Ruijie RG-ESW Series Switches Release Notes, ESW_1.0(1)B1P7 (V1.00)

Release Date: Jul 22, 2021

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Basic Information

Table 1 lists the basic information of the current release.

Table 1 Basic Information of the Current Release

Current Release	ESW_1.0(1)B1P7,Release(08190620)--- ES205GC/ES208GC/ES206GC-P/ES210GC-LP
Previous Release	ESW_1.0(1)B1P4,Release(08151522)--- ES218GC-P/ES226GC-P/ES216GC/ES224GC
Applicable Products	RG-ES205GC v1.00 and above versions RG-ES208GC v1.00 and above versions RG-ES206GC-P v1.00 and above versions RG-ES210GC-LP v1.00 and above versions
Category	Official Release

Navigate to **System Settings** > **Device Info** to view the version number.

Hostname	ruijie
Model	RG-ES205GC
MAC Address	00:00:01:22:33:44
IP Address	172.30.71.171
Submask	255.255.255.0
Gateway	172.30.71.1
DNS	172.30.44.20
SN	G1QW41K000363
Firmware Version	ESW_1.0(1)B1P7,Release(08190620)
Firmware Date	Jul 04 2021
Hardware Version	1.00
Development mode	on

Hostname	ruijie
Model	RG-ES208GC
MAC Address	00:00:01:22:33:44
IP Address	172.30.71.171
Submask	255.255.255.0
Gateway	172.30.71.1
DNS	172.30.44.20
SN	G1QW41K000363
Firmware Version	ESW_1.0(1)B1P7,Release(08190620)
Firmware Date	Jul 04 2021
Hardware Version	1.00
Development mode	on

Hostname	ruijie
Model	RG-ES206GC-P
MAC Address	00:00:01:22:33:44
IP Address	172.30.71.171
Submask	255.255.255.0
Gateway	172.30.71.1
DNS	172.30.44.20
SN	G1QW41K000363
Firmware Version	ESW_1.0(1)B1P7,Release(08190620)
Firmware Date	Jul 04 2021
Hardware Version	1.00
Development mode	on

Hostname	ruijie
Model	RG-ES210GC-LP
MAC Address	00:00:01:22:33:44
IP Address	172.30.71.171
Submask	255.255.255.0
Gateway	172.30.71.1
DNS	172.30.44.20
SN	G1QW41K000363
Firmware Version	ESW_1.0(1)B1P7,Release(08190620)
Firmware Date	Jul 04 2021
Hardware Version	1.00
Development mode	on

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 ESW_1.0(1)B1P7.

Table 2 Hardware Models

Hardware Model	Version	Description
RG-ES205GC	v1.00 and above versions	5-Port Gigabit
RG-ES208GC	v1.00 and above versions	8-Port Gigabit
RG-ES206GC-P	v1.00 and above versions	6-Port Gigabit, PoE-supported
RG-ES210GC-LP	v1.00 and above versions	10-Port Gigabit, PoE-supported



Note For details, see *Ruijie RG-ESW Series Switches Hardware Installation and Reference Guide.*

New Features

Table 3 shows the new features supported by ESW_1.0(1)B1P7.

Table 3 New Features

New Feature	Version
Auto negotiation is enabled automatically after the port is enabled with flow control.	ESW_1.0(1)B1P3 and later
Speed/duplex settings support 1000M/AUTO 100M/AUTO 10M/AUTO AUTO/Half AUTO/Full.	ESW_1.0(1)B1P3 and later
The ES216/218/224/226 switch supports DHCP snooping.	ESW_1.0(1)B1P2 and later
The ES series switch supports multi-DHCP server alarming.	ESW_1.0(1)B1P2 and later

