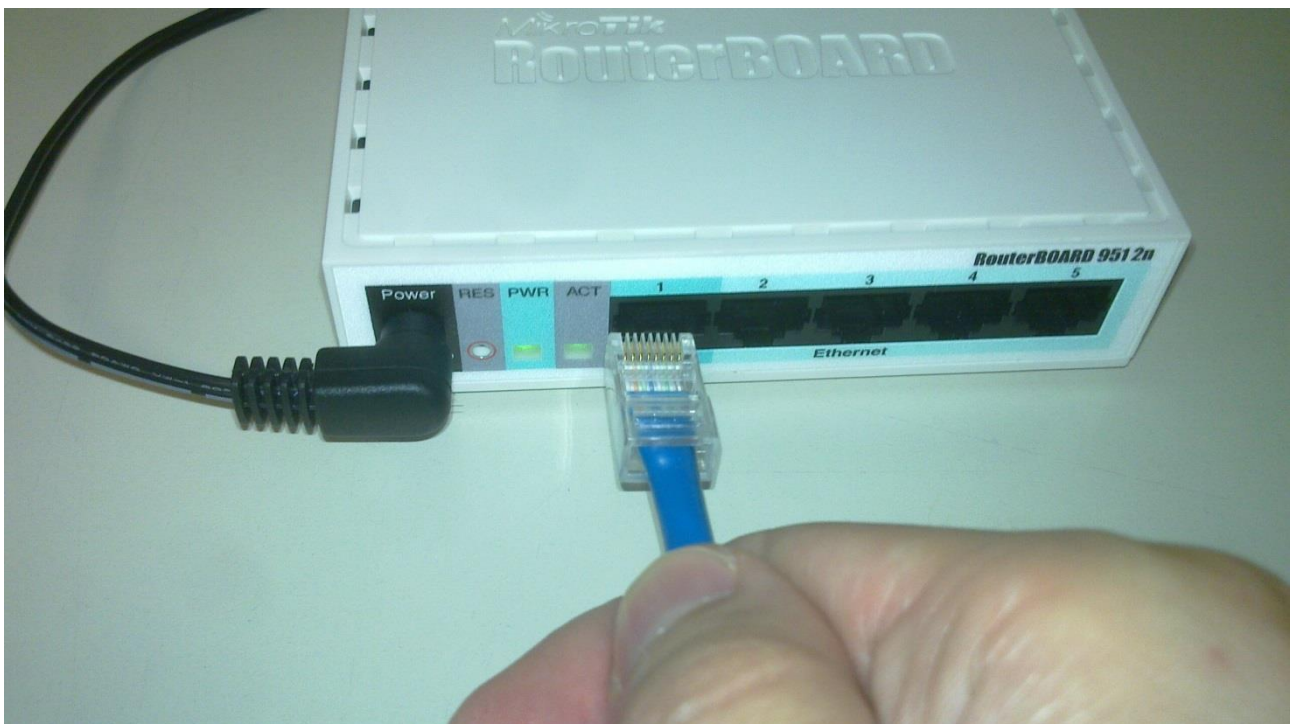
Configuring the Mikrotik Gateway

To configure the Mikrotik gateway, please follow these steps:

- 1) Unzip the file, that you have downloaded before, on your computer.
- 2) Download winbox from <http://download2.mikrotik.com/winbox.exe>
- 3) Power on Mikrotik routerboard.



