



RG-WLAN Series Wireless Controller RGOS Release Notes, 11.9(2)B2P2

Release Date: Jul. 8, 2019

Contents

This document includes the following sections:

- [Basic Information](#)
- [Hardware Supported](#)
- [New Features](#)
- [Resolved Issues](#)
- [Upgrade Packages](#)
- [Upgrade/Downgrade Tips](#)

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(2)B2P2
Previous Release	RGOS 11.9(2)B2
Applicable Product	c series: WS6108, WS6008, WS6008(C7) d series: WS6816, WS6812 e series: M8600E-WS-ED, M18000-WS-ED h series: WS7880 i series: WS6512
Category	Official release

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

```

WS6512#sh ver detail
System description      : Ruijie 10G Wireless Switch(WS6512) By Ruijie
Networks.
System start time       : 2019-05-31 10:00:00
System uptime          : 0:00:10:16
System hardware version : 1.00
System software version : AC_RGOS 11.9(2)B2P2, Release(06173017)
System patch number     : NA
System software number  : M17182905302019
System serial number    : G1MR91R00022C
System boot version     : 1.8.8.11888a2(190221)
System core version     : 2.6.32.bd6b1a2b29e607
System cpu partition    : 5-15
Module information:
  Slot 0 : WS6512
  
```

```

Hardware version   : 1.00
Boot version      : 1.8.8.11888a2(190221)
Software version  : AC_RGOS 11.9(2)B2P2, Release(06173017)
Software number   : M17182905302019
Serial number     : G1MR91R00022C
    
```

Release Number Description

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

- i** 1) Release number is formatted as AABCCDD. 2) AA indicates year. 01 stands for 2014, 02 for 2015 and so on. 3) BB indicates month. 13 stands for January, 14 for February and so on. 4) CC indicates date. 5) 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(2)B2.

Table 2 Supporting Hardware Models

Hardware Model	Version	Description
WS6008	1.1x, 1.2x, 1.5x, 2.0x	8 1000BASE-T ports, 2 1000BASE-T/1000BASE-X ports (combo)
WS6108	1.0x, 1.1x	8 1000BASE-T ports, 2 1000BASE-T/1000BASE-X ports (combo)
WS6008(C7)	1.2x	8 1000BASE-T ports, 2 1000BASE-T/1000BASE-X ports (combo)
WS6816	1.0x, 1.1x	8 1000BASE-T/1000BASE-X ports (combo), 4 1G/10GBASE-X SFP+ ports, Expansion to 16 1000BASE-T/1000BASE-X ports (combo) or 8 1G/10GBASE-X SFP+ ports
WS6812	1.0x, 1.1x	8 1000BASE-T/1000BASE-X ports (combo), 4 1G/10GBASE-X SFP+ ports
M8600E-WS-ED	1.0x, 1.1x, 2.0x	WS Series Wireless Controller Module for RG-S8605E/S8607E/S8610E Switch, 128 APs License by default, Up to 2,560 Indoor APs or 4,000 Wall APs License
M18000-WS-ED	1.0x, 1.1x, 2.0x	WS Series Wireless Controller Module for RG-N18000 Switch, 128 APs License by default, Up to 2,560 Indoor APs or 4,000 Wall APs License
WS7880	1.0x	8 1000BASE-T/1000BASE-X ports (combo), 12 1G/10GBASE-X SFP+ ports, 4 QSFP ports
WS6512	1.0x	8 1000BASE-T/1000BASE-X ports (combo), 4 1G/10GBASE-X SFP+ ports



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

N/A

Resolved Issues

This section describes the fixed bugs.

Table 3 Fixed Bugs Based on 11.9(2)B2

No.	Bug Description
1	When only one AC was deployed, STAs could keep failing to ping the gateway.
2	In a backup scenario, wireless services were unavailable when a large number of APs frequently got connected and disconnected to the master AC.
3	Packet loss occurred on ACs.
4	In a VAC scenario, APs got online and offline frequently. As a result, more than 900 APs lost connection to ACs.
5	On the AC's Web page, APs that belonged to other groups were displayed in the Default group and the APs were disconnected.

Upgrade Packages

Table 4.1 WS6008/WS6108/WS6008(C7)

Applicable Product	File	File Size	MD5
WS6008 v1.1x, 1.2x, 1.5x, 2.0x	AC_RGOS11.9(2)B2P2_G2C6- 01_06173017_install.bin	92,757,632 bytes	5af5274a55f5c953a445aa65df9 33a39
WS6108 v1.0x, 1.1x WS6008(C7) v1.2x	AC_RGOS11.9(2)B2P2_G2C6- 01-C_06173017_install.bin	92,758,037 bytes	7242b61ba656964b2fafb14ea0f 6de0a

Table 4.2 WS6812/WS6816

Applicable Product	File	File Size	MD5
WS6812 v1.0x, 1.1x WS6816 v1.0x, 1.1x	AC_RGOS11.9(2)B2P2_G2C6- 02_06173016_install.bin	90,409,579 bytes	4026b0ff925620135ab99cd966f 2380d
	AC_RGOS11.9(2)B2P2_G2C6-	90,409,282	eca1913d0703a96f3c4ec8e810

	02-C_06173016_install.bin	bytes	442ccd
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Table 4.3 WS6512

Applicable Product	File	File Size	MD5
WS6512 v1.0x	AC_RGOS11.9(2)B2P2_G3C8-01_06173017_install.bin	109,910,619 bytes	fa79cce8523d8bacb341bf9af6f49ba5
	AC_RGOS11.9(2)B2P2_G3C8-01-C_06173017_install.bin	109,882,728 bytes	795e0a5c40a8c581844c2c1ca31ff0a3

Table 4.4 WS7880

Applicable Product	File	File Size	MD5
WS7880 v1.0x	AC_RGOS11.9(2)B2P2_G3C7-01_06173017_install.bin	105,552,674 bytes	741495e05725f2854bf6d20698bb4999
	AC_RGOS11.9(2)B2P2_G3C7-01-C_06173017_install.bin	105,543,387 bytes	738aeede13c6f707f4bee75120ce1656

Table 4.5 M8600E-WS-ED / M18000-WS-ED

Applicable Product	File	File Size	MD5
M8600E-WS-ED v1.0x, v1.1x, v2.0x	AC_RGOS11.9(2)B2P2_G2C6-03_06173017_install.bin	92,739,350 bytes	713880e8dfd48cae55d12821e057b27b
M18000-WS-ED v1.0x, v1.1x, v2.0x	AC_RGOS11.9(2)B2P2_G2C6-03-C_06173017_install.bin	92,739,423 bytes	7487f997cd08b94a5361f800e1b2d935

Upgrade/Downgrade Tips

The following are some tips for upgrading the RG-WLAN Series Wireless Controller RGOS 11.9(2)B2P2:

- 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.