



RG-S1920 Series Switch Release Notes, 11.4(1)B70P3

Release Date: September 3, 2019

Current Release: S19_RGOS 11.4(1)B70P3

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Basic Information

Table 1 Basic Information of the Current Release

Current Release	S19_RGOS11.4(1)B70P3
Previous Release	NA
Applicable Product	RG-S1920 Series
Category	Official release

Test Report

NA

Hardware Supported

Table 2 Hardware Models and the Supporting Releases

Hardware Model	Version	Description	Release
RG-S1920-18GT2SFP	1.6	Switch	S19_RGOS11.4(1)B70P3,
RG-S1920-8GT2SFP	1.6	Switch	S19_RGOS11.4(1)B70P3,
RG-S1920-24GT4SFP/2GT	1.6	Switch	S19_RGOS11.4(1)B70P3,

**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.

Changes

Table 3 shows modified or deleted features and command lines based on the baseline version.

Table 3 Changes to the Baseline Version

Feature	Change Description	Release
Web	The Web-based management system is modified to support the overseas release.	

Resolved Issues

N/A

**Note**

See the bug notices for more details.

Open Issues

N/A

**Note**

See the bug notices for more details.

Limitations

N/A

Related Documentation

- RG-S1920 Series Switch Hardware Installation and Reference Guide
This manual introduces the functional and physical features of the S1920 series switch and

provides the device installation steps, hardware troubleshooting, module technical specifications, and specifications and usage guidelines for cables and connectors.

- RG-S1920 Series Switch Configuration Guide, Release 11.4(1)B70P3
This manual describes the various network protocols and their implementation principles for the RG-S1920 series with the detailed configuration examples.
- RG-S1920 Series Switch Command Reference, Release 11.4(1)B70P3
This manual describes the configuration commands related to the various network protocols supported on the RG-S1920 series switch 11.4(1)B70P3, Release(06202720) version in detail, including the command mode, parameter description, usage guide, and configuration examples.

Upgrade Files

Table 4 Latest Upgrade Files

Applicable Product	Upgrade File	File Size	MD5
RG-S1920-18GT2SFP, RG-S1920-8GT2SFP, RG-S1920-24GT4SFP/2GT	S19_RGOS11.4(1)B70P3_install.bin	16719058 Bytes	6a15836192c217c9c105865871 086a9e

Upgrade Tips

The following are some tips for upgrading the RG-S1920 Series Switch 11.4(1)B70P3:

- Forcible upgrade of the Boot and Uboot programs is required.
- During the upgrade, pay attention to the prompt messages. If failures occur, please save the log and contact us for technical assistance.
- During the upgrade, it is recommended you not power off or reset the system, or plug/unplug any module.
- Use the **show version detail** command to check the firmware after the upgrade.

Upgrade Steps

The procedure of upgrading the RG-S1920 Series Switch 11.4(1)B70P3 is described as follows:

Step 1:

Connect the Console port to a PC running HyperTerminal or similar emulation program. Set baud rate to 9600, data bits to 8, stop bits to 1 and flow control to none.

Step 2:

Connect the switch to the PC with an Ethernet cable. Run the TFTP server on the PC and select the files (such as upgrade files) to be transmitted.

Step 3:

Power up and start the switch. If the switch can enter the Main program, follow Step 4 Upgrade the main program. If the device cannot enter the Uboot program, please contact us for technical assistance.

Step 4:

Upgrade the main program.

```
Ruijie#upgrade download tftp://172.31.61.101/S19_RGOS11.4(1)B70P3_install.bin
Please wait for a moment.....
% Upgrade immediately, the upgrade process will take about five minutes and may be restart.
Press Ctrl+C to quit
!!!!!!!!!!!!!!
[RG-UPGRADE]: Uncompress file S19_RGOS11.4(1)B70P3_install.bin .....
[RG-UPGRADE]: pacakage decompress in the path: /tmp/vsd/0/upgrade_ram
[RG-UPGRADE]: Uncompress successfully.
Change ubi to ro mode...
Change ubi to ro mode...
[RG-UPGRADE]: Upgrade processing is 100%
[RG-UPGRADE]: System i

Boot SPL 1.3.1-7ef53b8 (Apr 17 2017 - 14:46:29)

Transferring control to Master boot

Boot 1.3.1-7ef53b8 (Apr 17 2017 - 14:45:59)

Board: RTL838x CPU:500MHz LXB:200MHz MEM:300MHz
DRAM: 248 MiB
SF: Detected MX25L25635F with page size 256 Bytes, erase size 64 KiB, total 32 MiB
Flash: 32 MiB
SF: Detected MX25L25635F with page size 256 Bytes, erase size 64 KiB, total 32 MiB
In: serial
Out: serial
Err: serial
Net: eth#0
SF: Detected MX25L25635F with page size 256 Bytes, erase size 64 KiB, total 32 MiB
SETMAC: Setmac operation was performed at 2018-11-28 20:09:40 (version: 11.0)
Press Ctrl+C to enter Boot Menu: 0
UBI: attaching mtd1 to ubi0
```

```
UBI: physical eraseblock size: 65536 bytes (64 KiB)
UBI: logical eraseblock size: 65408 bytes
UBI: smallest flash I/O unit: 1
UBI: VID header offset: 64 (aligned 64)
UBI: data offset: 128
#####UBI: attached mtd1 to ubi0
UBI: MTD device name: "mtd=5"
UBI: MTD device size: 27 MiB
UBI: number of good PEBs: 432
UBI: number of bad PEBs: 0
UBI: max. allowed volumes: 128
UBI: wear-leveling threshold: 4096
UBI: number of internal volumes: 1
UBI: number of user volumes: 1
UBI: available PEBs: 0
UBI: total number of reserved PEBs: 432
UBI: number of PEBs reserved for bad PEB handling: 0
UBI: max/mean erase counter: 1/0
UBIFS: mounted UBI device 0, volume 1, name "rootfs"
UBIFS: mounted read-only
UBIFS: file system size: 27340544 bytes (26699 KiB, 26 MiB, 418 LEBs)
UBIFS: journal size: 3662848 bytes (3577 KiB, 3 MiB, 56 LEBs)
UBIFS: media format: w4/r0 (latest is w4/r0)
UBIFS: default compressor: LZO
UBIFS: reserved for root: 0 bytes (0 KiB)
finding an appropriate kernel...vmlinux-3.10.18.50823d000043a4
Loading file '/boot/vmlinux-3.10.18.50823d000043a4' to addr 0x81000000 with size 1284970
(0x00139b6a)...
Done
## Booting kernel from Legacy Image at 81000000 ...
Image Name: ruijie smb
Created: Image Type: MIPS Linux Kernel Image (gzip compressed)
Data Size: Load Address: 80000000
Entry Point: 802078d0
Verifying Checksum ... OK
Uncompressing Kernel Image ... OK

Starting kernel ...

*Jan 1 00:00:18: %LOCAL_DP-5-LC_PROB: Board information in this chassis has been collected.
*Jan 1 00:00:19: %SWITCH-6-INSTALL: Install chassis S1920-8GT2SFP on switch 1
*Jan 1 00:00:19: %DP-6-MASTER: Module in slot 0 has translated to master.
*Jan 1 00:00:20: %DP-5-PROB: Board probing has completed.
*Jan 1 00:00:22: %SYSMON-5-COLDSTART: System coldstart.
```

Press RETURN to get started

Step 5:

Use the **show version detail** command to verify whether the software version is the latest.

```
1920#show version
System description      : Ruijie Gibabit Ethernet Switch(S1920-8GT2SFP) By Ruijie
Networks
System start time      : 2019-08-28 10:56:25
System uptime          : 0:23:42:32
System hardware version : 1.41
System software version : S1920_RGOS 11.4(1)B70P3
System patch number    : NA
System serial number    : G1NW6G000259C
System boot version     : 1.3.1
Module information:
  Slot 0 : S1920-8GT2SFP
    Hardware version    : 1.41
    Boot version        : 1.3
    Software version     : S1920_RGOS 11.4(1)B70P3, Release(06202810)
    Serial number       : G1NW6G000259C
```

The Main Module programs are upgraded to S19 11.4(1)B70P3. The upgrading is successful.