

RG-WALL 1600-Z-S Series

Cloud-Managed Firewall

License Activation Guide



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Preface

Intended Audience

This document is intended for:

- Network engineers
- Technical support and servicing engineers
- Network administrators

Technical Support

- Official website of Ruijie Reyee: <u>https://www.ruijienetworks.com/products/reyee</u>
- Technical Support Website: <u>https://ruijienetworks.com/support</u>
- Case Portal: <u>https://caseportal.ruijienetworks.com</u>
- Community: <u>https://community.ruijienetworks.com</u>
- Technical Support Email: <u>service_rj@ruijienetworks.com</u>

Conventions

1. GUI Symbols

Interface symbol	Description	Example
Boldface	 Button names Window names, tab name, field name and menu items Link 	 Click OK. Select Config Wizard. Click the Download File link.
>	Multi-level menus items	Choose System > Time.

2. Signs

The signs used in this document are described as follows:

Ø Danger

An alert that calls attention to safety operation instructions that if not understood or followed when operating the device can result in physical injury.

Warning

An alert that calls attention to important rules and information that if not understood or followed can result in data loss or equipment damage.

🛕 Caution

An alert that calls attention to essential information that if not understood or followed can result in function failure or performance degradation.

Note

An alert that contains additional or supplementary information that if not understood or followed will not lead to serious consequences.

Specification

An alert that contains a description of product or version support.

3. Note

This manual introduces the features of the product and offers guidance on configuration and testing.

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1 Authorization Service Overview

After purchasing a device, you can use the basic functions of the device. To use value-added functions or expand device resources due to service expansion, you can purchase the corresponding function or resource licenses. License-based authorization can effectively lower costs. You can import licenses based on actual needs to obtain custom functions.

License	Description
RG-WALL 1600-Z3200-S-1G-LIC	Performance expansion license for the RG-WALL 1600-Z3200-S cloud- managed firewall: One license provides expansion of 1 Gbps network throughput. For each device, up to two licenses can be added to achieve 3 Gbps network throughput.
RG-WALL 1600-Z3200-S-LIS-M-1Y	Four-in-one license for the firewall: One license provides one-year upgrade services for intrusion prevention (IPS), antivirus (AV), app identification (APP), and URL signature libraries.
RG-WALL 1600-Z3200-S-LIS-E-1Y	Five-in-one license for the firewall: One license provides one-year upgrade services for IPS, AV, APP, and URL signature libraries and one- year threat intelligence services.

2 Ruijie Secure Cloud Platform

2.1 Overview

As the supporting platform for the Z-S series firewall, Ruijie Secure Cloud Platform provides the following functions: license activation, license change, version upgrade, patch installation, and security signature library upgrade.

2.2 Operations on Ruijie Secure Cloud Platform

2.2.1 User Registration and Login

(1) Register a user.

Note

When registering a user, you need to bind the user to a device SN. Ensure that the device SN exists in the order system (that is, the device has been properly delivered).

- a Enter <u>https://secloud1.ruijie.com.cn</u> in the browser and press Enter.
- b Click **Register** to access the registration page.

c Enter the required user information to complete registration.



Register

* Country or region	Country or region	\sim	
* Time Zone	Time Zone	~	
* Email Address	Email Address		
* Password	Enter the password.		0
* Verification Code	Verification Code	Send Code	
	I have read and agree to Terms and Condition	onsandPrivacy Po	olicy.

|--|

(2) Log in to the platform.

Visit https://secloud1.ruijie.com.cn to access the login page.

Click Login on the home page.



Ruíj	IC Secure Cloud Platform	
	Account login	
Account		
Please enter you	r username or email.	
Password		
please enter Pas	sword	
	Login	
I have read and	d agree to Terms and Conditions and Privacy Policy	
	Forgot password? Sign up	

(3) Modify personal information.

a Change the password.

Click the login username in the upper right corner of the page and select **Personal Center** from the dropdown list box. Click **Revise** to change the login password of the current user.

Ruijie scp	A Home	Security Operations	 Device Operations 	Authorization Management	🖵 Device Management	器 Version Management	•••	1****@qq.com
My account								Personal Center
	Person	al Information Account : 1"@qq.com Ø	Cancel Acc	ount				Message Center G Log Out
	Passwo Regularly	ord change to a high-strength password	to protect the account					Revise
	Email Email: 1*@	gqq.com @						Revise
	Terms a	nd Conditions And Privacy P	olicy					
		1 =	23-09-08 00:00:00 Friday					

b Modify the email address.

Click the login username in the upper right corner of the page and select **Personal Center** from the dropdown list box to view the bound email address. Click **Revise** to modify the email address bound to the current user.

Ruíjie scp	A Home	Security Operations	Device Operations	Authorization Management	Device Management	문 Version Management		0 1****@qq.com
My account								Personal Center
	Persona	I Information	Cancel Acco	punt				☑ Message Center G Log Out
	Passwo Regularly d	rd hange to a high-strength password	to protect the account					Revise
	Email Email: 1*@	qq.com @					(Revise
	Terms an	d Conditions And Privacy P	blicy					
		Privacy Policy Release Time 202	3-09-08 00:00:00 Friday					

2.2.2 App Identification Signature Library Upgrade

Prerequisites

The App Identification (APP) license has been activated for the firewall and the license is within the validity period.

Procedure

- Offline upgrade
- (1) Download a version file for the app identification signature library.
 - a Log in to Ruijie Secure Cloud Platform using an account with permission on the Version Management menu.
 - b Choose Version Management > Signature Library Version > App Identification Signature Library, find the applicable version, and click **Download** in the **Operation** column to download the version file to the local device.

Ruíjie scp	n Home 🕞 Se	ecurity Operations	Operations 🕡 Author	ization Management 🛛 🖵	Device Management	88 Version Manage	ement () System	Management		
Signature Library Ve	Product Type	Select a type.	Model Select a mode	I. v Software	Version all	 ✓ Versi 	ion Number Select v	versionNumber v	Query Reset	
Behavior Analysis Signat	No. File N	lame	Version Number	Version Description	Model	Software Version	releaseTime	File Size (MB)	MD5	Operation
Intrusion Prevention Sign	1 app_s	signature.zip	20231222.1615	20231222.1615	Universal	Universal	2023-12-22	0.69MB	4d98ddce4ef2d3	± Download
Virus Protection Signatur	2 app_s	signature.zip	20231221.1601	20231221.1601	Universal	Universal	2023-12-19	0.69MB	b3055177e9fbfdd	
Virus Protection Signatur	3 app_s	signature.zip	20231118.1428	20231118.1428	Universal	Universal	2023-11-17	0.91MB	f404c8ec083e03	业 Download
URL Signature Library	4 app_s	signature.zip	20231110.1660	20231110.1660	Universal	Universal	2023-11-13	0.67MB	8432da4d2bfed6	业 Download
Threat Intelligence Signat Software Version Ma V	5 app_s	signature.zip	20231103.1103	20231103.1103	Universal	Universal	2023-11-03	1.10MB	5e9aea1db5e27e	± Download
Soliware version ma V	6 app_s	signature.zip	20231012.1011	20231012.1011	Universal	Universal	2023-10-12	0.67MB	2b9d3a893a157f	± Download
	7 app_s	signature.zip	20230611.1649	20230611.1649	Universal	Universal	2023-09-21	0.51MB	7025ac553576d5	± Download
	8 app_s	signature.zip	20230913.1719	20230913.1719	Universal	Universal	2023-09-12	0.57MB	ac590bd0b7cbcf	± Download
	9 app_s	signature.zip	20230912.1053	20230912.1053	Universal	Universal	2023-09-11	0.57MB	1a2bc9792b3ed3	± Download
	10 app_s	signature.zip	20230612.1213	20230612.1213	Universal	Universal	2023-08-24	0.51MB	da1b2c7f9e9927	± Download

(2) After the version file is downloaded, choose System > Signature Library Upgrade on the firewall web UI to upgrade the app identification signature library in offline mode (local upgrade).

