

# **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	<ol> <li>Button names</li> <li>Window names, tab name, field name and menu items</li> <li>Link</li> </ol>	<ol> <li>Click OK.</li> <li>Select Config Wizard.</li> <li>Click the Download File link.</li> </ol>
>	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	<b>Ie</b> 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	<ul> <li>Device Operations</li> </ul>	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				Ø Message Center ⊕ 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					
		Privacy Policy Release Time 20	23-09-08 00:00:00 Friday	C				

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.

<b>Ruíjie</b> 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.

Ruijie SCP	A Home	Security Operations	Device Operations     Au	thorization Management	🖵 Device Management	88 Version Mana	gement () Syste	m Management		
Signature Library Ve 🥆										
App Identification Signatu	Product 1	Type Select a type.	Model Select a n	nodel. V Softw	are Version all	<ul> <li>✓ Ver</li> </ul>	sion 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	app_signature.zip	20231222.1615	20231222.1615	Universal	Universal	2023-12-22	0.69MB	4d98ddce4ef2d3	坐 Download
Virus Protection Signatur	2	app_signature.zip	20231221.1601	20231221.1601	Universal	Universal	2023-12-19	0.69MB	b3055177e9fbfdd	± Download
Virus Protection Signatur	3	app_signature.zip	20231118.1428	20231118.1428	Universal	Universal	2023-11-17	0.91MB	f404c8ec083e03	
URL Signature Library	4	app_signature.zip	20231110.1660	20231110.1660	Universal	Universal	2023-11-13	0.67MB	8432da4d2bfed6	
Threat Intelligence Signat	5	app_signature.zip	20231103.1103	20231103.1103	Universal	Universal	2023-11-03	1.10MB	5e9aea1db5e27e	👱 Download
Contrare veraful ma V	6	app_signature.zip	20231012.1011	20231012.1011	Universal	Universal	2023-10-12	0.67MB	2b9d3a893a157f	坐 Download
	7	app_signature.zip	20230611.1649	20230611.1649	Universal	Universal	2023-09-21	0.51MB	7025ac553576d5	± Download
	8	app_signature.zip	20230913.1719	20230913.1719	Universal	Universal	2023-09-12	0.57MB	ac590bd0b7cbcf	± Download
	9	app_signature.zip	20230912.1053	20230912.1053	Universal	Universal	2023-09-11	0.57MB	1a2bc9792b3ed3	± Download
	10	app_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).

I Signature Library Upgrade   I Signature Library	ې admin
Sydem Cody Sydem Tore Sydem To	
Upgrade TimeDaily       ©       With Mittee         Upgrade TimeDaily       ©       With Mittee         Sevent Standard       Separater Ubray       ©       More Protection Signature Ubray (Dack Scan)       ©         Sevent Standard       ©       App Identification Signature Ubray       ©       None Protection Signature Ubray (Dack Scan)       ©       Intrusion Prevention Signature Ubray       ©       RSP Address Ubray       ©       These Intelligence Signature Ubray       ©       These Intelintelligence Signature Ubray       ©	
Service Pearler       Signature Ubersy       Signature Ubersy       Intrustion Signature Ubersy       Intrustion Pearler       Intrust	
National Status Balance Status     Series       Image: Status Balance Status B	1
Otace Ubacy Type       Operation     Operation       Operation     Application       Operation     Application       Operation     Application       Operation     Application       Operation     Application       Operation     Application       Operation     Current Window       Control Window     Current Window    <	
Device Hule         App Identification Signature Ubrary         Virus Protection Signature Ubrary (Deep Scan)         Virus Protection Signature Ubrary (Deep Scan)           Device Protoching         Current Virision:         Current Virision:         Current Virision:         Current Virision:           Carling Backup         Last Upgrade Timer-         Last Upgrade Timer-         Last Upgrade Timer-         Last Upgrade Timer-           System Ubgrade         Last Virision: State:         Uncert Virision:         Last Upgrade Timer-         Last Upgrade Timer-           System Ubgrade         Last Virision: State:         Virision: State:         Virision: State:         Virision: State:	
Device Partitioning         Current Venion/2003/00/71/325         Current Venion/2003/00/71/325         Current Venion/2003/00/71/325           Cenfig Batupe         Lat Upgade Time-         Lat Upgade Time-         Lat Upgade Time-           System Upgrade         Lates Venion/Lates I data the latest venion.         Latest Venion/Latest I data the latest venion.         Latest Venion/Latest I data the latest venion.           System Upgrade         Venion State         Venion State         Venion State	
Cardig Baskup         Lat Uppade Tim-         Lat Uppade Tim-         Lat Uppade Tim-           System Uppade         Latest Venionschale to oblain the latest venion.         Latest Venionschale to oblain the latest venion.         Latest Venionschale to oblain the latest venion.           System Uppade         Venion State         Venion State         Venion State         Venion State	
Splan Ubgrade Union Tatari Venion Tatari Ven	
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 Activation State	
Retart         Online Upgrade         Local Upgrade         Local Upgrade         Local Upgrade           Deluits Retourium         Deline Upgrade         Local Upgrade         Local Upgrade         Local Upgrade	
Intrusion Prevention Signature Library ISP Address Library Threat Intelligence Signature Library	
Current Version 2022/2025 1141 Current Version 2022/2022 1005 Current Version 2022/2022 1005	
Lat Ugrade Time-221-01-13 11:53:01 Lat Ugrade 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 Activation State/Activated	
Online Upgrade Local Upgrade system-venice/Rellback Online Upgrade Local Upgrade Local Upgrade Local Upgrade Local Upgrade	0
	Third

