Ruijie Reyee RG-EST and RG-AirMetro Series Wireless Bridges

ReyeeOS 1.280 Release Notes

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Preface

Intended Audience

This document is intended for:

- Network engineers
- Technical support and servicing engineers
- Network administrators

Technical Support

- Official Website of Ruijie Reyee: https://reyee.ruijie.com
- Technical Support Website: https://reyee.ruijie.com/en-global/support
- Case Portal: https://www.ruijienetworks.com/support/caseportal
- Community: https://community.ruijienetworks.com
- Technical Support Email: service_rj@ruijienetworks.com
- Online Robot/Live Chat: https://reyee.ruijie.com/en-global/rita

Conventions

1. Signs

The signs used in this document are described as follows:

Warning

An alert that calls attention to important rules and information that if not understood or followed can result in data loss or equipment damage.

Caution

An alert that calls attention to essential information that if not understood or followed can result in function failure or performance degradation.

Note

An alert that contains additional or supplementary information that if not understood or followed will not lead to serious consequences.

Specification

An alert that contains a description of product or version support.

2. Note

This manual introduces the version information, revision history, features, resolved issues, open issues, supported platforms, software upgrading and related documentation.

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1 Version Information

Version Number	AP_3.0(1)B11P280,Release(11172019)
Version Type	Official release
Applicable Products	RG- AirMetro460F V1.xx RG- AirMetro460G V1.xx RG- AirMetro550G-B V1.xx
Applicable Clients	Outside Clients
Release Type	Official release
Release Date	May 21, 2024
Based Version Number	AP_3.0(1)B11P246,Release(10240417)
Description	Bug fixing and software iteration

1.1 Revision History

Release Date	Version Number	Status
2024-01-16	AP_3.0(1)B11P246,Release(11131115)	Available

2 Features

2.1 New Features

Function Module	Source	Description
Router mode	Market feedback	The device supports the routing function and NAT forwarding.
Automatic distance measurement	Market feedback	The device can automatically measure the distance between the BaseStation and the CPE after they are bridged.
Wi-Fi Protection	Market feedback	This feature protects the network against de-authentication attacks.

2.2 Changed Features

Function Module	Source	Description
MTK-to-Qualcomm device bridging alarm	Market feedback	When an MTK device is bridged to a Qualcomm device, a pop-up alarm indicating incompatibility is displayed on the web interface.
Unknown unicast to ARP	Market feedback	The device automatically initiates an ARP request when it received an unknown unicast packet.
One-touch pairing	Market feedback	2.4 GHz devices support this function.
Spectrum scan	Market feedback	2.4 GHz devices support this function.

3 Resolved Issues

Bug ID	Description
1168058	Fixed the issue where new configurations do not apply due to insufficient flash memory after prolonged device operation.

4 Open Issues

Bug ID	Description	Avoidance Measures
NA	NA	NA

5 Supported Platforms

5.1 Hardware Platform

Hardware Model	Hardware Version Number	Description
RG-AirMetro550G-B	V1.xx	Bridge, dual-band, 2.4 GHz single-stream and 5 GHz dual-stream, supporting IEEE 802.11b/g/n, two 1000 Mbps ports
RG-AirMetro460F	V1.xx	Bridge, dual-band, 2.4 GHz single-stream and 5 GHz dual-stream, 5 GHz band supporting IEEE 802.11ac/n/a, 2.4 GHz band supporting IEEE 802.11b/g/n, one 100 Mbps port
RG-AirMetro460G	V1.xx	Bridge, dual-band, 2.4 GHz single-stream and 5 GHz dual-stream, 5 GHz band supporting IEEE 802.11ac/n/a, 2.4 GHz band supporting IEEE 802.11b/g/n, one 1000 Mbps port

5.2 Interoperability Information

N/A

5.3 Compatibility

N/A

6 Software Upgrading

6.1 Upgrade File

File Name	AP_3.0(1)B11P280_AIRMETRO460F_11172019_encrypto_v1.tar.gz
Description	Installation package
File Size	8,685,634 Bytes
Applicable Product	RG-AirMetro460F V1.xx
MD5	971161c6ae9af15a5a5afa50351523a9
Software Version	ReyeeOS 2.280.0.1720 AP_3.0(1)B11P280,Release(11172019)