Ruijie Z Series Firewall	© Home ⊘ Monitar ⊕ Network & Object © Policy © System		Network Discovery Network Mgmt	Quick Onboarding Policy Wizar	۲ d Customer Service	오 admin
Ag Admin ⇒	Signature Library Upgrade					
System Config ~	Enable Auto Upgrade					
SYMP	Upgrade Time:Daily 6 v Hour 4 v Minute					
Service Parameters Authorization Management	Signature Library Select All Protection Signature Library	Deep Scan) 🛛 Virus Protection Signature Library (Quick Scan) 🔮 Intrusion Prevention	n Signature Library 🛛 ISP Addr	ess Library 🛛 Threat Intellig	jence Signature Library	5
Authorization Management () Fault Diagnosis	Sawe					
Cloud Management Platform	Signature Library Type					
Signature Library Upgrade	O Upgrade Al (Upgrade all signature libraries online simultaneously.)					
Device Info	App Identification Signature Library	Virus Protection Signature Library (Deep Scan)	Virus Protection Signature Lil	orary (Quick Scan)		
Device Positioning	Current Version:20230217.1245	Current Version-	Current Version 20230309.0218			
Config Backup	Last Upgrade Time:-	Last Upgrade Time-	Last Upgrade Time:-			
System Upgrade	Latest Version Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.	Latest Version:Unable to obtain th	e latest version.		
Patch Installation	Version State- Activation State-Activated	Version State: The deep scan function is not enabled, and the virus protection signature library for deep scan is not leaded	Version State- Activation State:Activated			
Restart Defaults Restoration	Online Upgrade Local Upgrade system.versionRollback	Online Upgrade d Local Upgrade	Online Upgrade Lo	cal Upgrade		
	Intrusion Prevention Signature Library	ISP Address Library	Threat Intelligence Signature	Library		
	Current Version:20221026.1141	Current Version 20221202.1005	Current Version: 20230308.1608			
	Last Upgrade Time:2023-03-13 11:53:03	Last Upgrade Time-	Last Upgrade Time:-			
	Latest Version: Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.	Latest Version Unable to obtain th	e latest version.		
	Version State -	Version State-	Version State			
	Activation State Activated		Activation State Expired			
	Online Upgrade Local Upgrade system.versionRollback	Online Upgrade Local Upgrade	Online Upgrade Lo	cal Upgrade		0
E						nut

Online upgrade

Note

- The firewall must be connected to the Internet.
- When the current version information about the app identification signature library of the firewall exists on Ruijie Secure Cloud Platform and a new version is available, online upgrade of the app identification signature library can be performed on the firewall web UI.

On the firewall web UI, choose **System** > **Signature Library Upgrade**. On the page that is displayed, find **App Identification Signature Library**, and upgrade the app identification signature library in online mode.



2.2.3 IPS Signature Library Upgrade

Prerequisites

The Intrusion Prevention (IPS) license has been activated for the firewall and the license is within the validity period.

Procedure

- Offline upgrade
- (1) Download a version file for the IPS signature library.
 - a Log in to Ruijie Secure Cloud Platform using an account with permission on the Version Management menu.
 - b Choose Version Management > Signature Library Version > Intrusion Prevention Signature Library, find the applicable version, and click Download in the Operation column to download the version file to the local device.

Ruíjie scp	A Home Security Operations OP	ice Operations () Authorization Manager	ment 🛛 🖵 Device Managemen	B Version Manag	ement 💿 System	Management		
Signature Library Ve							_	1
App Identification Signatu	Product Type Select a type.	Model Select a model.	Software Version all	~ Vers	ion Number Select v	ersionNumber 🗸	Query Reset	
Behavior Analysis Signat	No. File Name	Version Number Version Descri	iption Model	Software Version	releaseTime	File Size (MB)	MD5	Operation
Intrusion Prevention Sign	1 ips_full_sign_v20240102.1135.zip	20240102.1135 The upgrade pa	ackage Universal	>=R5	2024-01-02	1.22MB	f1f09476a32a3b9	\pm Download
Virus Protection Signatur	2 ips_full_sign_v20231229.1416.zip	20231229.1416 The upgrade pa	ackage Universal	>=R5	2023-12-29	1.22MB	c4d65f56e13147	± Download
Virus Protection Signatur	3 ips_full_sign_v20231219.1502.zip	20231219.1502 The upgrade pa	ackage Universal	>=R5	2023-12-19	1.21MB	f9b877063ba919	± Download
URL Signature Library	4 ips_full_sign_v20231212.1655.zip	20231212.1655 The upgrade pa	ackage Universal	>=R5	2023-12-12	1.20MB	a0ff1294a2d1db6	\pm Download
Threat Intelligence Signat	5 ips_full_sign_v20231205.1629.zip	20231205.1629 The upgrade pa	ackage Universal	>=R5	2023-12-05	1.19MB	3a14d248815328	± Download
Software Version Ma 🗸	6 ips_full_sign_v20231128.1702.zip	20231128.1702 The upgrade pa	ackage Universal	>=R5	2023-11-28	1.18MB	f0fca5be08ebe12	± Download
	7 ips_full_sign_v20231114.1631.zip	20231114.1631 The upgrade pa	ackage Universal	>=R5	2023-11-15	1.16MB	6a3fd5b30eafd3f	* Download
	8 ips_full_sign_v20231107.1530.zip	20231107.1530 The upgrade pa	ackage Universal	>=R5	2023-11-08	1.15MB	b7124756488c6e	± Download
	9 ips_full_sign_v20231031.1507.zip	20231031.1507 The upgrade pa	ackage Universal	NGFW_NTOS 1	2023-10-31	1.14MB	2669e1670e6964	± Download
	10 ips_full_sign_v20231024.1404.zip	20231024.1404 The upgrade pa	ackage Universal	NGFW_NTOS 1	2023-10-24	1.13MB	480dfc4210a83b	

(2) After the version file is downloaded, choose System > Signature Library Upgrade on the firewall web UI to upgrade the IPS signature library in offline mode (local upgrade).

Ruíjie Z Series Firewall	Home @ Monitor @ Network & Object @ Policy System		network Discovery Network Martin Quick Orboarding Policy Wizard Customer Service admin
🔏 Admin S	Signature Library Upgrade		
<table-row> System Config 🚽</table-row>	Enable Auto Upgrade		
System Time	Upgrade Time:Daily 6 v Hour 4 v Minute		
Service Parameters	Signature Library Select All	Deep Scan) 👩 Virus Protection Signature Library (Quick Scan) 👩 Intrusion Prevention	
Authorization Management	Save	ueep scan) 📴 virus Protection signature Library (Quick Scan) 📴 Intrusion Prevention	n signature Library 🖸 ISP Address Library 🔯 Inreat intelligence signature Library
Fault Diagnosis >	Save		
Cloud Management Platform Signature Library Upgrade	Signature Library Type		
System Maintenance	O Upgrade All (Upgrade all signature libraries online simultaneously.)		
Device Info	App Identification Signature Library	Virus Protection Signature Library (Deep Scan)	Virus Protection Signature Library (Quick Scan)
Device Positioning	Current Version:28230217.1245	Current Version-	Current Version:20230309:0218
Config Backup	Last Upgrade Time- Latest Version:Unable to obtain the latest version.	Last Upgrade Time- Latest Version:Unable to obtain the latest version.	Last Upgrade Time- Latest Version:Unable to obtain the latest version.
System Upgrade	Version State - Activation State Activated	Version State:	Version State-
Patch Installation Restart	Activation StaticActivated	The deep scan function is not enabled, and the views protection signature library for deep scan is not loaded	Activation state Activated
Defaults Restoration	Online Upgrade Local Upgrade system versionRollback	Online Upgrade	Online Upgrade Local Upgrade
	Intrusion Prevention Signature Library	ISP Address Library	Threat Intelligence Signature Library
	Current Version:20221026.1141 Last Upgrade Time:2023-03-13.11:53:03	Current Version:20221202.1005 Last Upgrade Time:-	Current Version:20230308.1608 Last Upgrade Time:-
	Latest Version.Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.
	Version State-	Version State-	Version State-
	Activation State Activated		Activation StateExpired
	Online Upgrade Local Upgrade system.versionBollback	Online Upgrade Local Upgrade	Online Upgrade Local Upgrade
8			

• Online upgrade

🚺 Note

• The firewall must be connected to the Internet.

