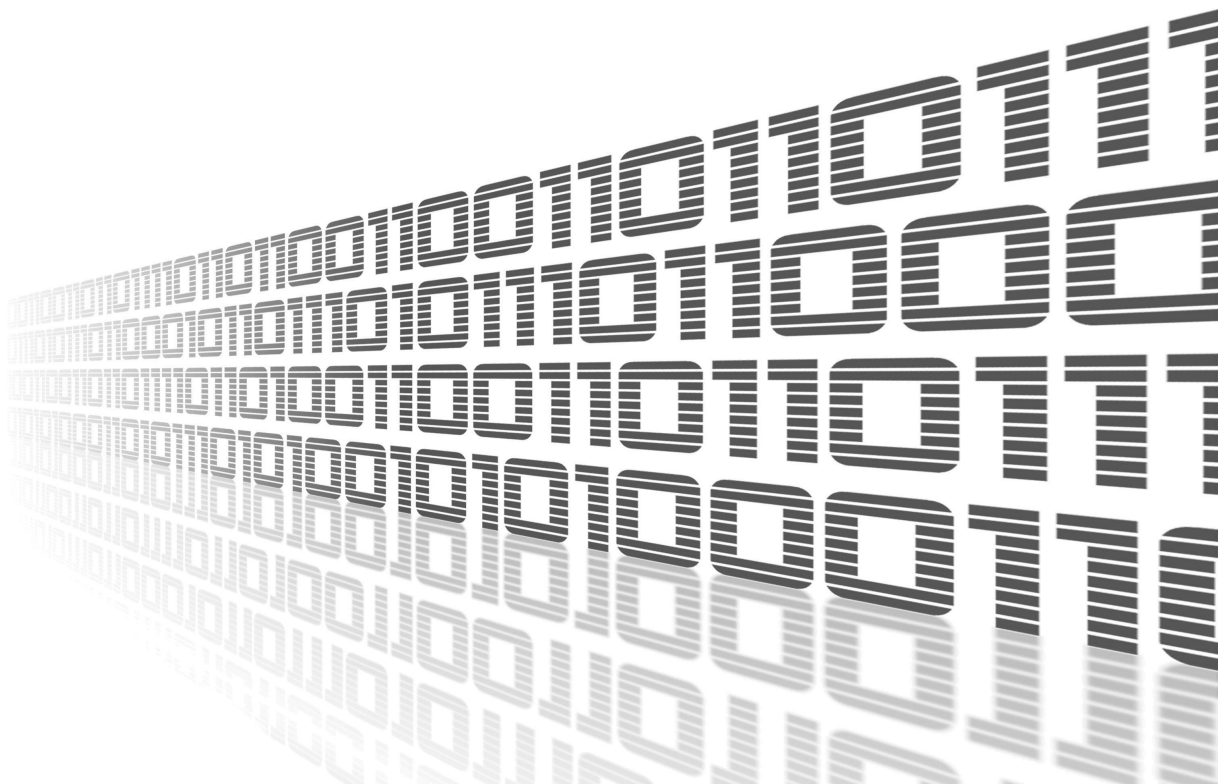




User Module

Send Report

APPLICATION NOTE



Used symbols



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



Attention – Problems that may arise in specific situations.



Information or notice – Useful tips or information of special interest.



Example – Example of function, command or script.



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1. Description of user module



User module *Send Report* is not contained in the standard router firmware. Uploading of this user module is described in the Configuration manual (see [1, 2]).



The user module is v2 and v3 router platforms compatible.

This module allows regular sending *System log* and *Report* files to the specified email address or FTP server. *System log* contains system log statement. This is the same file, which can be obtained by pressing the *Save Log* button on the page with system log in the web interface of the router. *Report* file contains system information (e.g. firmware version, serial number, CPU usage etc.), mobile module information, peripheral ports information, network information, route table, system log, current router configuration and many more. This is the same file, which can be obtained by pressing the *Save Report* button on the page with system log in the web interface of the router.

