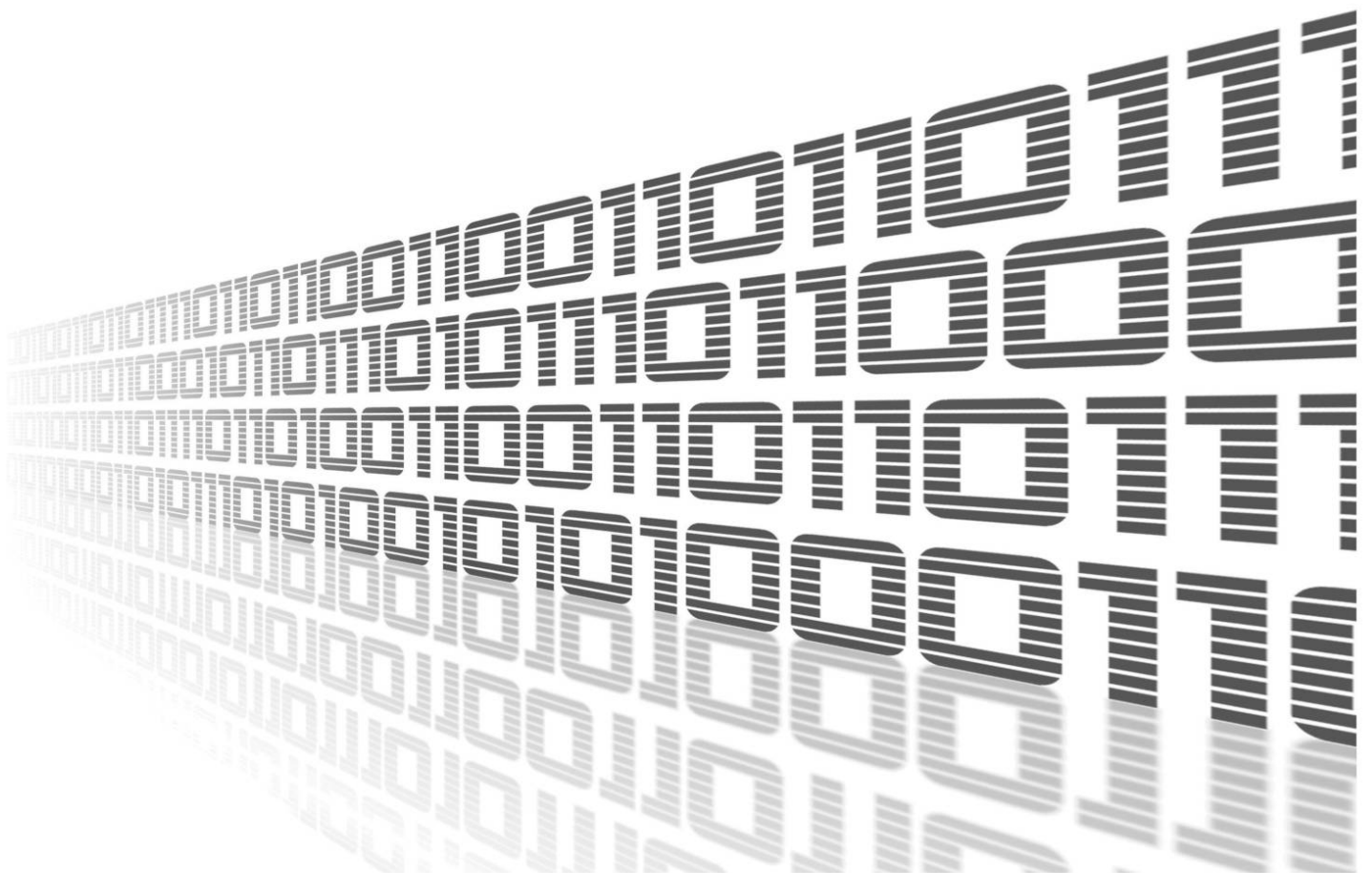


ADVANTECH



Web Terminal



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Used symbols



Danger – Information regarding user safety or potential damage to the router.



Attention – Problems that can arise in specific situations.



Information – Useful tips or information of special interest.

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1. Web Terminal Router App

1.1 Application Introduction

The *Web Terminal* Router App allows you to open a console window directly within the router's GUI, similar to connecting via the SSH protocol.

What are the benefits of this application?