• When the current version information about the signature library of the firewall exists on Ruijie Secure Cloud Platform and a new version is available, online upgrade of the IPS signature library can be performed on the firewall web UI.

On the firewall web UI, choose **System** > **Signature Library Upgrade**. On the page that is displayed, find **Intrusion Prevention Signature Library**, and upgrade the IPS signature library in online mode.

Signature Library Type O Upgrade All (Upgrade all signature libraries online simultaneously.)		
Opgrade Au Opgrade all signature libraries online simultaneousiy)		
App Identification Signature Library	Virus Protection Signature Library (Deep Scan)	Virus Protection Signature Library (Quick Scan)
Current Version:20230217.1245	Current Version:-	Current Version:20230309.0218
Last Upgrade Time:-	Last Upgrade Time:-	Last Upgrade Time:-
Latest Version:Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.
Version State:- Activation State:Activated	Version State:	Version State:- Activation State:Activated
Activation state:Activated	The deep scan function is not enabled, and the virus protection signature library for deep scan is not loaded	Activation state.Activated
Online Upgrade Local Upgrade system.versionRollback	Online Upgrade d Local Upgrade	Online Upgrade Local Upgrade
Intrusion Prevention Signature Library	ISP Address Library	Threat Intelligence Signature Library
Current Version:20221026.1141	Current Version:20221202.1005	Current Version:20230308.1608
Last Upgrade Time:2023-03-13 11:53:03	Last Upgrade Time:-	Last Upgrade Time:-
Latest Version:Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.	Latest Version: Unable to obtain the latest version.
Version State:-	Version State:-	Version State:-
Activation State:Activated		Activation State:Expired
Online Upgrade Local Upgrade system.versionRollback	Online Upgrade Local Upgrade	Online Upgrade Local Upgrade

2.2.4 Virus Protection Signature Library (Quick Scan) Upgrade

Prerequisites

The Antivirus (AV) license has been activated for the firewall and the license is within the validity period.

Procedure

- Offline upgrade
- (1) Download the version file for the virus protection signature library (quick scan).
 - a Log in to Ruijie Secure Cloud Platform using an account with permission on the Version Management menu.
 - b Choose Version Management > Signature Library Version > Virus Protection Signature Library (Quick Scan), find the applicable version, and click Download in the Operation column to download the version file to the local device.

Ruijie scp	A Home	Security Operations	Device Operations	Authorization Management	Device Management	B Version Man	agement () S	ystem Management		
Signature Library Ve App Identification Signatu	Product	Type Select a type.	V Model Sele	t a model. V Softw	are Version all	✓ Ve	rsion Number S	elect versionNumber 🗸 🗸	Query Reset	
Behavior Analysis Signat	No.	File Name	Version Number	Version Description	Model	Software Version	releaseTime	File Size (MB)	MD5	Operation
Intrusion Prevention Sign	1	bash_20240112.1530_	full_sig.zij 20240112.1530	hash_20240112.1530	Z3200-S	Universal	2024-01-12	8.91MB	6160b9a7e62ae3	± Download
Virus Protection Signatur	2	600 hash_20240112.0403_	full_sig.zij 20240112.0403	hash_20240112.0403	Z8620,Z8680	Universal	2024-01-12	76.35MB	82cf6841b4c0d8	± Download
Virus Protection Signatur	3	600 hash_20240112.0316_	full_sig.zij 20240112.0316	hash_20240112.0316	Z3200-S	Universal	2024-01-12	8.98MB	c50814494865e3	👱 Download
URL Signature Library	4	600 hash_20240111.1502_	full_sig.zij 20240111.1502	hash_20240111.1502	Z3200-S	Universal	2024-01-11	8.93MB	5f2e30c0370fa51	± Download
Threat Intelligence Signat	5	Mhash_20240111.1403_	full_sig.ziį 20240111.1403	hash_20240111.1403	Z8620,Z8680	Universal	2024-01-11	76.43MB	ccbd8d2f7c54e0	业 Download
Contract Contraction institute	6	Mash_20240111.0254_	full_sig.ziį 20240111.0254	hash_20240111.0254	Z3200-S	Universal	2024-01-11	9.04MB	0e51827fe8f4ada	
	7	Mhash_20240111.0003_	full_sig.ziį 20240111.0003	hash_20240111.0003	Z8620,Z8680	Universal	2024-01-11	76.40MB	271deb7bc1ab35	业 Download
	8	Mash_20240110.1440	full_sig.zij 20240110.1440	hash_20240110.1440	Z3200-S	Universal	2024-01-10	9.11MB	b4af4a92e93351	
	9	600 hash_20240110.1003_	full_sig.zij 20240110.1003	hash_20240110.1003	Z8620,Z8680	Universal	2024-01-10	76.45MB	6e749203a7ed2ff	± Download
	10	Mash_20240110.0234_	full_sig.zij 20240110.0234	hash_20240110.0234	Z3200-S	Universal	2024-01-10	9.10MB	cf2926f73bf6dc3	± Download

(2) After the version file is downloaded, choose System > Signature Library Upgrade on the firewall web UI, find Virus Protection Signature Library (Quick Scan), and click Local Upgrade to perform offline upgrade.

Signature Library Type		
App Identification Signature Library Current Version/2023/2017.1245 Last Upgrade Time- Latest Version-Unable to obtain the latest version. Version State- Activation State-Activated Online Upgrade Local Upgrade system.versionRollback	Virus Protection Signature Library (Deep Scan) Current Version: Last Upgade Time- Latest Version-Utable to obtain the latest version. Version State The deep scan function is not enabled, and the virus protection signature library for deep scan is not loaded Online Upgrade Contine Upgrade	Virus Protection Signature Library (Quick Scan) Current Version:20230309.0218 Last Upgrade Time: Latert Version Unable to obtain the latest version. Version State: Activation State: Chilme Upgrade Local Upgrade
Intrusion Prevention Signature Library Current Version:20221026.1141 Last Upersion:Library 2023-03-13.115.903 Latest Version:Library 2023 Automatic Version States Version States Activation States-Activated	ISP Address Library Current Version:20221202.1005 Last Upgrade Time- Latest Version:Unable to obtain the latest version. Version State-	Threat Intelligence Signature Library Current Version:20220308 1608 Last Upgrade Time:- Latest Version:Unable to obtain the latest version. Version State:- Activation State Expired
Online Upgrade Local Upgrade system.versionRollback	Online Upgrade Local Upgrade	Online Upgrade Local Upgrade

Online upgrade

Note

- The firewall must be connected to the Internet.
- When the current version information about the signature library of the firewall exists on Ruijie Secure Cloud Platform and a new version is available, online upgrade of the virus protection signature library (quick scan) can be performed on the firewall web UI.

