RouterOS

Information Regarding MikroTik RouterOS

- Branding Maker

Branding Maker

Introduction

RouterOS allows slight system customization with the help of a branding package. This is a special system package, which you can generate from within your mikrotik.com account, in the account section "Branding maker". The resulting file will have a .dpk extension and can be installed by all the same means as an .npk package. The generated package can be installed in any RouterOS version. To install the package in a device you simply need to upload it and reboot the router, you can also use Netinstall tool for the same effect.

ASCII logo

This is the text logo shown when logging into the command line interface, i.e. Telnet, SSH, Winbox Terminal. The ASCII logo you can create right there in the browser, or copy from any other plaintext editor. Make sure it is not wider than the form in the branding maker page, or your logo will be distorted.

Default webpage

You can customize the default RouterOS information page, which shows up when accessing the router IP address, and a password is set on the device. When making the HTML file, you can use these variables:

- %version% will change to the router's current version
- %host% will change to the router's IP address. Use these variables in the Telnet link, or in the header.

The file must be named "index2.html". Make sure you use properly nested HTML to make your page compatible with all browsers. You can also upload images or JavaScript files, they must reference to the same path as the index file, no custom folder names can be used.If you wish to only change the MikroTik logo, and not upload the whole HTML file, the name of the default image is mikrotik_logo.png, uploading another file with the same name, will overwrite the original. Other values

- **Router name**: this is the Identity value in RouterOS, it can only be one word, don't use spaces or special characters there.
- **Company URL**: this is the value that appears in the console when you connect to your MikroTik device.

- **Manual URL**: documentation link which opens with a button in Webfig in the web interface.
- **LCD logo**: this will be displayed on devices equipped with LCD screen. Requirements for logo: no more than 160px width and no more than 72px height. CCR series have white (0xffffff) background, 2011 series have black (0x000000) background.
- **Default configuration**: Note that when using the default configuration file, the configuration is appended when simply installing the package, but after using system reset, only the configuration in your file will be used, all other standard default config will not be used during reset. The file must be a text/rsc file with one RouterOS command per line. You can use an export file from the console as a starting point, but we recommend only leaving the exact commands you want to run. This configuration will be kept even after the RouterOS reset.
- **Skins**: For skins, a file your_file_name.json must be uploaded into the "skins" directory.

In order to apply particular skin to a specific user group, you don't need to log into the router to do that. You can do it with branding by uploading a Default configuration file.
Or set the skin for the user group manually after reboot.

- **Custom files**: RouterOS 6.48.3 and above also supports uploading of custom files, they will be simply copied into a folder named "branding" and will be accessible from within RouterOS.

Method

You must first log in to a MikroTik account: https://mikrotik.com/client/login. If you do not have one, you can register here: https://mikrotik.com/client/register

From the main menu/dashboard, navigate to **OTHER**/**Branding Maker**. This will load up the configurator. Expand and ensure you read the **+Read this first!** section to fully understand the parameters.

Enter a **Router Name**, **Company URL**, **Manual URL** and **Telnet ASCII Logo**. Click **Make** once you are happy. You will then need to **make for either version 6.47** and above or **make for an older version**.

ACCOUNT INFORMATION
Home
Balance
Edit account details
Edit email settings
MUM registration history
Manage employees
Events (New)

WEB ORDERS
My web orders and invoices
Purchase a RouterOS license key

ROUTEROS KEYS
Search and view all keys
Request RouterBOARD license key
Transfer prepaid keys (*none*)
Make a demo key
Make a key from prepaid key (*1*)

CHR LICENCES
All CHR keys
CHR orders and invoices
Transfer CHR prepaid keys (*none*)

TRAINING
My training sessions
My certificates

SUPPORT
Support contact form
My support tickets
Supout.rif viewer

OTHER
Lockpack creator
Branding maker
Wireless link calculator

Branding package maker

Read this first!

Enter your custom information

Router name
EngineeringRoom-CCR

Company URL
https://www.digitalairwireless.com/

Manual URL

Telnet ASCII Logo



Hide "Mikrotik" from SNMP information.

Upload custom files

Choose file
Choose File | No file chosen

Select category:
Webfig login page

Upload

Uploaded files
No files uploaded.