Ruijie Cloud supports loop detection.	ESW_1.0(1)B1P2 and later
PoE recovers automatically when an error occurs.	ESW_1.0(1)B1P2 and later
Ruijie Cloud fetches the uplink port.	ESW_1.0(1)B1P2 and later
RG-ES218GC-P, RG-ES226GC-P, RG-ES216GC and RG-ES224GC devices are imported with a new PHY chip, which can also be supported by the software.	ESW_1.0(1)B1P4 and later
Support RG-ES210GC-LP, RG-ES206GC-P, RG-ES208GC and RG-ES205GC.	ESW_1.0(1)B1P6 and later
The RG-ES210GC-LP, RG-ES206GC-P, RG-ES208GC and RG-ES205GC switch supports DHCP snooping.	ESW_1.0(1)B1P7 and later

Resolved Issues

Table 4 Resolved Issues

No.	Bug Description
1	The uplink port description was incorrect on the RG-ES224GC switch.
2	When Ruijie Cloud delivered the same flow control settings as the device to the uplink port, the operation timed out.
3	After enabling or disabling DHCP snooping, an incorrect prompt message appeared.
4	The RG-ES218GC-P switch detected many high-risk loopholes by using RG-Scan.
5	The RG-ES218GC-P switch detected an intermediate-risk loophole by using acunetix: basic authentication over HTTP (verified).
6	An incorrect prompt message appeared when entering a password shorter than 5 characters on the RG-ES205GC-P switch.
7	The RG-ES218GC-P switch failed to go online in Ruijie Cloud.

8	The RG-ES216GC and RG-ES205C-P switch failed to go online in Ruijie Cloud.
9	PD class was displayed incorrectly.
10	When the device was connected with a large-power PD device (e.g., class4 50w), the device failed to report errors based on the port. The user could not identify the error port.
11	After the RG-ES205GC-P switch was disabled with PoE, class information remained unchanged.
12	The ES series switch failed to discover the NBS series switch from the other networks.
13	After the RG-ES205GC-P switch was connected with a class-0 PD, the class was displayed as “6”, which was “0” actually.
14	When IP804 was fully loaded, the Ping test failed.
15	The last four ports were not displayed as “Isolated” when enabled with port isolation.
16	Click port isolation, the feature was disabled automatically but it took effect actually.
17	Change the native VLAN of the uplink switch, and it would take one minute for the uplink port to obtain a new IP address.
18	The source port ID did not change when an ES series switch initiated a DNS request.
19	The ES series switch failed to discover the NBS series switch
20	The cable diagnosis result of an up port was “Disconnected”.
21	Loop detection is enabled by default.

Related Documentation

- Ruijie RG-ES Series Switches Hardware Installation and Reference Guide
  This manual introduces the functional and physical features of the RG-ES series switches and provides the installation steps, hardware troubleshooting, module technical specifications, and specifications and usage guidelines for cables and connectors.
- Ruijie RG-ES Series Switches Web-Based Configuration Guide
  This manual introduces eWeb and configuration steps.
- Ruijie RG-ES Series Switches Release Notes, ESW_1.0(1)B1P7
  The release notes contains basic information, hardware supported, new features, resolves issues, related documentation, upgrade files and upgrade tips.



Note You can obtain the related documents at: http://www.ruijienetworks.com/.

Upgrade Files

Table 5 Upgrade File

Applicable Model	Upgrade File	File Size	MD5
RG-ES205GC v1.00 and above versions RG-ES208GC v1.00 and above versions RG-ES206GC-P v1.00 and above versions RG-ES210GC-LP v1.00 and above versions	ESW_1.0(1)B1P7_ES210GC_08190620.bin ESW_1.0(1)B1P7_ES210GC_08190620.tar.gz	Bin: 916,548 bytes Tar.gz: 280,808 bytes	Bin: 683B1D403D63A1F6975302F2E221D9CD Tar.gz: 7562128A89BD143D28094B2FA31A5A18

Upgrade Tips

The following are some tips for upgrading the RG-ES series switch ESW_1.0(1)B1P7:

- Use the bin file extracted from the tar.gz file for Web-based upgrade.
- Use the tar.gz file for online upgrade.
- This document only describes Web-based upgrade steps.
- 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.

After upgrade finishes, wait for 2 minutes and log into Web to check the version number. See *RG-ES Series Web-based Configuration Guide* for detailed upgrade steps.