On the firewall web UI, choose System > Signature Library Upgrade. On the page that is displayed, find Virus Protection Signature Library (Quick Scan), and click Online Upgrade to perform online upgrade.

able Auto Upgrade		
grade Time:Daily 6 -> Hour 4 -> Minute	nature Library (Deep Scan) 👩 Virus Protection Signature Library (Quick Scan) 👩 Intrusion Prevention	n Signature Library 👩 ISP Address Library 😰 Threat Intelligence Signature Libr
nature Library Type 3 Upgrade All (Upgrade all signature libraries online simultaneously)		
App Identification Signature Library	Virus Protection Signature Library (Deep Scan)	Virus Protection Signature Library (Quick Scan)
Current Version/2020/22/17.3245 Last Upgrade Timeri- Last Version Labels for addate the latest version. Version State- Addresion State-Addresided	Current Version:- Last togate Trens- Latet Version: Utable to addain the latest version. Version State: The deep scate hortcom's not enabled, and the virus protection signature library for deep scan is not loaded	Current Version/2023/00/00/21.01 East Upgrade Time - Lanter Version/coller to obtain the latest version. Version State- Activation State-Activated
Online Upgrade Local Upgrade system.versionRollb	Chilne Upgrade	Online Upgrade
ntrusion Prevention Signature Library	ISP Address Library	Threat Intelligence Signature Library
urrent Version:20221026.1141	Current Version:20221202.1005	Current Version:20230308.1608
ast Upgrade Time:2023-03-13 11:53:03 atest Version:Unable to obtain the latest version.	Last Upgrade Time- Latest Version: Unable to obtain the latest version.	Last Upgrade Time Latest Version:Unable to obtain the latest version.
Version State:-	Version State-	Version State -
sctivation State:Activated		Activation State Expired

2.2.5 Virus Protection Signature Library (Deep Scan) Upgrade

Prerequisites

The Antivirus (AV) license has been activated for the firewall and the license is within the validity period.

Procedure

- Offline upgrade
- (1) Download the version file for the virus protection signature library (deep scan).
 - a Log in to Ruijie Secure Cloud Platform using an account with permission on the Version Management menu.
 - b Choose Version Management > Signature Library Version > Virus Protection Signature Library (Deep Scan), find the applicable version, and click Download in the Operation column to download the version file to the local device.

Ruijie scp	A Home	Security Operations	ce Operations 🕕 Auth	orization Management	Device Management	B Version Mana	gement () System	n Management		
Signature Library Ve	Product Type	Select a type.	Model Select a mo	lel. V Softwar	e Version all	Ver	rsion Number Select	versionNumber ~	Query Reset	
App Identification Signatu										
Behavior Analysis Signat	No. F	ile Name	Version Number	Version Description	Model	Software Version	releaseTime	File Size (MB)	MD5	Dperation
Intrusion Prevention Sign	1 (sdk_20240112.1119_full_sig.zip	20240112.1119	sdk_20240112.1119_f	Z8620,Z8680	Universal	2024-01-12	278.12MB	bc063dbcb4d7eb	业 Download
Virus Protection Signatur	2	sdk_20240112.1051_full_sig.zip	20240112.1051	sdk_20240111.2220_full_sig.zip	Z3200-S	Universal	2024-01-12	36.86MB	8061d97a695f60	± Download
Virus Protection Signatur	3	sdk_20240111.2220_full_sig.zip	20240111.2220	sdk_20240111.2220_f	Z8620,Z8680	Universal	2024-01-11	277.93MB	2d7edb00b5645b	± Download
URL Signature Ubrary Threat Intelligence Signat	4	sdk_20240111.2234_full_sig.zip	20240111.2234	sdk_20240111.2234_f	Z3200-S	Universal	2024-01-11	36.83MB	820e1390ba2d17	± Download
Software Version Ma V	5	sdk_20240111.1000_full_sig.zip	20240111.1000	sdk_20240111.1000_f	Z3200-S	Universal	2024-01-11	36.81MB	50983d9e6e7e35	± Download
	6	sdk_20240111.0945_full_sig.zip	20240111.0945	sdk_20240111.0945_f	Z8620,Z8680	Universal	2024-01-11	277.83MB	330b0ec1098e6a	± Download
	7	sdk_20240110.2142_full_sig.zip	20240110.2142	sdk_20240110.2142_f	Z3200-S	Universal	2024-01-10	36.80MB	b523cc4613f292	± Download
	8	sdk_20240110.2109_full_sig.zip	20240110.2109	sdk_20240110.2109_f	Z8620,Z8680	Universal	2024-01-10	277.64MB	613b7fc0226e7f0	业 Download
	9 (sdk_20240110.0928_full_sig.zip	20240110.0928	sdk_20240110.0928_f	Z3200-S	Universal	2024-01-10	36.78MB	b26bd7ab9867d5	± Download
	10	sdk_20240110.0822_full_sig.zip	20240110.0822	sdk_20240110.0822_f	Z8620,Z8680	Universal	2024-01-10	277.46MB	4094c3e93a6082	业 Download

(2) After the version file is downloaded, choose System > Signature Library Upgrade on the firewall web UI, find Virus Protection Signature Library (Deep Scan), and click Local Upgrade to perform offline upgrade.

Signature Library Type		
O Upgrade All (Upgrade all signature libraries online simultaneously.)		
App Identification Signature Library	Virus Protection Signature Library (Deep Scan)	Virus Protection Signature Library (Quick Scan)
Current Version 20230217.1245 Last Upgrade Time- Latert Version States Activation States-Activated Online Upgrade Local Upgrade gystem.versionRoltback	Current Version- Last Upgade Time- Later Version Kubble to obtain the latest version. Version State: The deep scan function is not enabled, and the virus protection signature library for deep scan is not loaded Online Upgrade ¹ Local Upgrade	Current Version 2023/0309.0218 Last Upgrade Time- Later Version State- Activation State- Chritine Upgrade
Intrusion Prevention Signature Library Current Version-20221026.1141 Last Upgrade Time 2022-03-03-11153.03 Latert Version State- Version State- Activation State-Activated	ISP Address Library Current Version:2021202:1005 Latel Upgade Time: Latest Version:Unable to obtain the latest version. Version State-	Threat Intelligence Signature Library Current Version.2023008.1608 Last Upgrade Time- Later Version/Inable to obtain the latest version. Version State: Depired
Online Upgrade Local Upgrade system.versionRollback	Online Upgrade Local Upgrade	Online Upgrade Local Upgrade

Online upgrade

1 Note

- The firewall must be connected to the Internet.
- When the current version information about the signature library of the firewall exists on Ruijie Secure Cloud Platform and a new version is available, online upgrade of the virus protection signature library (deep scan) can be performed on the firewall web UI.

On the firewall web UI, choose **System** > **Signature Library Upgrade.** On the page that is displayed, find **Virus Protection Signature Library (Deep Scan)**, and click **Online Upgrade** to perform online upgrade.

Output Output	
App Identification Signature Library	Virus Protection Signature Library (Deep Scan)
Current Version:20230217.1245	Current Version:-
Last Upgrade Time:-	Last Upgrade Time:-
Latest Version:Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.
Version State:-	Version State:
Activation State:Activated	The deep scan function is not enabled, and the virus protection signature library for deep scan
Online Upgrade Local Upgrade system.versionRollback	is not loaded Online Upgrade Local Upgrade

2.2.6 URL Signature Library Upgrade

Prerequisites

The URL filtering license has been activated for the firewall and the license is within the validity period.

Procedure

- Offline upgrade
- (1) Download the version file for the URL signature library.
 - a Log in to Ruijie Secure Cloud Platform using an account with permission on the Version Management menu.
 - b Choose Version Management > Signature Library Version > URL Signature Library, find the applicable version, and click Download in the Operation column to download the version file to the local device.