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.

Ruijie scp	A Home	Security Operations	ce Operations ① Auth	orization Management	Device Management	28 Version Mana	gement (i) System	n Management		
Signature Library Ve									_	
App Identification Signatu	Product Ty	pe Select a type.	Model Select a mo	del. V Softwa	re Version all	√ Ver	sion Number Select	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	ips_full_sign_v20240102.1135.zip	20240102.1135	The upgrade package	Universal	>=R5	2024-01-02	1.22MB	f1f09476a32a3b9	$\pm$ Download
Virus Protection Signatur	2	ips_full_sign_v20231229.1416.zip	20231229.1416	The upgrade package	Universal	>=R5	2023-12-29	1.22MB	c4d65l56e13147	± Download
Virus Protection Signatur	3	ips_full_sign_v20231219.1502.zip	20231219.1502	The upgrade package	Universal	>=R5	2023-12-19	1.21MB	f9b877063ba919	± Download
URL Signature Library	4	ips_full_sign_v20231212.1655.zip	20231212.1655	The upgrade package	Universal	>=R5	2023-12-12	1.20MB	a0ff1294a2d1db6	± Download
Threat Intelligence Signat	5	ips_full_sign_v20231205.1629.zip	20231205.1629	The upgrade package	Universal	>=R5	2023-12-05	1.19MB	3a14d248815328	± Download
Soltware version ma V	6	ips_full_sign_v20231128.1702.zip	20231128.1702	The upgrade package	Universal	>=R5	2023-11-28	1.18MB	f0fca5be08ebe12	± Download
	7	ips_full_sign_v20231114.1631.zip	20231114.1631	The upgrade package	Universal	>=R5	2023-11-15	1.16MB	6a3fd5b30eafd3f	👱 Download
	8	ips_full_sign_v20231107.1530.zip	20231107.1530	The upgrade package	Universal	>=R5	2023-11-08	1.15MB	b7124756488c6e	👱 Download
	9	ips_full_sign_v20231031.1507.zip	20231031.1507	The upgrade package	Universal	NGFW_NTOS 1	2023-10-31	1.14MB	2669e1670e6964	± Download
	10	ips_full_sign_v20231024.1404.zip	20231024.1404	The upgrade package	Universal	NGFW_NTOS 1	2023-10-24	1.13MB	480dfc4210a83b	± Download

(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		
Authorization Management	App identification signature Library	ueep scan) 🔯 virus Protection signature Library (Quick Scan) 🔯 intrusion Prevention	n signature Library 🖸 ISP Address Library 🔯 Inreat intelligence signature Library
Fault Diagnosis >	Saw		
D Cloud Management Platform	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 -	Version State:	Version State -
Patch Installation	Activation StaticActivated	Ine deep scan function is not evalued, and the velus protection signature library for deep scan is not loaded	Activation state Activated
Defaults Restoration	Online Upgrade Local Upgrade system versionRollback	Online Upgrade <sup>6</sup> Local Upgrade	Online Upgrade Local Upgrade
	Intrusion Prevention Signature Library	ISP Address Library	Threat Intelligence Signature Library
	Current Version:20221026.1141 Last Upsrade Time-2021-20-13.11-95-03	Current Version:20221202.1005	Current Version:20230308:1608
	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
8			<u>*</u>