File Name	AP_3.0(1)B11P280_AIRMETRO460G_11172019_encrypto_v1.tar.gz
Description	Installation package
File Size	8,655,087 Bytes
Applicable Product	RG-AirMetro460G V1.xx RG-AirMetro550G-B V1.xx
MD5	9b2a6ce0d5b58fdb3c1f905b58b1317b
Software Version	ReyeeOS 2.280.0.1720 AP_3.0(1)B11P280,Release(11172019)

6.2 Requirements

N/A

6.3 Important Points to Remember

- Upgrade can be performed on site only after the upgrade is verified to be successful in the laboratory environment.
- Back up the customer's database before upgrading.
- If a prompt message indicating that restart is not allowed appears during the upgrade, do not power off the device, reset the system, or plug in/unplug any module.
- The BOOT program does not need to be upgraded.
- RG-EST and RG-AirMetro series can be upgraded locally through the web interface of the standalone device,

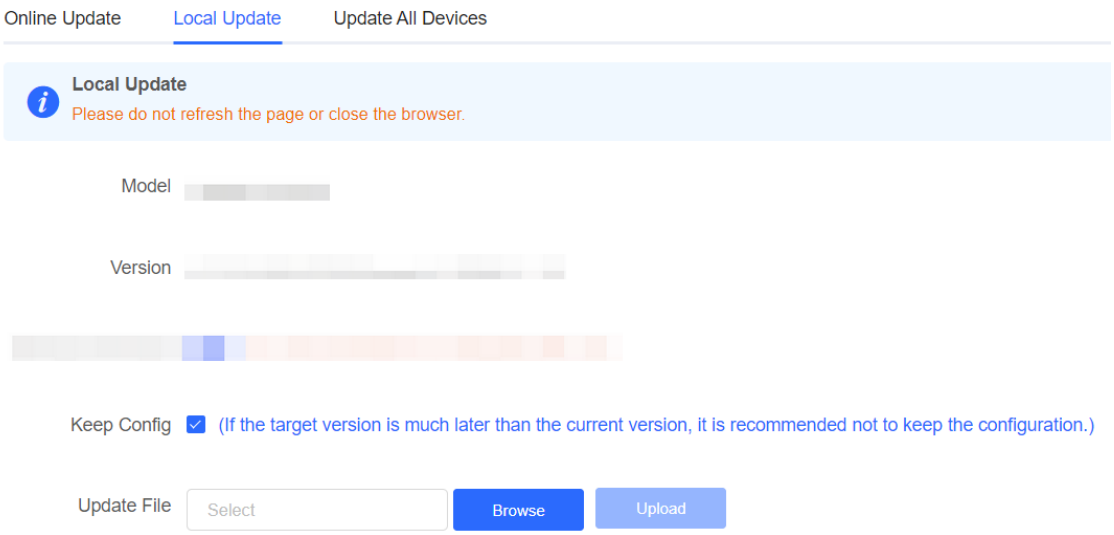
or remotely through Ruijie Cloud. For local upgrade, three upgrade modes are supported: local upgrade, online update, and network-wide upgrade. This document describes only the steps for local upgrade.

- During the upgrade, pay attention to the prompts on the page. If the upgrade fails, try to upgrade again. If the upgrade persistently fails, contact Ruijie Networks technical support.

6.4 Upgrade Procedure

(1) Log in to the web interface of the device, and choose **System** > **Update** > **Local Update**.

(2) Click **Browse** next to the **Update File** field to select the local software installation package. After the target file is selected, click **Upload** to upload the file. After the installation package is uploaded, click **OK** to start the upgrade process.



7 Related Documentation

Document Title	Description
RG-EST and RG-AirMetro Series Wireless Bridges Web-based Configuration Guide , Release ReyeeOS 1.280	This document provides a detailed introduction to the web configuration and debugging methods for wireless bridges, covering bridge role switching, adjustment of country/region codes, optimization of Wi-Fi networks, configuration of IP addresses, management of both management Wi-Fi and bridging Wi-Fi settings, network-wide device management, troubleshooting of alarms and faults, as well as system upgrades.
RG-EST Series Wireless Bridges Hardware Installation and Reference Guide RG-AirMetro Series Wireless Bridges	These documents provide a detailed introduction to the hardware features and functions of wireless bridges, including installation steps, hardware troubleshooting, technical

Document Title	Description
Hardware Installation and Reference Guide	specifications, cable specifications, and guidelines for usage.

Note

The documentation may update without prior notification. Please visit https://reyee.ruijie.com for the latest documentation.