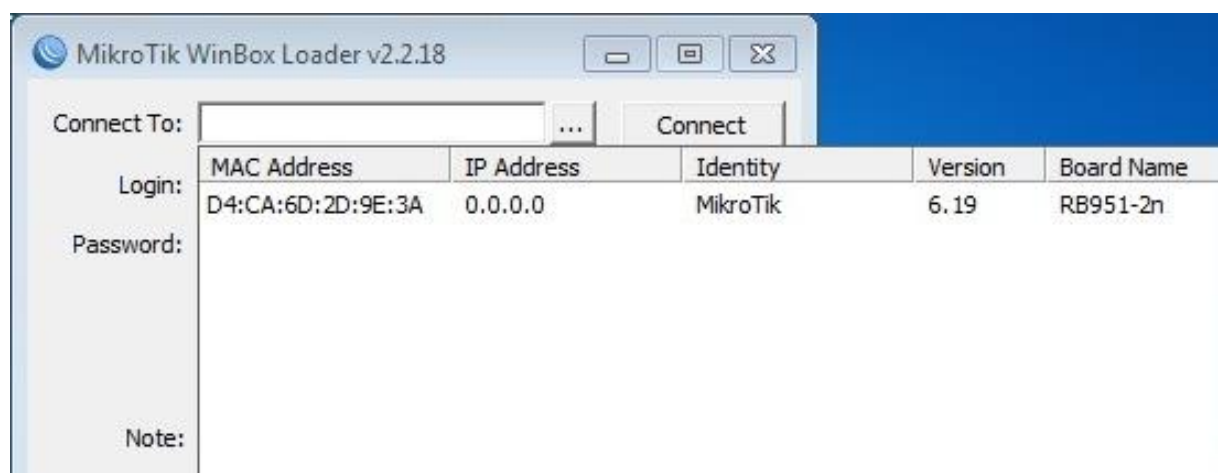
- 4) Connect an Ethernet cable to ether1 of Mikrotik routerboard.



- 5) Connect the other end of the cable to your computer.



- 6) Open Winbox and press on "..." button, then select your routerboard by clicking on its MAC Address and click on "connect" button (login=admin without password).