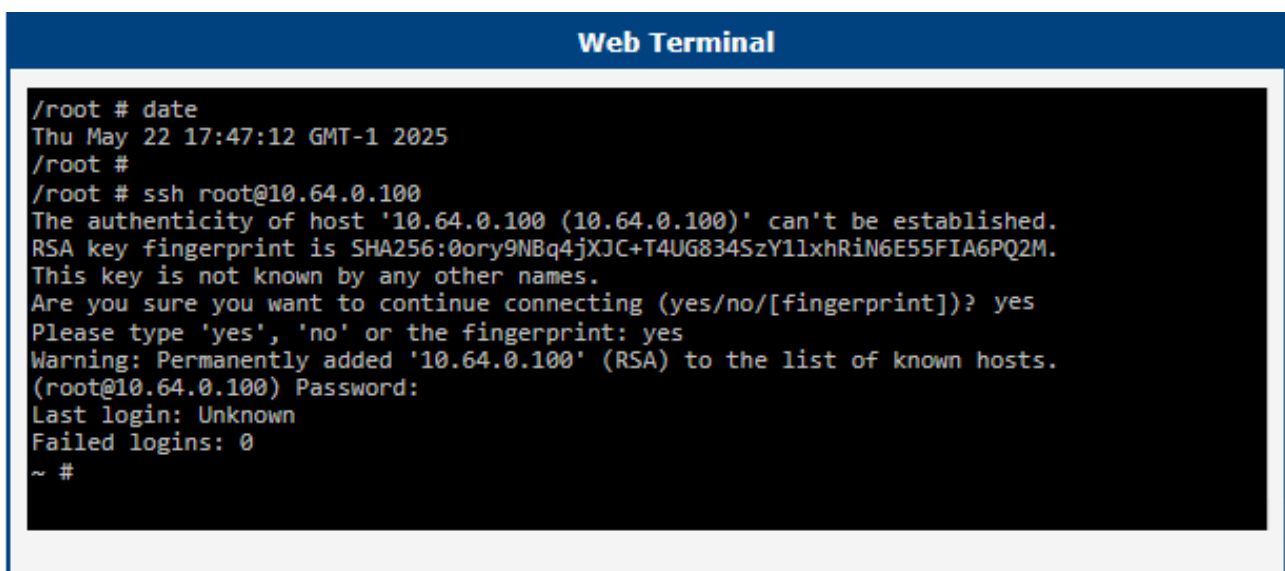
- If SSH access to the router is not available or is disabled for security reasons, this app provides an alternative method to connect to the router's console.
- Conversely, for temporary console access, it eliminates the need to enable the SSH protocol and configure associated settings (such as NAT or Firewall rules).
- Lastly, it offers a simple and quick way to access the router's console without requiring a separate SSH client application.
- It provides a remote command-line interface directly in the web GUI, allowing you to use the same commands available through a standard SSH connection (e.g., using PuTTY).

1.2 Installation

For the installation process of the *Web Terminal* Router App, see the Configuration manual (section *Customization* → *Router Apps*).

1.3 Application Usage

Once installed, navigate to *Customization* → *Router Apps* in the router's menu and click on the *Web Terminal* link. A console window will open, as shown in the image below. In this window, you can operate as you would in a standard console session. It is even possible to use the `ssh` command to connect to another router or machine, as demonstrated in the image.

The image shows a web browser window with a dark blue header bar containing the text "Web Terminal" in white. Below the header is a black terminal window with white text. The terminal session starts with the prompt "/root #". The user enters "date", and the output is "Thu May 22 17:47:12 GMT-1 2025". The user then enters "ssh root@10.64.0.100". The terminal displays a series of messages: "The authenticity of host '10.64.0.100 (10.64.0.100)' can't be established.", "RSA key fingerprint is SHA256:0ory9NBq4jXJC+T4UG834SzY1lxhRiN6E55FIA6PQ2M.", "This key is not known by any other names.", "Are you sure you want to continue connecting (yes/no/[fingerprint])? yes", "Please type 'yes', 'no' or the fingerprint: yes", "Warning: Permanently added '10.64.0.100' (RSA) to the list of known hosts.", "(root@10.64.0.100) Password:", "Last login: Unknown", "Failed logins: 0", and finally "~ #".

```
Web Terminal

/root # date
Thu May 22 17:47:12 GMT-1 2025
/root #
/root # ssh root@10.64.0.100
The authenticity of host '10.64.0.100 (10.64.0.100)' can't be established.
RSA key fingerprint is SHA256:0ory9NBq4jXJC+T4UG834SzY1lxhRiN6E55FIA6PQ2M.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Please type 'yes', 'no' or the fingerprint: yes
Warning: Permanently added '10.64.0.100' (RSA) to the list of known hosts.
(root@10.64.0.100) Password:
Last login: Unknown
Failed logins: 0
~ #
```

Figure 1: Web Terminal GUI

This router app includes another useful feature: the ability to upload files to and download files from the `/tmp` directory on the router. Select the *Temporary Files* menu item within the Web Terminal interface to access the GUI shown in the following image. You can use the *Browse...* button to select a file and the *Upload* button to transfer it to the `/tmp` directory. Clicking on a file name in the list will download it. Note that files cannot be deleted from the `/tmp` directory through this interface; use the `rm` command in the console for this purpose.

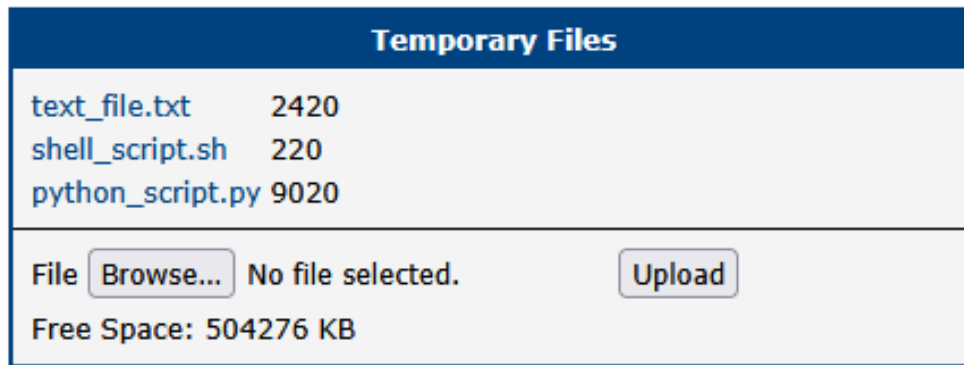


Figure 2: Temporary Files GUI

2. Related Documents

You can obtain product-related documents on *Engineering Portal* at icr.advantech.com address.

To get your router's *Quick Start Guide*, *User Manual*, *Configuration Manual*, or *Firmware* go to the [Router Models](#) page, find the required model, and switch to the *Manuals* or *Firmware* tab, respectively.

The *Router Apps* installation packages and manuals are available on the [Router Apps](#) page.

For the *Development Documents*, go to the [Development](#) page.