

ADVANTECH WoL Gateway Router App User Guide

Home » Advantech » ADVANTECH WoL Gateway Router App User Guide 12





Contents

- 1 WoL Gateway Router App
- 2 Changelog
- 3 Description of router app
- 4 Configuration of router app
- **5 Related Documents**
- 6 Documents / Resources
 - **6.1 References**
- 7 Related Posts

WoL Gateway Router App

© 2023 Advantech Czech s.r.o. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photography, recording, or any information storage and retrieval system without written consent.

Information in this manual is subject to change without notice, and it does not represent a commitment on the part of Advantech.

Advantech Czech s.r.o. shall not be liable for incidental or consequential damages resulting from the furnishing, performance, or use of this manual.

All brand names used in this manual are the registered trademarks of their respective owners. The use of trademarks or other designations in this publication is for reference purposes only and does not constitute an endorsement by the trademark holder.

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.



Example – Example of function, command or script.

Changelog

1.1WoL Gateway Changelog

v1.0.0 (2012-09-27)

First release.

v1.0.1 (2013-02-18)

• Fixed issue with starting DHCP server.

v1.0.2 (2014-01-03)

• Added support of FW 4.0.0+.

v1.1.0 (2017-03-16)

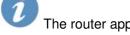
· Recompiled with new SDK.

v1.1.1 (2018-09-27)

Added expected ranges of values to JavaSript error messages.

Description of router app

Router app is not contained in the standard router firmware. Uploading of this router app is described in the Configuration manual (see ChapterRelated Documents).



The router app is not v4 router platform compatible.

This module allows router to listen to communication on the specified UDP port, receive packets from a predetermined source (Source IP) and forward these packets to appropriate address (Destination IP) as a broadcast. The module also puts the final touches to DHCP server configuration.

For configuration WoL Gateway router app is available web interface, which is invoked by pressing the module name on the Router Apps page of the router web interface. The left part of the web interface (ie. menu) contains only the Return item, which switches this web interface to the interface of the router.

WoL Gateway

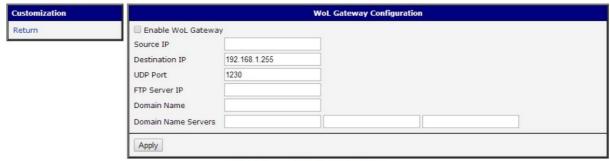


Figure 1: Web interface

Configuration of router app

The actual configuration of this router app is performed via the form on the right side. The first item in this form – Enable WoL Gateway – is used to activate these router app. Meaning of other items is described in the table below:

Item	Description
Source IP	Source IP address (packets are received from this address)
Destination IP	Destination IP address (packets are forwarded to this address)
UDP Port	UDP port used for communication
FTP Server IP	IP address of an FTP server (corresponds to DHCP parameter 161)
Domain Name	Domain Name
Domain Name Servers	Specifies up to three DNS servers

Table 1:Description of items in web interface

All changes will take effect after pressing the Apply button.



Figure 2: Configuration form

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.



Advantech Czech s.r.o., Sokolska 71, 562 04 Usti nad Orlici, Czech Republic Document No. APP-0071-EN, revision from 26th October, 2023.

Documents / Resources



ADVANTECH WoL Gateway Router App [pdf] User Guide WoL Gateway Router App, Gateway Router App, App

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

Manuals+,