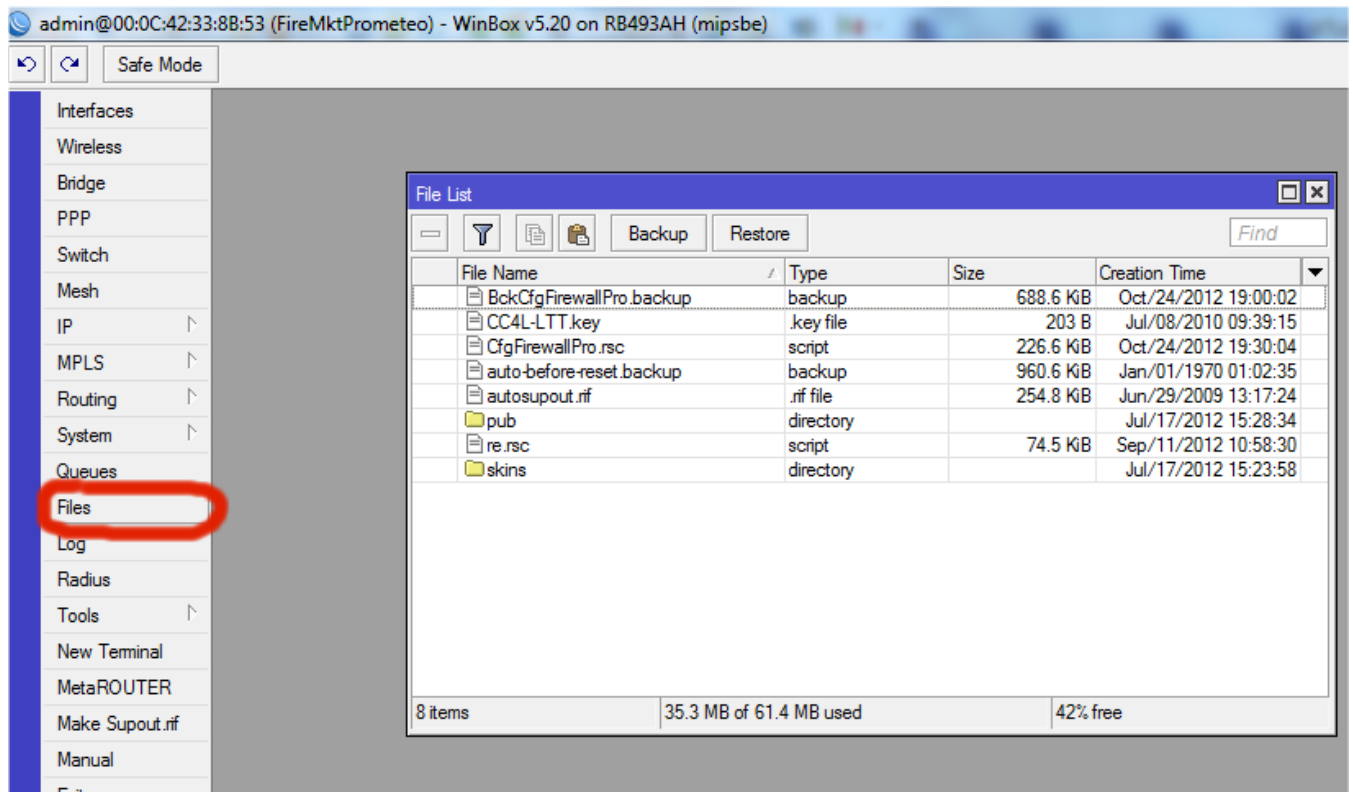


- 7) Go to "New Terminal" menu on the left and you should see "Terminal" window. Then, on it, write this command:

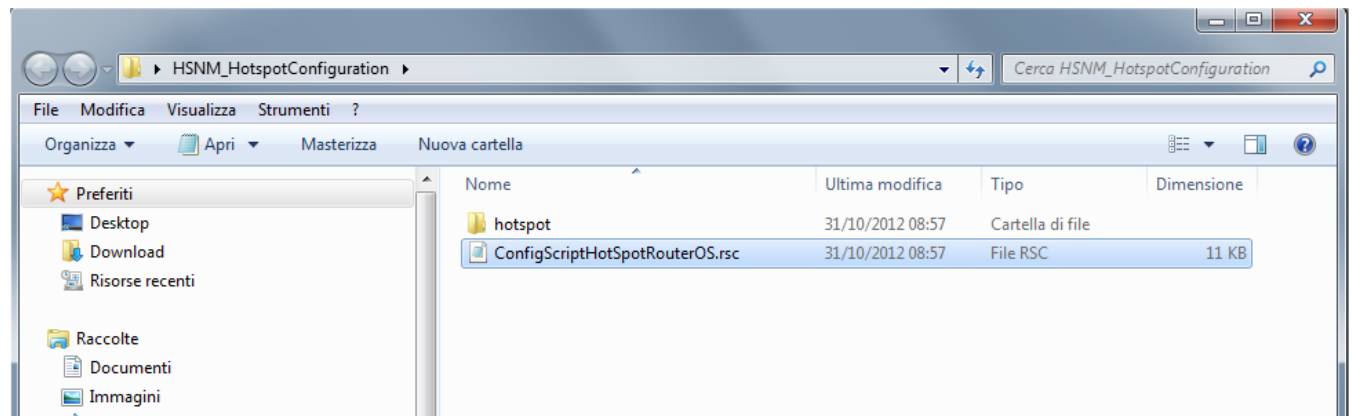
system reset-configuration no-defaults=yes
After that click on "Y" to reset and reboot the device

and press the "↵ Enter button"
after that press on "y" to reset and reboot the device.

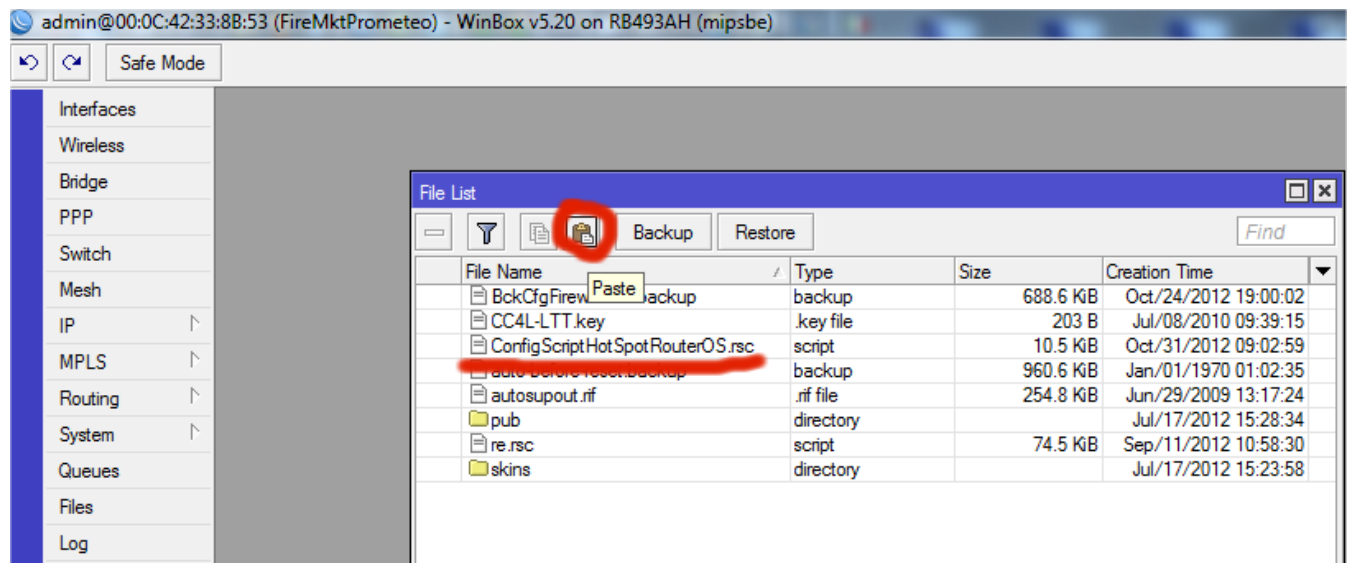
- 8) Now it will be possible to configure Mikrotik Gateway. So login again with Winbox and click on "File" menu on the left and you should see "File list" of your mikrotik routerboard.



