



# **RG-S29 Series Switch RGOS Release Notes, 11.4(1)B70P1**

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Release Date: Nov. 20, 2019

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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	S29_RGOS 11.4(1)B70P1
Previous Release	S29_RGOS 11.4(1)B42P1
Applicable Product	S29 Series Switch
Category	Official release

Run the **show version** command to display the information.

```
Ruijie#show version
System description      : Ruijie 10G Ethernet Switch with PoE
(S2910C-24GT2XS-HP-E) By Ruijie Networks
System start time       : 2019-09-30 21:56:36
System uptime           : 0:22:53:12
System hardware version : 1.00
System software version : S29_RGOS 11.4(1)B70P1
System patch number     : NA
System serial number    : W268HWC0Z0003
System boot version     : 1.2.28
Module information:
  Slot 0 : S2910C-24GT2XS-HP-E
  Cpu 0:
    Hardware version     : 1.00
    Boot version         : 1.2
    Software version      : S29_RGOS 11.4(1)B70P1
    Serial number        : W268HWC0Z0003
Ruijie#
```

```

Ruijie#show version detail
System description      : Ruijie 10G Ethernet Switch with PoE
(S2910C-24GT2XS-HP-E) By Ruijie Networks
System start time      : 2019-09-30 21:56:36
System uptime          : 0:21:21:21
System hardware version : 1.00
System software version : S29_RGOS 11.4(1)B70P1
System patch number    : NA
System software number  : M22530808212019
System serial number    : W268HWC0Z0003
System boot version     : 1.2.28.0c4a1bf(170209)
System core version     : 3.10.18.7b6045cb2c1b2a
Module information:
  Slot 0 : S2910C-24GT2XS-HP-E
  Cpu 0:
    Hardware version    : 1.00
    Boot version        : 1.2.28
    Software version     : S29_RGOS 11.4(1)B70P1
    Software number      : M22530808212019
    Serial number        : W268HWC0Z0003

```

## Hardware Supported

Table 2 shows the hardware supported by the RGOS 11.4(1)B70P1.

**Table 2 Supporting Hardware Models**

Hardware Model	Version	Description
S2910-24GT4XS-E	1.00	Switch
S2910-48GT4XS-E	1.00	Switch
S2910C-24GT2XS-P-E	1.00	Switch
S2910C-24GT2XS-HP-E	1.00	Switch
S2910C-48GT2XS-HP-E	1.00	Switch
S2910-24GT4SFP-UP-H	3.00	Switch
S2910-24GT4SFP-UP-H	2.00	Switch
S2910-24GT4XS-UP-H	1.00	Switch
S2910-24GT4XS-UP-H	3.00	Switch
S2910-10GT2SFP-P-E	1.00	Switch
S2910-10GT2SFP-UP-H	1.00	Switch
S2910-10GT2SFP-UP-H	3.00	Switch
S2910-24GT4XS-PS-E	1.00	Switch
S2952G-E V3	1.00	Switch
S2928G-E V3	1.00	Switch
M2910-01XS	1.00	Expansion module
M2910-01XT	1.00	Expansion module

M2910-02XS	1.00	Expansion module
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**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.

**Note**

For detail, see *RG-S2910XS-E / RG-S2910-H / RG-S2910-10GT2SFP-P-E / RG-S2900G-E V3 Series Switch Hardware Installation and Reference Guide*.

## Resolved Issues

This section describes the fixed bugs.

**Table 3 Fixed Bugs Based on 11.4(1)B42P1**

No.	Description
1	Commands containing <b>shell</b> could be run on any port.
2	In the default mode (energy-saving mode), the 802.3BT standard was not supported on PoE ports.
3	When an S29 series switch was deployed between the DHCP relay agent and the server, some client terminals (a switch model of H3C) failed to obtain dynamic addresses.

## Changed Features

### Hardware

N/A

### Firmware

<b>Module</b>	MACC
<b>Function Change</b>	The Web UI and CLI are optimized.
<b>CLI Change</b>	Simplified command: <b>acs url { url   macc }</b>
<b>Web Change</b>	A page for CWMP configurations is provided.
<b>MIB Change</b>	N/A

<b>Module</b>	Web Management
<b>Function Change</b>	By default, Web management is not accessible.
<b>CLI Change</b>	N/A
<b>Web Change</b>	Web UI is not available when the switch is connected for the first time.
<b>MIB Change</b>	N/A

<b>Module</b>	Web Management
<b>Function Change</b>	General administrators cannot visit pages that they are not authorized to.
<b>CLI Change</b>	N/A
<b>Web Change</b>	General administrators are not allowed to operate Web management.
<b>MIB Change</b>	N/A