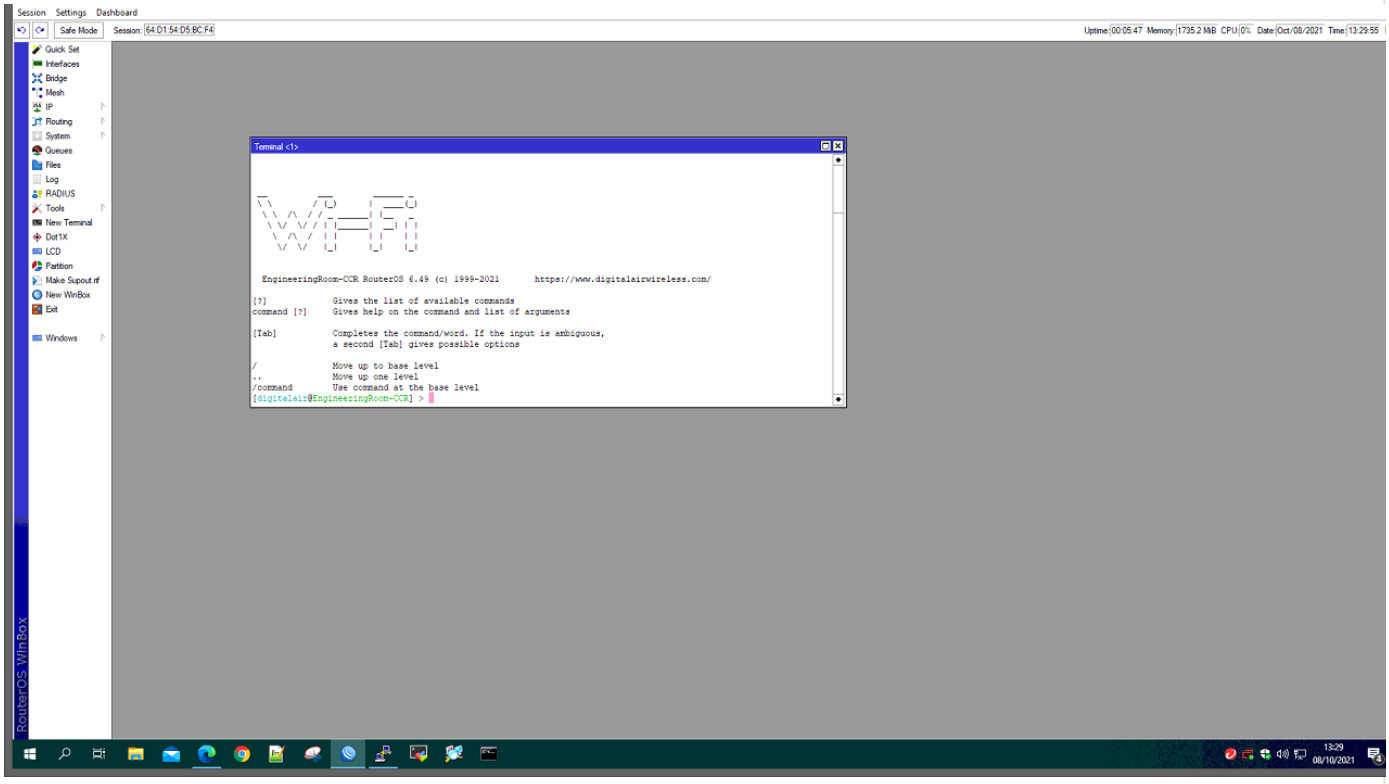
Your custom package

Result file	Action

LCD Logo
Default

Make | Clear fields | Remove all files

Make for v6.47 and above
Make for older versions



The generated package can be installed in any RouterOS version.

The ASCII logo above you can create right here in the browser, or copy from any other plaintext editor. Make sure it is not wider than the form above, or your logo will be distorted.

Then making the HTML file, you can use different kinds of variables. For example %version% will change to the router's current version. %host% will change to the router's IP address. Use these variables in the Telnet link, or in the header.

The "Router name" is actually the Identity in RouterOS, it can only be one word, don't use spaces or special characters there.

LCD logo will be displayed on devices equipped with LCD screens.
Requirements for logo: no more than 160px width and no more than 72px height.
CCR series have white (0xffffff) background, 2011 series have black (0x000000) background.

Note that when using the default configuration file, the configuration is appended when simply installing the package, but after using system reset, only the configuration in your file will be used, all other standard default config will not be used during reset.

To install the package on a device you simply need to upload it and reboot the router, you can also use Netinstall tool for the same effect.

To create a complete branding package, you need to upload the following files:

- The main HTML file will appear when entering the router's IP address in a web browser. The file must be named "index2.html". Make sure you use properly nested HTML to make your page compatible with all browsers.
- The images and other files are associated with this file.
- You can also upload just the router web page logo, which should be named "mikrotik_logo.png".
- The Hotspot login page logo, the file must be named "logobottom.png",
- For skins, a file default.json must be uploaded into the "skins" directory.
- For RouterOS default configuration, a text/rsc file with one RouterOS command per line. You can use an export file from the console. This configuration will be kept even after the RouterOS reset.