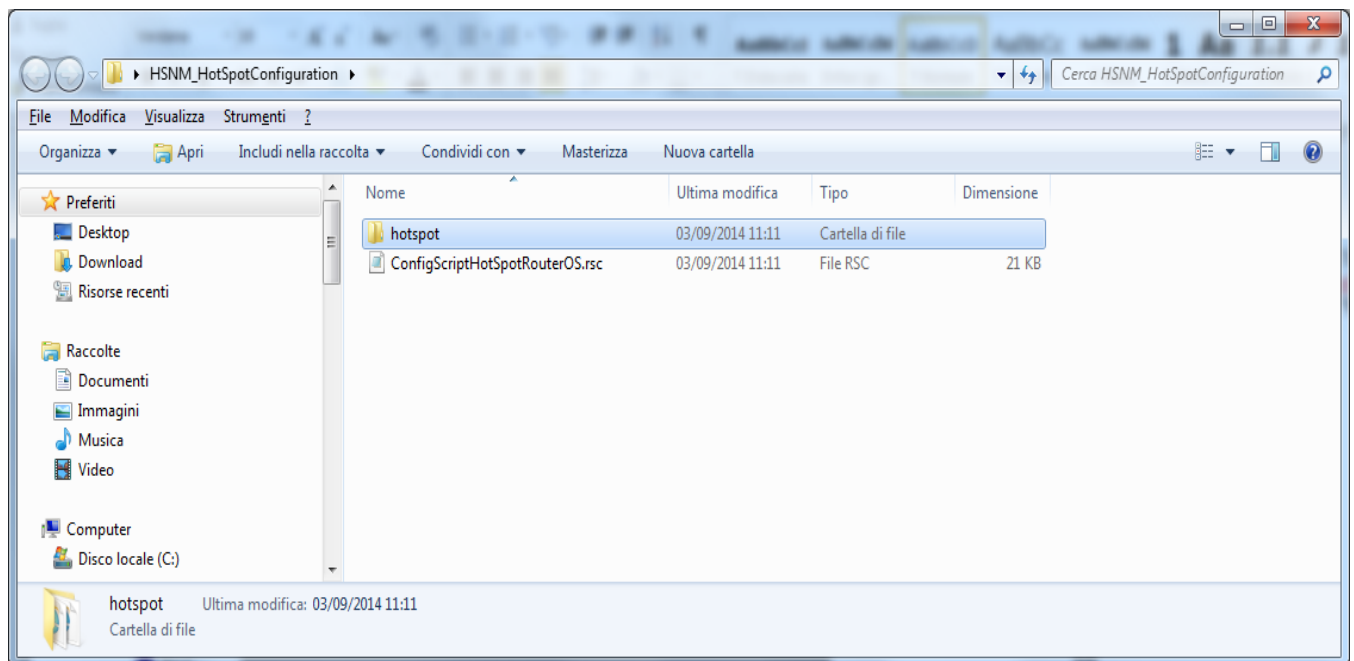
- 9) Open the folder on your PC where you have unzipped the file at step 1) and copy the .rsc file (in case of HotSpot configuration the file name will be ConfigScriptHotSpotRouterOS.rsc, while in case of PPPoE Server configuration the name will be ConfigScriptPPPoERouterOS.rsc).