Ruffie scp	A Home Security Operations Dev	rice Operations () Aut	orization Management	Device Management	BB Version Mana	egement (i) Syste	m Management		
Signature Library Ve A	Product Type Select a type.	Model Select a mo	del. 🗸 Softwa	re Version all	↓ Ver	rsion Number Selec	t versionNumber 🗸 🗸	Query Reset	
Behavior Analysis Signat	No. File Name	Version Number	Version Description	Model	Software Version	releaseTime	File Size (MB)	MD5	Operation
Intrusion Prevention Sign	1 000 url_db_i_full_20240102.0943.zij	20240102.0943	20240102.0943	Z3200-S	Universal	2024-01-02	7.49MB	54c55f531190a6	± Download
Virus Protection Signatur	2 url_db_i_full_20231107.1551.zip	20231107.1551	20231107.1551	Z3200-S	Universal	2023-11-07	7.49MB	59b58ed7275f66	± Download
Virus Protection Signatur	3 url_db_i_full_20231010.1136.zip	20231010.1136	20231010.1136	Z3200-S	Universal	2023-10-10	7.49MB	0e5fbcbc03d5d7	± Download
URL Signature Library	4 🕡 url_db_i_full_20230901.0858.zip	20230901.0858	20230901.0858	Z3200-S	Universal	2023-08-31	6.39MB	c2dc63602e7dffe	± Download
Threat Intelligence Signat Software Version Ma V									

(2) After the version file is downloaded, choose System > Signature Library Upgrade on the firewall web UI, find URL Signature Library, and click Local Upgrade to perform offline upgrade.

User Manual

ignature Library Type		
Upgrade All (Upgrade all signature libraries online simultaneously.)		
App Identification Signature Library	Virus Protection Signature Library (Deep Scan)	Virus Protection Signature Library (Quick Scan)
Current Version:20240106.1446	Current Version:20240103.0522	Current Version:20231219.1034
Last Upgrade Time:2024-01-11 16:06:51	Last Upgrade Time:2024-01-03 14:53:09	Last Upgrade Time:2023-12-19 18:56:14
Latest Version: Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.
Version State:-	Version State:-	Version State:-
Activation State:Activated	Activation State:Activated	Activation State Activated
Online Upgrade Local Upgrade Rolling back	Online Upgrade Local Upgrade	Online Upgrade Local Upgrade
Intrusion Prevention Signature Library	ISP Address Library	Threat Intelligence Signature Library
Current Version:20231212.1655	Current Version:20221202.1005	Current Version:20231219.0716
Last Upgrade Time:2023-12-19 18:55:18	Last Upgrade Time-	Last Upgrade Time:2023-12-19 18:52:22
Latest Version: Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.	Latest Version: Unable to obtain the latest version.
Version State:-	Version State:-	Version State-
Activation State:Activated		Activation State:Activated
Online Upgrade Local Upgrade Rolling back	Online Upgrade Local Upgrade	Online Upgrade Local Upgrade
URL Signature Library		
URL signature Library		
Current Version:20231107.1551		
Last Upgrade Time:2023-12-19 18:51:06		
Latest Version: Unable to obtain the latest version.		
Version State:-		
Activation State:Activated		
Online Upgrade		

Online upgrade



- The firewall must be connected to the Internet.
- When the current version information about the signature library of the firewall exists on Ruijie Secure Cloud Platform and a new version is available, online upgrade of the URL signature library can be performed on the firewall web UI.

On the firewall web UI, choose **System** > **Signature Library Upgrade**. On the page that is displayed, find **URL Signature Library**, and click **Online Upgrade** to perform online upgrade.

op Identification Signature Library	Virus Protection Signature Library (Deep Scan)	Virus Protection Signature Library (Quick Sca
ment Version:20240105.1446	Current Version:20240103.0522	Current Version:20231219.1034
st Upgrade Time:2024-01-11 16:06:51	Last Upgrade Time:2024-01-03 14:53:09	Last Upgrade Time:2023-12-19 18:56:14
test Version:Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.	Latest Version: Unable to obtain the latest version.
rsion State:-	Version State:-	Version State:-
vation State:Activated	Activation State:Activated	Activation State:Activated
Online Upgrade Local Upgrade Rolling back	Online Upgrade Local Upgrade	Online Upgrade Local Upgrade
rusion Prevention Signature Library	ISP Address Library	Threat Intelligence Signature Library
irrent Version:20231212.1655	Current Version:20221202.1005	Current Version:20231219.0716
Upgrade Time:2023-12-19 18:55:18	Last Upgrade Time-	Last Upgrade Time:2023-12-19 18:52:22
st Version:Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.	Latest Version: Unable to obtain the latest version.
sion State-	Version State:-	Version State:-
ation State:Activated		Activation State/Activated
Online Upgrade Local Upgrade Rolling back	Online Upgrade Local Upgrade	Online Upgrade Local Upgrade
LL Signature Library		
rent Version:20231107.1551		
Upgrade Time:2023-12-19 18:51:06		
st Version:Unable to obtain the latest version.		
n State:-		
tivation State Activated		

2.2.7 Threat Intelligence Library Upgrade

Prerequisites

The Threat Intelligence (TI) license has been activated for the firewall and the license is within the validity period.

Procedure

- Offline upgrade
- (1) Download a version file for the threat intelligence library.
 - a Log in to Ruijie Secure Cloud Platform using an account with permission on the Version Management menu.
 - b Choose Version Management > Signature Library Version > Threat Intelligence Signature Library, find the applicable version, and click Download in the Operation column to download the version file to the local device.

RUIJIe SCP	A Home	Security Operations	wice Operations ① Au	thorization Management	💭 Device Management	Se Version Mana	agement () Syst	em Management		
Signature Library Ve 🔺										
App Identification Signatu	Product	Type Select a type.	Model Select a n	iodel. V Softwa	re Version all	√ Ve	rsion Number Sele	ct versionNumber 🗸	Query Reset	
Behavior Analysis Signat	No.	File Name	Version Number	Version Description	Model	Software Version	releaseTime	File Size (MB)	MD5	Operation
Intrusion Prevention Sign	1	ti_03_20240112.0356_full_sig.zip	20240112.0356	ti_03_20240112.0356	Universal	Universal	2024-01-12	6.36MB	7d5e3f5dbd345d	坐 Download
Virus Protection Signatur	2	ti_03_20240111.1356_full_sig.zip	20240111.1356	ti_03_20240111.1356	Universal	Universal	2024-01-11	6.33MB	2d1097a27b6743	± Download
Virus Protection Signatur	3	ti_03_20240110.2356_full_sig.zip	20240110.2356	6_03_20240110.2356	Universal	Universal	2024-01-10	6.32MB	f3b2d3bfc2f177d	
URL Signature Library	4	ti_03_20240110.0956_full_sig.zip	20240110.0956	ti_03_20240110.0956	Universal	Universal	2024-01-10	6.32MB	87edc3a96e0d9a	业 Download
Threat Intelligence Signat	5	ti_03_20240109.1956_full_sig.zip	20240109.1956	ti_03_20240109.1956	Universal	Universal	2024-01-09	6.31MB	5fabf5a32c24958	👱 Download
Software Version Ma 🗸	6	ti_03_20240109.0156_full_sig.zip	20240109.0156	ti_03_20240109.0156	Universal	Universal	2024-01-09	6.30MB	0f7b15c49d7cc2	± Download
	7	ti_03_20240108.1156_full_sig.zip	20240108.1156	ti_03_20240108.1156	Universal	Universal	2024-01-08	6.31MB	17cca6af100e8tb	👱 Download
	8	ti_03_20240107.2156_full_sig.zip	20240107.2156	ti_03_20240107.2156	Universal	Universal	2024-01-07	6.32MB	2b7467d83e2fb5	± Download
	9	ti_03_20240107.0756_full_sig.zip	20240107.0756	ti_03_20240107.0756	Universal	Universal	2024-01-07	6.35MB	727a43916ea78f	业 Download
	10	ti_03_20240106.1756_full_sig.zip	20240106.1756	ti_03_20240106.1756	Universal	Universal	2024-01-06	6.33MB	fb2dd00643c9db	

(2) After the version file is downloaded, choose System > Signature Library Upgrade on the firewall web UI, find Threat Intelligence Signature Library, and click Local Upgrade to upload the version file for the upgrade.