• 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.)		
App Identification Signature Library	Virus Protection Signature Library (Deep Scan)	Virus Protection Signature Library (Quick Scan)
Current Version:20230217.1245 Last Upgrade Time:-	Current Version:- Last Upgrade Time-	Current Version:20230309.0218 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. The deep scan function is not enabled, and the virus protection signature library for deep scan is not loaded	version suite:* Activation State:Activated
Online Upgrade Local Upgrade system version Rollback	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 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.
Version State-	Version State:-	Version State:-
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     O	uthorization Management	C Device Management	Strain Man	agement 💿 Sy	stern Management		
Signature Library Ve										
App Identification Signatu	Product	Type Select a type.	Model Select a r	nodel. V Softw	are Version all	√ Ve	rsion Number Se	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	时 hash_20240112.1530_fu	ll_sig.zij 20240112.1530	hash_20240112.1530	Z3200-S	Universal	2024-01-12	8.91MB	6160b9a7e62ae3	± Download
Virus Protection Signatur	2	100 hash_20240112.0403_ful	II_sig.zij 20240112.0403	hash_20240112.0403	Z8620,Z8680	Universal	2024-01-12	76.35MB	82cf6841b4c0d8	± Download
Virus Protection Signatur	3	100 hash_20240112.0316_ful	ll_sig.zij 20240112.0316	hash_20240112.0316	Z3200-S	Universal	2024-01-12	8.98MB	c50814494865e3	± Download
URL Signature Library	4	100 hash_20240111.1502_ful	l_sig.ziį 20240111.1502	hash_20240111.1502	Z3200-S	Universal	2024-01-11	8.93MB	5f2e30c0370fa51	± Download
Software Version Ma	5	100 hash_20240111.1403_ful	L_sig.zij 20240111.1403	hash_20240111.1403	Z8620,Z8680	Universal	2024-01-11	76.43MB	ccbd8d2f7c54e0	± Download
	6	(10.11.0254_ful) hash_20240111.0254_ful	l_sig.zi; 20240111.0254	hash_20240111.0254	Z3200-S	Universal	2024-01-11	9.04MB	0e51827fe8f4ada	👱 Download
	7	(10) hash_20240111.0003_ful	l_sig.zij 20240111.0003	hash_20240111.0003	Z8620,Z8680	Universal	2024-01-11	76.40MB	271deb7bc1ab35	± Download
	8	bash_20240110.1440_ful	ll_sig.zij 20240110.1440	hash_20240110.1440	Z3200-S	Universal	2024-01-10	9.11MB	b4af4a92e93351	± Download
	9	(1003_ful) hash_20240110.1003_ful	ll_sig.zij 20240110.1003	hash_20240110.1003	Z8620,Z8680	Universal	2024-01-10	76.45MB	6e749203a7ed2ff	± Download
	10	100 hash_20240110.0234_ful	l_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 <ul> <li>Upgrade All (Upgrade all signature libraries online simultaneously)</li> </ul>		
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:-	Version State:	Version State:-
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