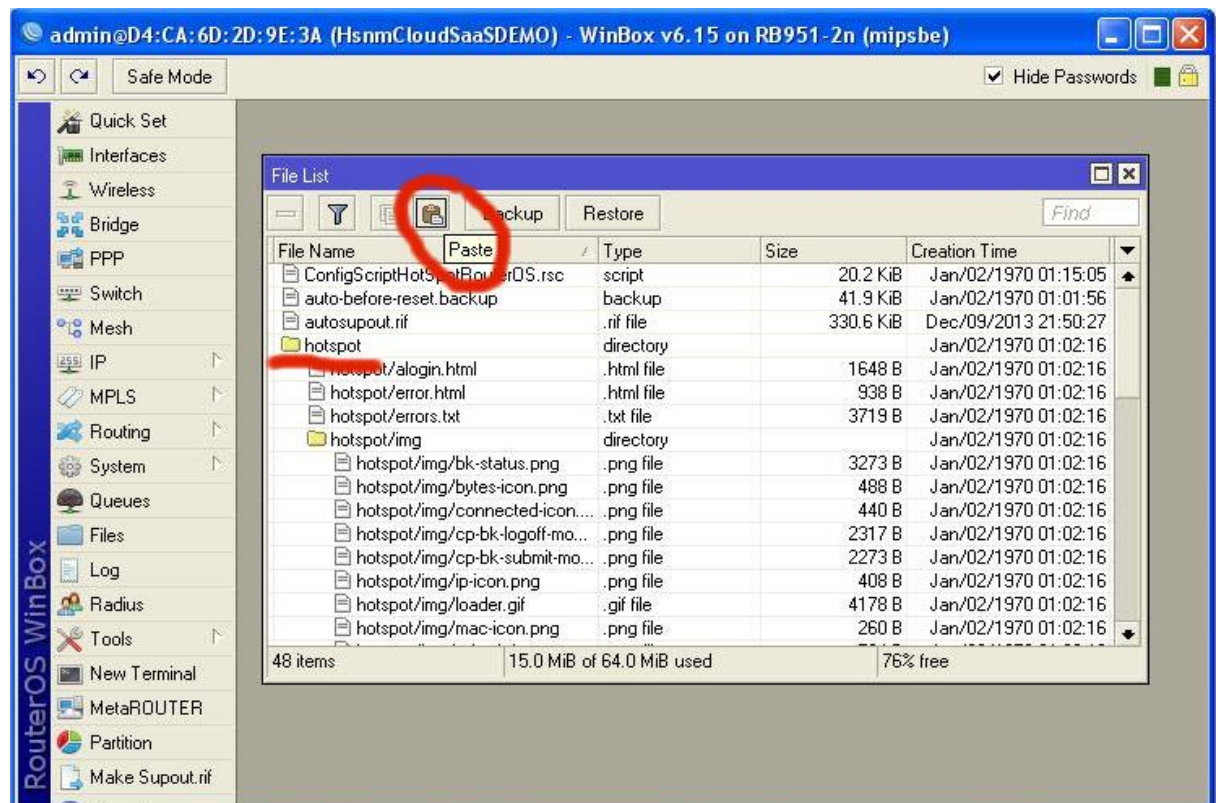
- 10) Come back to winbox and paste "ConfigScriptHotSpotRouterOS.rsc" (in case of HotSpot configuration) or "ConfigScriptPPPoERouterOS.rsc" (in case of PPPoE Server configuration) file into "File List".



- 11) Open again the folder on your PC where you have unzipped the file at step 1) and copy the "hotspot" folder in case you are configuring a HotSpot or the "roundrobindomains.txt" in case you are configuring a PPPoE Server.



- 12) Come back to winbox, delete the "hotspot" folder if there is already one, and click on paste icon to copy "hotspot" folder or "roundrobindomains" file into "File List".