<b>Module</b>	Web Management
<b>Function Change</b>	HTTP is redirected to HTTPS automatically.
<b>CLI Change</b>	New commands: <b>web-server http redirect-to-https</b> <b>web-server https certificate</b> <b>web-server https generate self-signed-certificate</b>
<b>Web Change</b>	If both HTTP and HTTPS services are enabled, HTTP is redirected to HTTPS. HTTP pages can be visited when only HTTP service is enabled.
<b>MIB Change</b>	N/A

<b>Module</b>	SSH
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<b>Function Change</b>	The monitoring port ID for the SSH server can be changed.
<b>CLI Change</b>	New command: <b>ip ssh port</b>
<b>Web Change</b>	N/A
<b>MIB Change</b>	N/A

<b>Module</b>	SSH
<b>Function Change</b>	An encrypted session with a remote device can be established.
<b>CLI Change</b>	New commands: <b>ssh [ oob ] [ -v { 1   2 } ] [ -c { 3des   aes128-cbc   aes192-cbc   aes256-cbc } ] [ -l username ] [ -m { hmac-md5-96   hmac-md5-128   hmac-sha1-96   hmac-sha1-160 } ] [ -p port-num ] { ip-addr   hostname } [ /source { ip A.B.C.D   ipv6 X:X:X:X::X   interface interface-name } ] [ /vrf vrf-name ]</b>
<b>Web Change</b>	N/A
<b>MIB Change</b>	N/A

<b>Module</b>	Interface
<b>Function Change</b>	The functionality of port oscillation protection is added.
<b>CLI Change</b>	<b>port-dither protect</b>
<b>Web Change</b>	N/A
<b>MIB Change</b>	N/A

<b>Module</b>	Interface
<b>Function Change</b>	N/A

<b>CLI Change</b>	<p>New command: You can run the <b>show interfaces ethernet brief</b> to view Ethernet information of interfaces.</p> <p>Modified command: The output of the <b>show interfaces status</b> command now indicates the total rate of all member ports rather than the rate of the aggregation port.</p>
<b>Web Change</b>	N/A
<b>MIB Change</b>	N/A

## Related Documentation

- RG-S29 Series Switch RGOS Configuration Guide, Release 11.4(1)B70P1  
This manual describes the various network protocols and their implementation principles for the RG-S29 series with the detailed configuration examples.
- RG-S29 Series Switch RGOS Command Reference, Release 11.4(1)B70P1  
This manual describes the configuration commands related to the various network protocols supported on the RG-S29 series switch RGOS11.4(1)B70P1 in detail, including the command mode, parameter description, usage guide, and configuration examples.
- RG-S29 Series Switch RGOS Web-Based Configuration Guide, Release 11.4(1)B70P1  
This manual describes how to configure the wireless controller through Web.
- RG-S2910XS-E Series Switch Hardware Installation and Reference Guide  
This manual introduces the functional and physical features of the S2910XS-E series switch and provides the device installation steps, hardware troubleshooting, module technical specifications, and specifications and usage guidelines for cables and connectors.
- RG-S2910-H Series Switch Hardware Installation and Reference Guide  
This manual introduces the functional and physical features of the SS2910-H series switch and provides the device installation steps, hardware troubleshooting, module technical specifications, and specifications and usage guidelines for cables and connectors.
- RG-S2910-10GT2SFP-P-E Switch Hardware Installation and Reference Guide  
This manual introduces the functional and physical features of the S2910-10GT2SFP-P-E switch and provides the device installation steps, hardware troubleshooting, module technical specifications, and specifications and usage guidelines for cables and connectors.
- RG-S2900G-E V3 Series Switch Hardware Installation and Reference Guide  
This manual introduces the functional and physical features of the S2900G-E V3 series switch and provides the device installation steps, hardware troubleshooting, module technical specifications, and specifications and usage guidelines for cables and connectors.



### Note

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

## Upgrade/Downgrade Files

**Table 7 Firmware**

Applicable Product	Upgrade Firmware	File Size	MD5
S2910-24GT4XS-E	S29_RGOS11.4(1)B70P1_inst all.bin	75,402,076 bytes	820d6326f9228ad8067b794e063db0 15
S2910-48GT4XS-E			
S2910C-24GT2XS-P-E			
S2910C-24GT2XS-HP-E			
S2910C-48GT2XS-HP-E			
S2910-24GT4SFP-UP-H			
S2910-24GT4XS-UP-H			
S2910-10GT2SFP-P-E			
S2910-10GT2SFP-UP-H			
S2910-24GT4XS-PS-E			
S2952G-E V3			
S2928G-E V3			

## Upgrade/Downgrade Tips

The following are some tips for upgrading the RG-S29:

- 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.