ADVANTECH Samba Router Application User Guide

Contents

ADVANTECH

ADVANTECH Samba Router Application

Product Information

Specifications

Item	Description
Enable Samba server	Enables creation of Samba server
Workgroup	Enter the workgroup name where the Samba server will operate
Netbios name	Enter the name of the Samba server
Drive name	Enter drive name
User	Enter username for connection to Samba server
Password	Enter the password for connection to Samba server
Interface eth0	Enable Samba interface of eth0 port
Interface eth1	Enable Samba interface of eth1 port

Product Usage Instructions

Installation
The Samba router app is not included in the standard router firmware. To install it, follow the instructions in the Configuration manual (refer to Chapter Related Documents).

Accessing the Web Interface
Once the module is installed, you can access its GUI by clicking on the module name on the Router apps page of the router's web interface.

Web Interface Menu
The left part of the GUI contains the following menu sections:

- Status
- Configuration

- Information
- Customization

Configuration

To configure the Samba router app, follow these steps:

1. Click on the Configuration menu section in the main menu of the module's web interface.
2. You will see an overview of configurable items.
3. Adjust the settings according to your requirements.
4. Click Save or Apply to save the changes.

Global Configuration

To configure global settings for the Samba router app, follow these steps:

1. Click on the Global item in the main menu of the module's web interface.
2. You will see a form with various configurable items.
3. Fill in the necessary information for each item, such as enabling the Samba server, entering the workgroup name, specifying the NetBIOS name, drive name, username, and password, and enabling Samba interfaces for eth0 and eth1 ports.
4. Click Save or Apply to save the changes.

FAQ

- **Q: Can I install the Samba router app on any router?**

  A: The Samba router app may not be compatible with all routers. Please refer to the Configuration manual or check the compatibility of your router before attempting to install the Samba router app.
- **Q: How can I access the Samba module's web interface?**

  A: You can access the Samba module's web interface by clicking on the module name on the Router apps page of the router's web interface.
- **Q: What settings can I configure for the Samba router app?**

  A: You can configure settings such as enabling the Samba server, specifying the workgroup name, NetBIOS name, drive name, username, and password, and enabling Samba interfaces for specific ports.

Used symbols

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

- 🟡 **Attention** – Problems that can arise in specific situations.

- ℹ **Information** – Useful tips or information of special interest.

- ✏ **Example** – Example of function, command, or script.

Changelog

Samba Changelog

- **v1.0.0 (2019-12-13)**

  First release.
- **v1.1.0 (2020-10-01)**

  Updated CSS and HTML code to match firmware 6.2.0+.
- **v1.2.0 (2022-11-03)**

  Reworked license information.
- **v1.3.0 (2023-02-15)**

  Updated to version 4.17.5.

Description of the module

- The router app is not contained in the standard router firmware. Uploading of this router app is described in the Configuration manual (see Chapter Related Documents).
- Samba is the standard Windows interoperability suite of programs for Linux and Unix. The router app Samba handles the creation of the Samba server.

Figure 1: Samba logo

Web Interface

- Once the installation of the module is complete, the module's GUI can be invoked by clicking the module name on the Router apps page of the router's web interface.
- The left part of this GUI contains a menu with a Status menu section, a Configuration menu section, and an Information menu section. The customization menu section contains only the Return item, which switches back from the module's web page to the router's web configuration pages. The main menu of the module's GUI is shown in Figure 2.
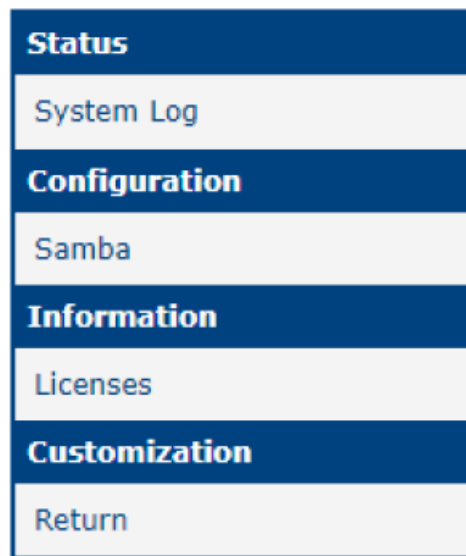
Figure 2: Menu

Configuration

Global

All Samba router app settings can be configured by clicking on the Global item in the main menu of the module web interface. An overview of configurable items is given below.

Figure 3: Configuration

Item	Description
Enable Samba server	Enables creation of Samba server
Workgroup	Enter the workgroup name where the Samba server will operate
Netbios name	Enter the name of the Samba server
Drive name	Enter drive name
User	Enter username for connection to Samba server
Password	Enter the password for connection to the Samba server
Interface eth0	Enable Samba interface of eth0 port.
Interface eth1	Enable Samba interface of eth1 port.

Table 1: Configuration items description

Important Information

licenses

Summarizes Open-Source Software (OSS) licenses used by this module.

SAMBA Licenses

Project	License	More Information
samba	samba	License

Figure 4: licenses

Related Documents

- You can obtain product-related documents on Engineering Portal at **icr.advantech.cz** 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 DevZone page.

Documents / Resources

ADVANTECH Samba Router Application [pdf] User Guide
Samba Router Application, Router Application, Application

References

- **A** **Advantech 4G, 5G Cellular Routers & Gateways for IoT applications - Engineering Portal**
- **A** **Advantech 4G, 5G Cellular Routers & Gateways for IoT applications - Engineering Portal**
- **A** **DevZone - Cellular Routers Engineering Portal**
- **A** **Router Apps - Cellular Routers Engineering Portal**
- **A** **Router Models - Cellular Routers Engineering Portal**
- **User Manual**