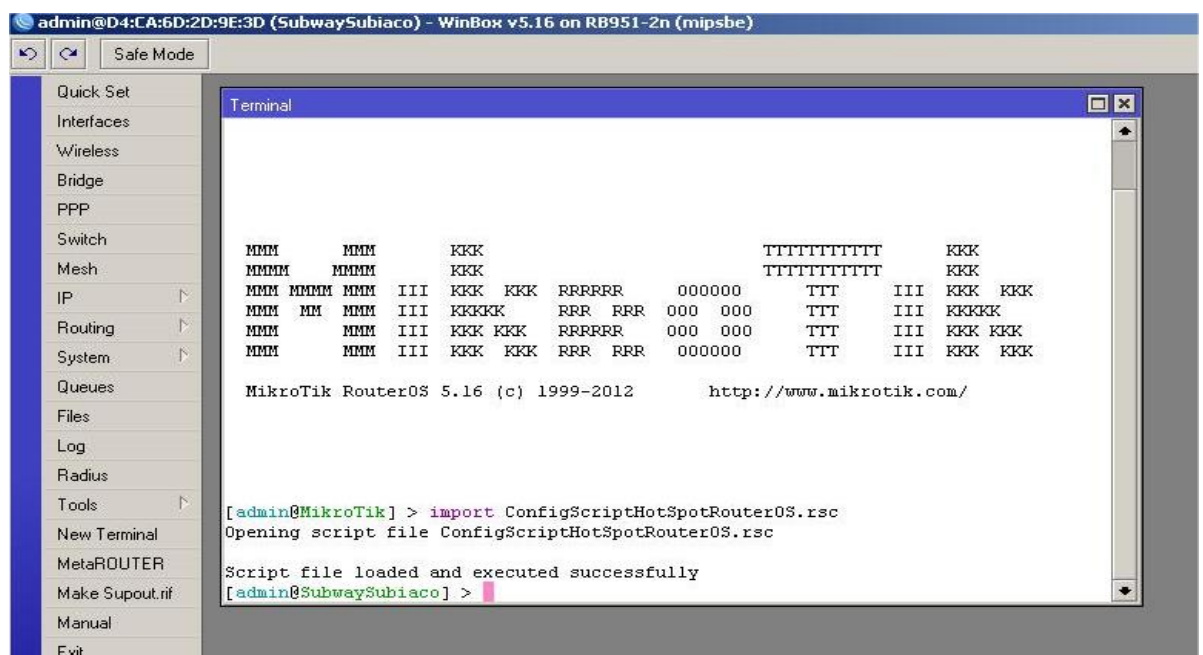
- 13) Click on "New Terminal" menu on the left and you should see "Terminal" window. Then on it write this command:

