

Winbox

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General Information

Summary

The MikroTik RouterOS can be accessed remotely, using **http** and **WinBox Console**, for example, using the web browser of your workstation.

Description

The Winbox console is used for accessing the MikroTik Router configuration and management features using graphical user interface.

All Winbox interface functions are as close as possible to Console functions: all Winbox functions are exactly in the same hierarchy in Terminal Console and vice versa (except functions that are not implemented in Winbox). That is why there are no Winbox sections in the manual.

The Winbox Console plugin loader, the winbox.exe program, can be retrieved from the MikroTik router, the URL is **http://router_address/winbox/winbox.exe** Use any web browser on Windows 95/98/ME/NT4.0/2000/XP to retrieve the router's web page with the mentioned link. If your router is not specifically configured, you can also type in the web-browser just **http://router_address**

Note that if you change the default port www service on the router, you will have to specify it just after the IP address separated by colon (e.g. 10.0.0.1:8080)

The Winbox plugins are cached on the local disk for each MikroTik RouterOS??? version. The plugins are not downloaded, if they are in the cache, and the router has not been upgraded since the last time it has been accessed.

Starting the Winbox Console

When connecting to the MikroTik router via http (TCP port 80 by default), the router's Welcome Page is displayed in the web browser, for example:

By clicking on the Winbox Console link you can start the winbox.exe download. Choose **Open** to start the Winbox loader program (you can also save this program to your local disk, and run it from there):

The **winbox.exe** program opens the Winbox login window. Login to the router by specifying the IP address (and the port number if you have changed it from the default value of 80), user name, and password, for example:

You can also save some sessions to the list (to run them, just double-click on an item).

The Winbox Console of the router:

The Winbox Console uses TCP port 3986 (not secure) or 3987 (secure; requires **security** package to be installed). After logging onto the router you can work with the MikroTik router's configuration through the Winbox console and perform the same tasks as using the regular console.

Overview of Common Functions

You can use the menu bar to navigate through the router's configuration menus, open configuration windows. By double clicking on some list items in the windows you can open configuration windows for the specific items, and so on.

There are some hints for using the Winbox Console:

- To open the required window, simply click on the corresponding menu item
- Add a new entry
- Remove an existing entry
- Enable an item
- Disable an item
- Make or edit a comment
- Refresh a window
- Undo an action
- Redo an action
- Logout from the Winbox Console

Troubleshooting

Description

- **I cannot open the Winbox Console**
- Check the port and address for **www** service in **/ip service print** list. Make sure the address you are connecting from matches the network you've specified in **address** field and that you've specified the correct port in the Winbox loader. The command **/ip service set www port=80 address=0.0.0.0/0** will change these values to the default ones so you will be able to connect specifying just the correct address of the router in the address field of Winbox loader
- The Winbox Console uses TCP port 3986 (not secure) or 3987 (secure; requires **security** package to be installed). Make sure you have access to it through the firewall.