• Online upgrade

🚺 Note

• The firewall must be connected to the Internet.

• When the current version information about the signature library of the firewall exists on Ruijie Secure Cloud Platform and a new version is available, online upgrade of the threat intelligence library can be performed on the firewall web UI.

On the firewall web UI, choose **System** > **Signature Library Upgrade**. On the page that is displayed, find **Threat Intelligence Signature Library**, and click **Online Upgrade** to perform online upgrade.

Ruffie Z Series Firewall	Home Monitor Network Apoliticat Syndem		Network Discovery Network Mgmt Quick Oriboarding Policy Wizard Customer Service admin
Ag Admin >	Signature Library Upgrade		
🔄 System Coefig 💫	Enable Auto Upgrade		
System Time	Upgrade Time:Daily 6 v Hour 4 v Minute		
Sensce Parameters	Signature Library Select All S App Identification Signature Library	Deep Scan) 👩 Virus Protection Signature Library (Quick Scan) 👩 Intrusion Prevention	n Signature Library 🗾 ISP Address Library 🗾 Threat Intelligence Signature Library
Authorization Management	Save		
Fault Diagnosis	Signature Library Type		
Signature Library Upgrade	© Upgrade All (Upgrade all signature libraries online simultaneously)		
Device Info	App Identification Signature Library	Virus Protection Signature Library (Deep Scan)	Virus Protection Signature Library (Quick Scan)
Device Positioning	Current Version:20230217.1245	Current Version-	Current Version:20230809.0218
Config Backup	Last Upgrade Time- Latest Version.Unable to obtain the latest version.	Last Upgrade Time- Latest Version:Unable to obtain the latest version.	Last Upgrade Time - Latest Version:Unable to obtain the latest version.
System Upgrade	Version State -	Version State:	Version State:-
Patch Installation	Activation State Activated	The deep scan function is not enabled, and the virus protection signature library for deep scan is not loaded	Activation State Activated
Restart Defaults Restoration	Online Upgrade Local Upgrade system versionRollback	Chrime Upgrade	Online Upgrade Local Upgrade
	Intrusion Prevention Signature Library	ISP Address Library	Threat Intelligence Signature Ubrary
	Current Version:20221026.1141	Current Version:20221202.1005	Current Version:20250308.1608
	Last Upgrade Time:2023-03-13 11:53:03	Last Upgrade Time-	Last Upgrade Time-
	Latest Version Unable to obtain the latest version. Version State -	Latest Version.Unable to obtain the latest version. Version State-	Latest Version.Unable to obtain the latest version. Version State-
	Version State - Activation State Activated	version state-	Version State: Activation State:Spined
	Online Upgrade Local Upgrade system-versionRollback	Cinline Upgrade Local Upgrade	Online Upgrade Local Upgrade
-			Smuth

2.2.8 System Upgrade

- Offline upgrade
- (1) Download a version file.
 - a Confirm that the current user possesses the permission on the Version Management menu.
 - b Log in to Ruijie Secure Cloud Platform. Choose Version Management > Software Version
 Management > Version Info, find the applicable version, and click Download in the Operation column to download the version file to the local device.

1 NGFW NTOS1 (R6P1 Z2: NGFW NTOS1 0R6P1 2022-16-09 154.71MB dt1cdec/dd. 2020-S Universal 1.00.101	1****@qq.co
BitWeener Version Ma. A A A Version Ma. IP Place selfct in software version hat is supported to those versions." Upgeding to their versions may result in a fature. IP Path Info No. File Name Version Number Version Description release Time File Size (MB) MD5 Model Software Version Hardware Version Open 1 NOFW NTOS1 (RRSP1 / 2) NOFV NTOS1 (RRSP1 2023-16-09 154 / TUBE aftircle/size/add, 22200-S Universal 1.001.01 Image: Comparison of the compari	
Pata telo Pata telo Pata telo Pata telo Pata telo 1 NGFW NTOS1 (RREP1 Z2 NGFW NTOS1 (RREP1 2023-16-99 154.71MB eff1:de1cd4c2id, Z200-S Universal 1.00.101	
1 NGPV NTOS10R8P1 Z2 NGPV NTOS10R8P1 2023-16-09 154/71MB df1154e1d4x2ML Z3200-S Universal 1.00.101	×
1 NGFW NTOS1.0R6P1 Z3 NGFW NTOS 1.0R6P1 2023-10-09 154.71MB df11c9=1c8de2ld Z3200-S Universal 1.00.1.01	ration
	Download
2 V5.2-NGFW_NTOS1.0R5 NGFW_NTOS1.0R5 2023-06-16 154.64MB 5736531783d0tb Z3200-S Universal 1.00.1.01;1.02;1.03	Download View Version Introdu

(2) After the version file is downloaded, choose System > System Maintenance > System Upgrade on the firewall web UI, upload the version file, and perform offline upgrade (local upgrade) of the device system.

Ag Admin > I Sy Image: System Config > Image: System Config > <th>system upg</th> <th>form an upgrade online or visit Ruijje rade file. Then, perform the upgrade</th> <th></th> <th>form at https://seclour</th> <th>1</th> <th></th> <th></th> <th></th>	system upg	form an upgrade online or visit Ruijje rade file. Then, perform the upgrade		form at https://seclour	1			
Fault Diagnosis >	system upg	rade file. Then, perform the upgrade		form at https://seciou				
	system upg	rade file. Then, perform the upgrade		form at https://seciour	a state and the state of the st			1
Cloud Management Platform							load the latest	
		ile name cannot contain any Chinese						
🗒 Signature Library Upgrade	Version Info							2
🕲 System Maintenance 🗠	Current Version	NGFW NTOS 1.0R5, Release(0315132	:0)					
Device Info	Version Dollback	You can roll back toNGFW NTOS 1.01	A Delesse(021514)	01)				
Device Positioning	Version Rollback	Version Rollback	(4, Release(051514)	01)				
Config Backup								
System Upgrade	Online Upgrade							
Patch Installation	Recommended Version	Failed to connect to the server or obt	ain the version.					
Restart	Local Upgrade							
Defaults Restoration	Download	Download Link:https://secloud1.ruijk	e.com.cn					
	Import	Select an upgrade file.	Browse	Upgrade Now				

• Online upgrade

1 Note

- The firewall must be connected to the Internet.
- When the current version information about the firewall exists on Ruijie Secure Cloud Platform and a new version is available, online upgrade of the device system can be performed on the firewall web UI.

On the firewall web UI, choose **System > System Maintenance > System Upgrade**. On the page that is displayed, click **Upgrade Now** to perform online upgrade.