For HotSpot gateway

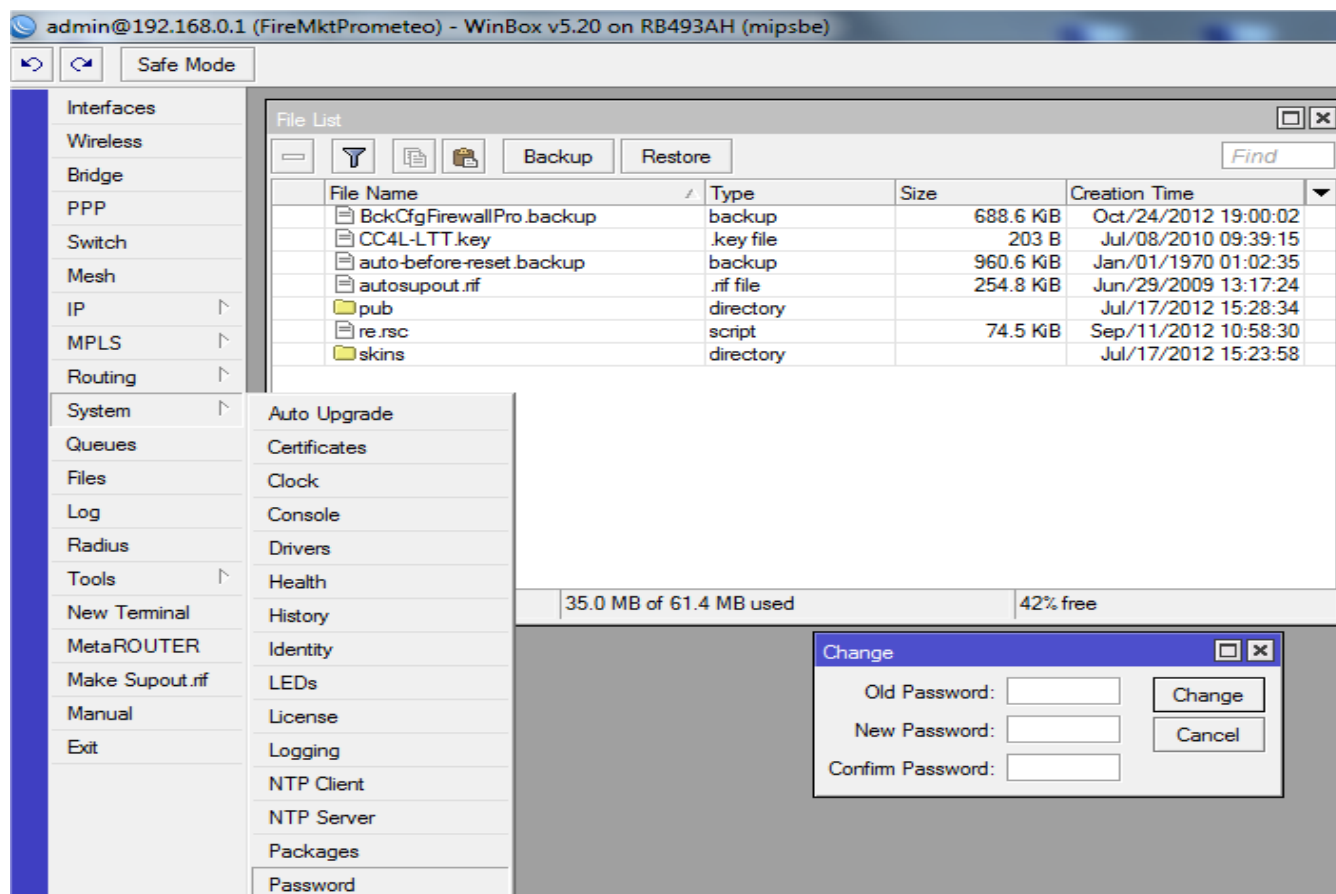
- import ConfigScriptHotSpotRouterOS.rsc

For PPPoE gateway

- import ConfigScriptPPPoERouterOS.rsc



- 14) Go to "System->Password" menu and insert a password for admin user on both "New password" and "Confirmed Password" fields, then click the "Change" button.



Now your mikrotik routerboard is configured.

Connecting the Hotspot Gateway

Connect the Mikrotik hotspot gateway that you have just configured to the same network where HSNM is connected.