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 v Hour 4 v Minute nature Library Select Ali 2 App dentification Signature Library 2 Vinus Protection Sig	ature Library (Deep Scan) 👩 Vina Protection Signature Library (Quick Scan) 👩 Intrusion Prevention	r Signature Library 👩 ISP Address Library 👩 Threat Intelligence Signature Libr
gnature Library Type D Upgrade All (Upgrade all signature libraries online simultaneously)		
App Identification Signature Library	Virus Protection Signature Library (Deep Scan)	Virus Protection Signature Library (Quick Scan)
Jament Version;2020/217.1349 Jant Upgable Timer- Jant Upgable the obtain the latest version. Antion State- Advances State Activitied	Current Version:- Last togate Trime- Last Version: Chalade to advant the latest version. Version State: The deep scan horizon is not enabled, and the Virus protection signature library for deep scan is not isolated	Current Vervion.2020/09/0218 Last Upgrahe Time - Later Vervion.cuble to obtain the latest version. Vervion State Activation State.Activated
Online Upgrade Local Upgrade system.versionRollb	Online Upgrade	Online Upgrade
ntrusion Prevention Signature Library	ISP Address Library	Threat Intelligence Signature Library
urrent Version:20221026:1141 et Ungrade Time:2023-03-13:11:53:03	Current Version:20221202.1005	Current Version:20230308.1608
atest Version:Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.	Latest Version:Unable to obtain the latest version.
Aersion State:- Activation State:Activated	Version State-	Version State - 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	vice Operations 💿 Aut	horization Management	Device Management	요즘 Version Mar	nagement	System Management		
Signature Library Ve 🔺										
App Identification Signatu	Product	Type Select a type.	Model Select a m	odel. V Softwar	e Version all	~ V	ersion Number	Select 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	600 sdk_20240112.1119_full_sig.zip	20240112.1119	sdk_20240112.1119_f	Z8620,Z8680	Universal	2024-01-12	278.12MB	bc063dbcb4d7eb	± Download
Virus Protection Signatur	2	600 sdk_20240112.1051_full_sig.zip	20240112.1051	sdk_20240111.2220_full_sig.zip	Z3200-S	Universal	2024-01-12	36.86MB	8061d97a695f60	坐 Download
Virus Protection Signatur	3	600 sdk_20240111.2220_full_sig.zip	20240111.2220	sdk_20240111.2220_f	Z8620,Z8680	Universal	2024-01-11	277.93MB	2d7edb00b5645b	± Download
URL Signature Library	4	500 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	600 sdk_20240111.1000_full_sig.zip	20240111.1000	sdk_20240111.1000_f	Z3200-S	Universal	2024-01-11	36.81MB	50983d9e6e7e35	± Download
	6	600 sdk_20240111.0945_full_sig.zip	20240111.0945	sdk_20240111.0945_f	Z8620,Z8680	Universal	2024-01-11	277.83MB	330b0ec1098e6a	± Download
	7	600 sdk_20240110.2142_full_sig.zip	20240110.2142	sdk_20240110.2142_f	Z3200-S	Universal	2024-01-10	36.80MB	b523cc4613f292	± Download
	8	600 sdk_20240110.2109_full_sig.zip	20240110.2109	sdk_20240110.2109_f	Z8620,Z8680	Universal	2024-01-10	277.64MB	613b7fc0226e7f0	± Download
	9	600 sdk_20240110.0928_full_sig.zip	20240110.0928	sdk_20240110.0928_f	Z3200-S	Universal	2024-01-10	36.78MB	b26bd7ab9867d5	± Download
	10	tal) sdk_20240110.0822_full_sig.zip	20240110.0822	sdk_20240110.0822_f	Z8620,Z8680	Universal	2024-01-10	277.46MB	4094c3e93a6082	± 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- Lateat Version State Activation State Activated Online Upgrade Local Upgrade oystem.versionRollback	Current Version- Last Upgrade Time- Latest Version: Nable 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- Latert Version State- Activation State- Activation State- Chiline Upgrade
Intrusion Prevention Signature Library Current Version-20221026.1141 Last Upgrade Time 2023-03-13.1153.03 Latert Version State- Version State- Activation State-Activated	ISP Address Library Current Version:3021202:1005 Latel Upgrade Time- Laterst Version:Unable to obtain the latest version. Version State-	Threat Intelligence Signature Library Current Version:2023008:1608 Last Upgrada Time: Later Version:Unable to obtain the latest version. Version State: Activation 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.

Ruijie scp	A Home	Security Operations	rice Operations () Auth	orization Management	Device Management	B Version Manag	gement 🍥 S	system Management		
Signature Library Ve										
App Identification Signatu	Product	Type Select a type.	Model Select a mo	del. V Softwa	re Version all	Ven	sion 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	😡 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.zij	20230901.0858	20230901.0858	Z3200-S	Universal	2023-08-31	6.39MB	c2dc63602e7dffe	± Download
Threat Intelligence Signat										
Software Version Ma ~										

(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 Varsion: 20231212 1655	Gumant Varsinn/20221202 1005	Currant Varsine 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
OKE signature clorary		
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
L Signature Library		
rent Version:20231107.1551		
Upgrade Time:2023-12-19 18:51:06		
st Version:Unable to obtain the latest version.		
n State:-		
Contract Contract and and		

#### 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	vice Operations () Aut	horization Management	Device Management	盟 Version Mana	gement () Syste	m Management		4
Signature Library Ve App Identification Signatu	Produc	t Type Select a type.	Model Select a mo	odel. v 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	ti_03_20240112.0356_full_sig.zip	20240112.0356	ti_03_20240112.0356	Universal	Universal	2024-01-12	6.36MB	7d5e3f5dbd345d	👱 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	
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 V	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.zlp	20240108.1156	ti_03_20240108.1156	Universal	Universal	2024-01-08	6.31MB	17cca6af100e8fb	★ 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	± Download

(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		Network Discovery Network Mgmt Quick Oriboarding Policy Wizard Customer Service admin
Ag Admin >	Signature Library Upgrade		
💮 System Config 👘 🔶	Enable Auto Upgrade		
System Time SNMP	Upgrade Time:Dally 6 Hour 4 Minute		
Sensce Parameters	Signature Library Select All Z App Identification Signature Library	Deep Scan) 👩 Virus Protection Signature Library (Quick Scan) 👩 Intrusion Preventio	n Signature Library 🛛 ISP Address Library 🔄 Threat Intelligence Signature Library
Authorization Management	Save		
Cloud Management Platform	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:20230309.0218
Config Backup	Last Upgrade Time>	Last Upgrade Time:	Last Upgrade Time-
System Opgrade	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	Activation State Activated
Restart Defaults Restoration	Online Upgrade Local Upgrade systemversionRollback	is not leaded Online 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:20210308.1608
	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 - Activation State Activated	Version State-	Version State: Activation State:Topined
	Online Upgrade Local Upgrade system.versionRollback	Online 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.