Ruijie Z Series Firewall	G Home © Monitor @ Network & Chject 😨 Policy @ System Policy Ward Customer Service admin									
🎭 Admin →	I System Upgrade									
 System Config Fault Diagnosis 	O You can perform an upgrade online or visit Ruijle Secure Cloud Platform at https://secloud1.nuijle.com.cn On the platform, access the Software Version page and download the latest system upgrade file. Then, perform the upgrade locally. Do not close or refresh this page during the upgrade									
Cloud Management Platform Signature Library Upgrade	process. Otherwise, the upgrade may fail. Note: The file name cannot contain any Chinese or full-width character. Before the upgrade, verify that the target version matches the device model. Note: The file name cannot contain any Chinese or full-width character. Before the upgrade, verify that the target version matches the device model.									
割 System Maintenance	Version Info Current Version NGFW_NTOS 1.0R5, Release(03151320)									
Device Positioning Config Backup	Version Rollback Vou can roll back toNGFW_NTOS 1.0R4, Release(03151401) Version Rollback Version Rollback									
System Upgrade	Online Upgrade									
Patch Installation Restart	Recommended Version Failed to connect to the server or obtain the version.									
Defaults Restoration	Local Upgrade Download Link:http://secloud1.rulije.com.cn									
	Import Select an upgrade file. Browse Upgrade Now									

2.2.9 Patch Installation

When a patch in the system is not installed, an alarm is displayed on the home page. When more than 20 patch packages need to be installed, you are advised to upgrade the software version.

- Online patch installation
 - a Log in to the firewall web UI and choose **System > System Maintenance > Patch Installation**.
 - b Toggle on Auto Upgrade under Online Upgrade. The system automatically installs the patch packages.

A Caution

Online upgrade is successful only when the firewall can properly communicate with Ruijie Secure Cloud Platform.

① You can perform an upgrade online or visit Ruijie Secure Cloud Platform at https://secloud1.ruijie.com.cn On the platform, access the Version Upgrade page and download the latest patch file. Then, install the patch locally to complete the upgrade. Do not close or refresh this page during the upgrade process. Otherwise, the upgrade may fail. Note: The file name cannot contain any Chinese or full-width character. Before the upgrade, verify that the target version matches the device model.								
Online Upgrade (New patches will be installed at the specific time point. Some patches do not support automatic upgrade and require manual upgrade.) Patch Info Sync Daily 05 v Hour 37 v Minute Auto Upgrade C After this function is enabled, new patches that support automatic upgrade are automatically installed.) Local Upgrade								
	Download Link:https://secl	oud1.ruijie.com.cn						
	Select a patch file.	Browse Upgr	ade					
Import								
Import								
	Patch Name	system.upgradeType	Release Date	Descript ion Source	Status	Installation Time		

- Offline patch installation
 - Log in to Ruijie Secure Cloud Platform, choose Version Management > Software Version
 Management > Patch Info, and download the latest patch upgrade file to the local device.

Ruijie scp	A Home	Security Operations	Device Operations	Authorization Management	t 🖵 Device Management	B Version Management	 System Management 			🔎 1****@v
Signature Library Ve 🗸			_							
Software Version Ma 🔨	Produc	t Type Select a type.	Model Sel	ict a model. V Softwa	re Version all	 Version N 	umber Select versionNumber	Query	Reset	
Version Info	0	Please select the patch version t	nat is supported for upgrade base	ed on "Supported Software Versions	" Upgrading to other patch version	s may result in a failure.				
Patch Info	No.	File Name	Version Number	Version Description	releaseTime File	Size (MB) MD5	Model	Software Version	Hardware Version	Operation

- b Log in to the firewall and choose **System > System Maintenance > Patch Installation**.
- c In the Local Upgrade area, click Browse and select a patch file.

download t	he latest patch file. Then, ir	visit Ruijie Secure Cloud Platform at Install the patch locally to complete th	e upgrade. Do not close o	r refresh this page	during the upgrade proce	ss. Otherwise, the
upgrade m	ay fail. Note: The file name	cannot contain any Chinese or full-w	lidth character. Before the	upgrade, verity th	at the target version matcr	es the device model.
Online Upgrade	(New patches will be installed a	at the specific time point. Some patches do	not support automatic upgrad	e and require manua	l upgrade.)	
Patch Info Sync	Daily 05 V Hour 37	√ Minute				
Auto Upgrade	(After this function is en	abled, new patches that support automatic	upgrade are automatically inst	talled.)		
Local Upgrade						
Download	Download Link:https://sec	oud1.ruijie.com.cn				
Import	Select a patch file.	Browse	ade			
C Refresh						
No.	Patch Name	system.upgradeType	Release Date	Descript ion	Source Status	Installation Ti

d Click Upgrade to start system upgrade.

Note

Device restart is not required after successful hot patch installation, but is required for successful cold patch installation. Select whether to restart the device based on actual needs.

2.2.10 License Activation

- License binding
- (1) Confirm that the current user possesses the permission on the Authorization Management menu.
- (2) Log in to Ruijie Secure Cloud Platform. Choose Authorization Management > Authorization Activation. On the page that is displayed, click License Activation. In the License Generation dialog box that is displayed, bind licenses using one of the following methods:
 - o Manually add the device SN and license code.

Click Manual Input, enter the device SN and license code, and click Generate License File.

Ruijie scp	A Home	Security Operations	Device Operations	O Authorization Manageme	nt 💭 Device Management	28 Version Management	System Management		
Authorization Activation	Device #	luthorization							
		?	se Activation	Generation			×		
			0 On	ce a license file is generated, the v	alidity period begins. Activate the licen	se on the device as soon as possi	tie.		
	License I	h Download	O Manua	al Input O Batch Import					
	If a subm page	itted license code is not show	n in the list Refn No.1	* Device SN Ent	er the device SN			e Type Select a license type. ~	
		No. License Code	Lic	* License Code Ent	er the license code.	Add License Code		nse Validity Period Activation T	ïme Operat
			● Add	Device SN and Authorization C	ode				
					Generate License File	Cancel			

o Batch import device SNs and license codes.

Click **Batch Import**, download a template, enter the device SNs and license codes in the template file in the correct format, upload the file, and click **Generate License File**.

Ruíjie scp	A Home	Security Operations	 Device Operations 	Authorization Management	🖵 Device Management	B Version Management	System Mar	agement	
Authorization Activation	Device A	Authorization							
			nse Activation	License Generat			×		
	License L	List			file is generated, the validity pe s soon as possible.	riod begins. Activate the license			
		h Download nitted license code is not show	n in the list Refresh the	O Manual Input	Batch Import		license 🗸	License Type Select a licens	
	. 1	No. License Code	License Name	Import Select a fil	e. Browse Generate License File	Cancel		License Validity Period	Activation

- Offline activation
- Log in to Ruijie Secure Cloud Platform and bind the device SN to the license code. On the Device Authorization page, find the desired item in the license list, and click Download in the Operation column to download the license file.

Device Authorization	
License Activation	
License List	
	License Name Select license name. License Status Select a license v License Type Select a license type.
If a submitted license code is not shown in the list Refresh the page	Enter a device SN or license name
No. License Code License Name Device SN	License Status License Type License Validity Period Activation Time Operation
	No Data

(2) On the firewall web UI, choose System > System Config > Authorization Management and click Activate Manually to upload the license file for offline license activation. For details, see <u>2.3.2</u> Manual Activation.