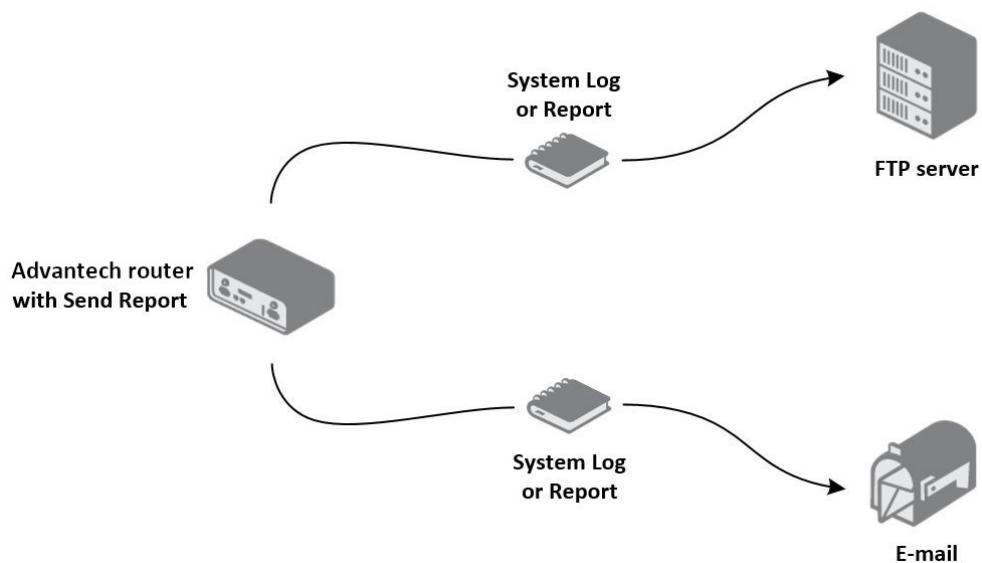


Figure 1: Scheme

2. Web interface

For configuration *Send Report* user module is available web interface, which is invoked by pressing the module name on the *User modules* page of the router web interface. The left part of the web interface (i.e. menu) contains only the *Return* item, which switches this web interface to the interface of the router. Module configuration is performed using the form in the right window of the web interface (*Reports to Supervisory Server*).

The first part of configuration form contains *System log* and *Report* items. For regular sending (via email or FTP server) system log statement is necessary to tick off the *System log* check box. For regular sending file with detailed report (all support needed information in one file) is necessary to tick off the *Report* check box.

If you want to send *System log* or *Report* to your email, tick off *Send to email* check box and fill in your email address (*Email Address* box). If you want to send files to FTP server, tick off *Send to FTP* check box and fill in *FTP Server Address*, username and password (*User+Pass*) and alternatively specify the directory for saving files (*Folder*).

In the last part of the form, it is possible to specify how often *System log* or *Report* will be sent. The meaning of the individual items is as follows:

| Item | Description |
|-------------------|--|
| Everyday | Once a day (always at 8:00 AM) |
| Everyweek | Once a week (always on the first day of the week – Monday) |
| Every ___ hour | Every <i>X</i> th hour (<i>X</i> equals the set value) |
| Every ___ minutes | Every <i>X</i> th minute (<i>X</i> equals the set value) |

Table 1: The choice of sending frequency

All changes in settings will be applied after pressing the *Apply* button.

| Reports to Supervisory Server | |
|---|--|
| <input type="checkbox"/> System Log | |
| <input type="checkbox"/> Report | |
| <input type="checkbox"/> Send to email | |
| Email Address | <input type="text"/> |
| <input type="checkbox"/> Send to FTP | |
| FTP Server Address | <input type="text"/> |
| User | <input type="text"/> |
| Pass | <input type="text"/> |
| Folder | <input type="text"/> |
| Time | |
| <input checked="" type="radio"/> Everyday | |
| <input type="radio"/> Everyweek | |
| <input type="radio"/> Every | <input type="text" value="1"/> hour |
| <input type="radio"/> Every | <input type="text" value="1"/> minutes |
| <input type="button" value="Apply"/> | |

Figure 2: Configuration form

3. Licenses

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

| Send Report Licenses | | |
|----------------------|---------|-------------------------|
| Project | License | More Information |
| ncftp | Ncftp | License |

Figure 3: Licenses

4. Related Documents

- [1] Advantech Czech: **v2 Routers Configuration Manual** (MAN-0021-EN)
- [2] Advantech Czech: **SmartFlex Configuration Manual** (MAN-0023-EN)
- [3] Advantech Czech: **SmartMotion Configuration Manual** (MAN-0024-EN)
- [4] Advantech Czech: **SmartStart Configuration Manual** (MAN-0022-EN)
- [5] Advantech Czech: **ICR-3200 Configuration Manual** (MAN-0042-EN)



Product-related documents can be obtained on *Engineering Portal* at icr.advantech.cz address.