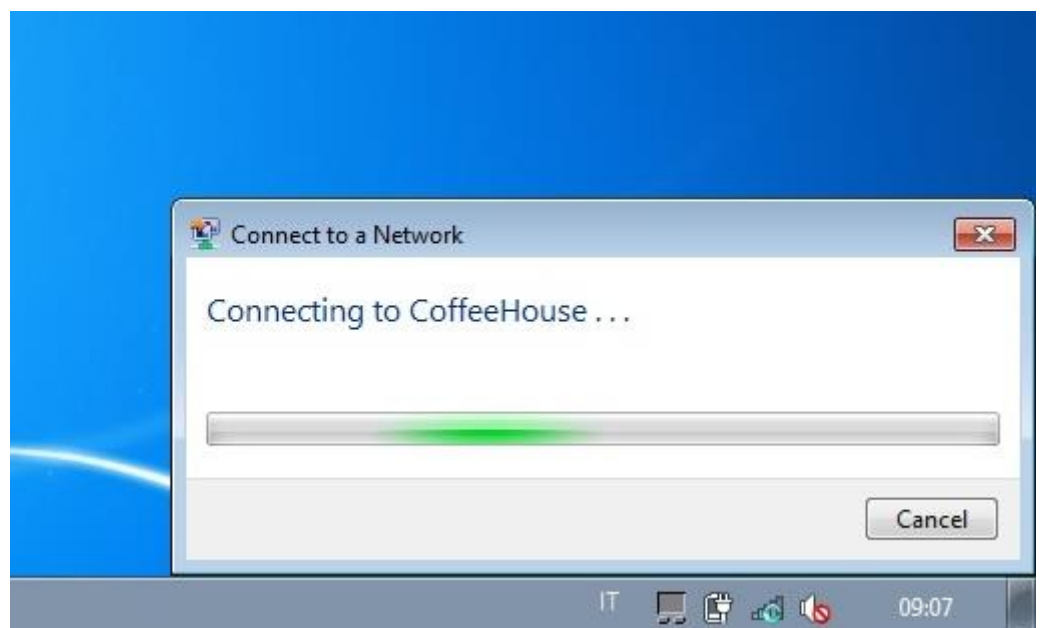


Notebook Connection

Search for the Wi-Fi networks with a notebook and you will find a network called "CoffeeHouse".

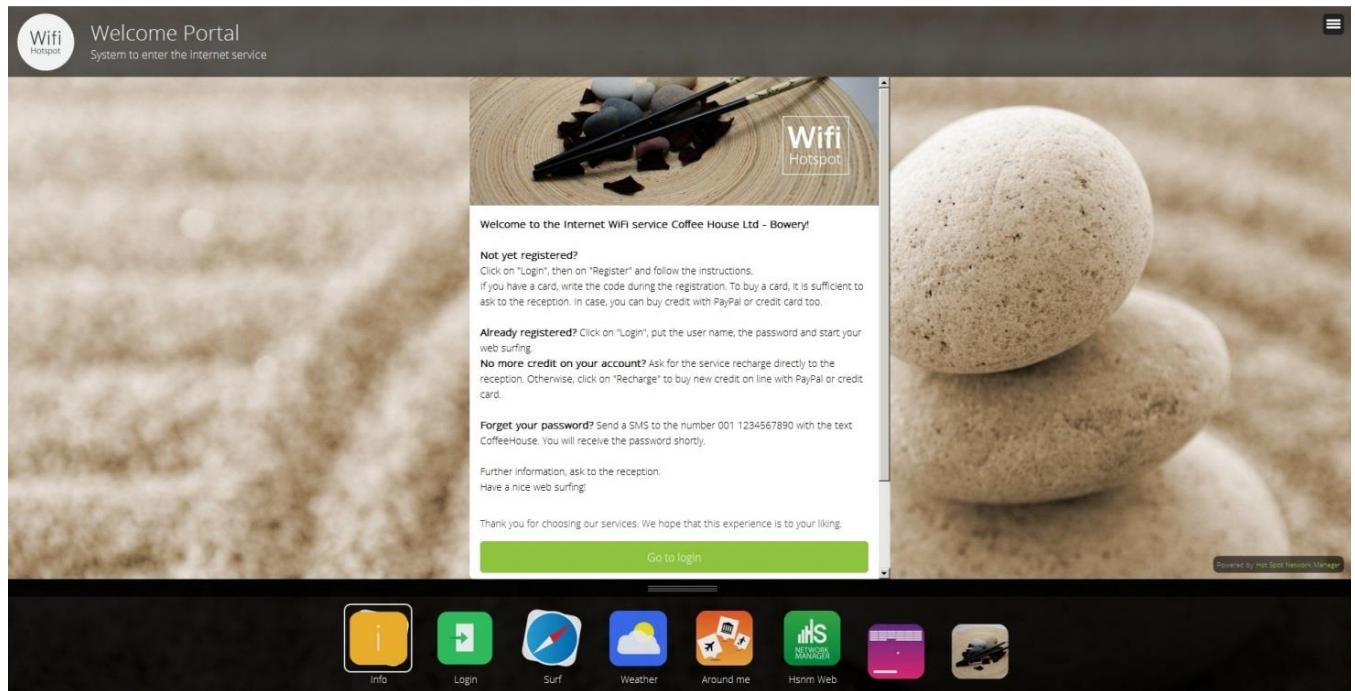


Connect to this network by clicking the "Connect" button.



Logging in to the Hotspot

In the notebook, open a web browser and try to load a website, you will be redirected to the hotspot Welcome Portal.



Documentation

For further reading, please click the "Admin" tab on the upper left side menu, then press the "📄 Documentation" button where you will find the "Administration Manual" and the "Set Up Your Mikrotik HotSpot or Your PPPoE Gateway" manual.