Ruffe Z Series Firewall	습 Home	S Monitor	Network	₽ <u></u> Object	Policy	(2) System	M Network Discovery	⊗ Network Mgmt	1 Quick Onboarding	@ Policy Wizard	ြ Customer Service	Q admin
& Admin →	Author	ization Ma	nagement									
System Config System Time		License Cor	-		is as Duille C	ecure Cloud Platform athttps://secloud1.ruijje		and the Davies And	h		Cl. The	
SNMP Service Parameters		account of th	is platform is used	for activating ar	nd changing d	ectre cloud Plant and the set of a confidential levice licenses and must be kept confidential us.For threat intelligence, only online activa	.)	cess the Device Au	nonzation page, and	jenerate a license	nie. The	
Authorization Management			e Online vate Now				You can choose		ual activation.			
Cloud Management Platform		Activ	ate NOW				Activate Man					
Signature Library Upgrade System Maintenance >		Device SN:	MACC93267266	6 Copy								_
		License Info	o Iance License							How to Obtair	License	
		Available Perf	ormance:3G(Basic	Performance:1G	i+Added New	Performance:2G) Performance to Be Add	ded:0G				3G /3G	
		🖾 SSL VPN										
	Max. Concurrent License Sessions25(25 concurrent free license sessions + 0 concurrent purchased license sessions)											
		No.	Security Ca	pability Nam	e	Description	License T	ype		Status		
		1	App Identi	fication (APP)	It	t provides upgrade services for app id entification signature libraries.	Formal Lic	ense	Activated (E 07)	xpiry Time:202	4-03-	
		2	Intrusion Pr	revention (IPS)) It	t provides upgrade services for IPS sig nature libraries.	Formal Lic	tense	Activated (E	xpiry Time:202	4-03-	

Online activation

After the firewall is connected to the Internet, choose **System** > **System Config** > **Authorization Management** on the firewall web UI to perform online activation. For details, see <u>2.3.1 Automatic Activation</u>.

Ruffe Z Series Firewall	O Home © Monitor O Network & Object Policy O System O System O Network Discovery Network Mgmt Quick Onboarding Policy Wizard Customer Service admin
Admin →	Authorization Management
🚸 System Config 🛛 🗸 🗸	
System Time	License Config
SNMP	1. Before activating a device, register on and log in to Ruijie Secure (Could Platform athttps://seculd1.uijie.courd.Ont platform, access the Device Authorization page, and generate a license file. The account of this platform is used for activating and changing device licenses and indust be kept conditionation. On the platform, access the Device Authorization page, and generate a license file. The account of this platform is used for activating and changing device licenses and indust be kept conditionation. On the platform, access the Device Authorization page, and generate a license file. The account of this platform is used for activating and changing device licenses and indust be kept conditionation. On the platform, access the Device Authorization page, and generate a license file. The
Service Parameters	Select an activation mode based on device connection status.For threat intelligence, only online activation is supported.
Authorization Management	Activate Online You can choose to perform manual activation.
Fault Diagnosis	Activate Manually
Cloud Management Platform	
🗐 Signature Library Upgrade	Device SN: MACC932672666 Copy
ੰ System Maintenance →	
	License Info How to Obtain License
	Performance License 3G/3G
	Available Performance:3G(Basic Performance:1G+Added New Performance:2G) Performance to 8e Added:0G
	I SSL VPN License
	Max. Concurrent License Sessions25(25 concurrent free license sessions + 0 concurrent purchased license sessions)

2.3 License Activation Methods

Two license activation methods are available: automatic activation and manual activation.

A Caution

The threat intelligence function supports online license activation only.

2.3.1 Automatic Activation

Application Scenario

When the device is connected to the Internet, you can use the automatic activation method to perform online activation in real time.

Prerequisites

- Automatic activation is supported only when the license code is within the validity period. If the license code has expired (obtaining the validity period in the license file), contact the technical support personnel.
- You have performed the following operations: Log in to Ruijie Secure Cloud Platform
 (<u>https://secloud1.ruijie.com.cn</u>) and choose Authorization Management > Authorization Activation. On
 the page that is displayed, click License Activation and generate a license file.

Ruijie scp	A I	lome Security Operations	Device Operations	Authorization Management	💭 Device Management	B Version Management	 System Management 	
Ruffe scr	2	Device Authorization	nin the list Raff	Seneration a loanse file is generated, the validity rput Datch Import * Device SN Exter the	period begins: Activate the licent device SN license code.		×	Type Select a license type. Enter a device SN te Validity Period Activation Time Opme

Procedure

- (1) Log in to the firewall web UI and choose System > System Config > Authorization Management.
- (2) Click Activate Now.

Ruffe Z Series Firewall	A Home I Monitor Discovery Network Mgmt Quick Onboarding Policy Wizard Customer Service admin									
Admin >	Authorization Management									
🚸 System Config 🛛 🗸 🗸										
System Time	License Config									
SNMP	1. Before extinating a device, register on and log in to Rulpis Secure Cloud Flatform at https://securd/logi.acman.co. the platform, access the Device Authorization page, and generate a license file. The account of this platform is used for activation and changing device license and neutral to kept confidential.)									
Service Parameters	2. Select an activation mode based on device connection status. For threat intelligence, only online activation is supported.									
Authorization Management	Activate Online You can choose to perform manual activation.									
	Activate Now Activate Manually									
Cloud Management Platform										
🗑 Signature Library Upgrade	Device SN: MACC932672666 Copy									
	License Info How to Obtain License									
	Performance License									
	Available Performance:3G(Basic Performance:1G+Added New Performance:2G) Performance to Be Added:0G 3G/3G									
	SSL VPN License									
	Max. Concurrent License Sessions25(25 concurrent free license sessions + 0 concurrent purchased license sessions)									

Note

NTOS1.0R1P1 and later versions support automatic license activation after the device is connected to the Internet. After the device SN and license code are bound on Ruijie Secure Cloud Platform, you do not need to click **Activate Now** on the firewall web UI.

2.3.2 Manual Activation

Application Scenario

When the device is not connected to the Internet, you can use the manual activation method to manually upload a license file for activation.

Prerequisites

You have performed the following operations: Log in to Ruijie Secure Cloud Platform

(<u>https://secloud1.ruijie.com.cn</u>) and choose **Authorization Management** > **Authorization Activation**. On the page that is displayed, click **License Activation** and generate a license file.

Ruijie scp	A Home	Security Operations	Device Operations	① Authorization Management	🖵 Device Management	BB Version Management	System Management	
Ruffe scr	2 Device License S Bat If a sub page	Authorization	n in the list Refer	ieneration	period begins. Activate the licens device SN		×	Type Select a license type v Enter a device SN e Ne Validity Period Activation Time Operat
				7	Generate License File	Cancel	_	

In the dialog box, click **Download License File** to save the license file to the local device.

	~
Generation succeeded A license file is generated. Activate the lic device as soon as possible. (For threat inte online activation is supported	enses on the lligence, only

Procedure

- (1) Log in to the firewall web UI and choose System > System Config > Authorization Management.
- (2) Click Activate Manually. The Manual License Activation Procedure dialog box is displayed.

Manual License	Activation Procedure	9		\otimes
1. Obtain Dev Click Copy to o Device SN:MA	obtain the device SN and use	it on the cloud platform	to generate a license file.	
Authorization you have purc	cure Cloud Platform athttps://	nse. Then, enter the device	the platform, access the Device SN obtained in step 1 and the lice	ense code
3. Import Lice Import the lice Upload	ense File ense file obtained in step 2 ar Select a license file.	nd click Activate to compl Browse	ete the authorization.	
		Disable		

- (3) Copy the device SN and log in to Ruijie Secure Cloud Platform to export the license file.
- (4) Click Browse under Import License File and import the downloaded license file.
- (5) Click Activate to activate the license.

Follow-up Procedure

After license activation, check the license activation status on the page.

3 Precautions for License Activation

Before using the license activation function, pay attention to the following points:

- After license activation, ensure that DNS is correctly configured for the firewall and the firewall is properly connected to the Internet.
- Before license activation, log in to Ruijie Secure Cloud Platform (<u>https://secloud1.ruijie.com.cn</u>) and choose Authorization Management > Authorization Activation. On the page that is displayed, click License Activation and generate a license file. (The account of Ruijie Secure Cloud Platform is used to activate and change licenses. Please properly keep account information.)



• Automatic activation is supported only when the license code is within the validity period. If the license code has expired (obtaining the validity period in the license file), contact the technical support personnel.