# Ruijie RG-WLAN Series Access Points RGOS Release Notes, 11.9(4)B1

**Release Date: April 17th, 2020**

# Contents

This document includes the following sections:



# Basic Information

Table 1 lists the basic information of the current release.

***Table 1 Basic Information of the Current Release***

| | |
|---|---|
| **Current Release** | RGOS 11.9(4)B1 |
| **Previous Release** | RGOS11.9(2)B2 |
| **Applicable Product** | **Indoor AP:** AP820-L v1.x<br>**Wall AP:** AP180 v1.x and AP180 v2.x<br><br>**AC Version:** RGOS 11.9(5)B1 and later |
| **Category** | Official release |

Use the **show version** command to display information about the software version.

```
Ruijie#show version detail
System description      : Ruijie Indoor AP180 (802.11a/n/ac/ax and 802.11b/g/n/ac/ax) By
Ruijie Networks.
System start time       : 2018-08-12 13:28:51
System uptime           : 1:15:16:45
System hardware version : 1.00
System software version : AP_RGOS 11.9(4)B1, Release(06242719)
System patch number     : NA
System software number  : M08554302112015
System serial number    : G1LQ9C5000572
System boot version     : 1.6.1.282d0ae(180731)
System core version     : 2.6.32.13698454ea1edb
```

### Release Number Description

Software number M20015609252015 indicates 20:01:56 on September 25, 2015.

Release number is formatted as AABBCCDD.

AA indicates year. 01 stands for 2014, 02 for 2015 and so on.

BB indicates month. 13 stands for January, 14 for February and so on.

CC indicates date.

DD indicates time in 24-hour format, e.g., 16 stands for 4pm.

Take release number 02212520 for example. It indicates 8pm on September 25, 2015.

# Hardware Supported

Table 2 shows the hardware supported by the RGOS 11.9(4)B1.

***Table 2 Supporting Hardware Models***

| Hardware Model | Version | Description |
|---|---|---|
| AP820-L | 1.x | Indoor Access Point, One 10/100/1000M Uplink Port, Built-in Antenna, Dual-Radio, Dual-Band, 2.4 G + 5 G, 2×2 + 2×2 Spatial Streams, 802.11a/b/g/n/ac/ax. |
| AP180 | 1.x | Indoor Access Point, One 10/100/1000M WAN Port, Four 10/100/1000M LAN Ports, Built-in Antenna, Dual-Radio, Dual-Band, 2.4 G + 5 G, 2×2 + 2×2 Spatial Streams, 802.11a/b/g/n/ac/ax. |
| AP180 | 2.x | Indoor Access Point, One 10/100/1000M WAN Port, Four 10/100/1000M LAN Ports, Built-in Antenna, Dual-Radio, Dual-Band, 2.4 G + 5 G, 2×2 + 2×2 Spatial Streams, 802.11a/b/g/n/ac/ax. |

Note

The hardware version number is rounded to the first decimal place. The numeral in the second decimal place does not change the supporting release.

# New Features

***PMF***

| | |
|---|---|
| **Description** | Management frame protection is supported. |
| **CLI command** | **wlansec** *wlanid*<br>**security pmf** { **mandatory** \| **optional** \| **disable** } |

### *DFS*

| | |
|---|---|
| **Description** | Radar detection and avoidance is supported. |
| **CLI command** | **dfs enable** [ **radio** *radio-id* ] |

### *Collecting LAN Port Status Errors*

| | |
|---|---|
| **Description** | The LAN port status (Up/Down) errors will be collected. |
| **CLI command** | N/A |

## Resolved Issues

Table 3 shows the fixed bugs based on RGOS 11.9(4)B1.

### *Table 3 Fixed Bugs*

| No. | Bug Description |
|---|---|
| 1 | An NAND error caused upgrade failure. |
| 2 | Use Veriwave to do a burn-in test with multiple clients. The device crashed when the test was stopped. |
| 3 | AP180 failed to emit 5G signals. |

## Upgrade Packages

### *Table 4.1 AP820-L*

| Applicable Product | File | File Size | MD5 |
|---|---|---|---|
| AP820-L v1.x | AP_RGOS11.9(4)B1_S2X2-05_06242719_install.bin | 24,928,971 bytes | 8de14f3a635ad17ecfb3c50f969fcb2d |

### *Table 4.2 AP180 v1.x*

| Applicable Product | File | File Size | MD5 |
|---|---|---|---|
| AP180-I v1.x | AP_RGOS11.9(4)B1_S2X2-02_06242719_install.bin | 23,081,518 bytes | b10b594d14093bbba6956a7f7c206af0 |

### *Table 4.3 AP180 v2.x*

| Applicable Product | File | File Size | MD5 |
|---|---|---|---|
| AP180-I v2.x | AP_RGOS11.9(4)B1_S2X2-09_06242719_install.bin | 23,081,659 bytes | b01a5a955fa2189857a5d15a39a4e7b5 |

# Upgrade/Downgrade Tips

The following are some tips for upgrading the RG-WLAN Series Access Point RGOS 11.9(4)B1:

- Use the **show version** command to check the current firmware before upgrade/downgrade. Select proper upgrade/downgrade mode according to the current firmware and the target firmware.
- During the upgrade and downgrade, pay attention to the prompt messages. If failures occur, please save the log and contact us for technical assistance.
- During the upgrade and downgrade, it is recommended you not power off or reset the system, or plug/unplug any module.
- Use the **show version** command to check the firmware after the upgrade/downgrade.