Ruijie scp	ń	Home	Security Operations	Device Operations	Authorization Management	ent 🙄 Device Ma	anagement 28 Versio	on Management	System Management			٩	1****@qq.com
Signature Library Ve 🗸													
Software Version Ma 🔺		Product	Type Select a type. v	Model Sele	ct a model. V Softv	vare Version all	<ul> <li>Vers</li> </ul>	ion Number Select	versionNumber 🗸	Query Reset			
Version Info		O Ple	ase select the software version	that is supported for upgrade ba	ased on "Supported Software Ver	sions." Upgrading to othe	er versions may result in a fai	lure.					×
Patch info		No.	File Name	Version Number	Version Description	releaseTime	File Size (MB)	MD5	Model	Software Version	Hardware Version	Operation	
		1	NGFW_NTOS1.0R6P1_Z	NGFW_NTOS 1.0R6P1		2023-10-09	154.71MB	df11c9e1c8de2fd	Z3200-S	Universal	1.00;1.01	± Downi ☐ View V	oad fersion Introdu
		2	V5.2-NGFW_NTOS1.0R5_	NGFW_NTOS 1.0R5		2023-06-16	154.64MB	5736531783d0tb	Z3200-S	Universal	1.00;1.01;1.02;1.03	± Downl	oad fersion 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.

Image: Speer Conference       Image: Speer Conference <th>Ruffe   Z Series Firewall</th> <th>은 Home 중 Monitor @ Network 우 Object 중 Policy 이 System</th> <th>Ø licy Wizard</th>	Ruffe   Z Series Firewall	은 Home 중 Monitor @ Network 우 Object 중 Policy 이 System	Ø licy Wizard
<ul> <li>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</li></ul>	🔏 Admin >	System Upgrade	
Image: State Disposition   Image: Dispos	System Config >		
Could Management Harlow     Could Management Harlow	Fault Diagnosis >	O You can perform an upgrade online or visit Rulije Secure Cloud Platform at https://secudat.nulije.com.n On the platform, access the Software Version page and download the latest extens upgrade file. Then conform the upgrade locality. Do not close or stratest the rande divide the upgrade locality. Do not close or stratest the rande divide the upgrade locality. Do not close or stratest the rande divide the upgrade locality. Do not close or stratest the rande divide the upgrade locality. Do not close or stratest the rande divide the upgrade locality. Do not close or stratest the rande divide the upgrade locality. Do not close or stratest the rande divide the upgrade locality.	
Signature likewy Upgedde       Version Info         Signature likewy Upgedde       Current Version NGFW_NTOS 1.0R5, Release(03151320)         Device linfo       Current Version Rollback         Device linfo       Version Rollback         Corling Backupe       Version Rollback         System Upgrade       Online Upgrade         Recommended Version       Recommended Version Falled to connect to the server or obtain the version.         Local Upgrade       Download Link:https://secloud1.rulije.com.cn         Import       Select an upgrade file.         Browse       Upgrade Now	Cloud Management Platform	a) membraginese may percent and opplices control cases or horizent may page process. Yoursels, and approx may time. Note: The file name cannot contain any Chinese or full-width character. Before the upgrade, welly that the target version matches the device model.	
System Maintenance     Current Version     NGFW_NTOS 1.0.RS, Release(03151320)       Divice Moi     Version Rollback     Version Rollback       Divice Nationance     Version Rollback     Version Rollback       System Upgrade     Recommended Version     Release(03151401)       Pach Netallation     Recommended Version     Release(03151401)       Divice Nationance     Contine Upgrade       Divice Nationance     Recommended Version       Divice Nationance     Contine Upgrade       Divice Nationance     Download Link:https://sectoud1.rulije.com.cn       Import     Select an upgrade file.     Browse	🗑 Signature Library Upgrade	Version Info	
Docke blip     Version Rollback You can roll back toNGFW_NTOS 1.0R4, Release(03151401) Version Rollback You can roll back toNGFW_NTOS 1.0R4, Release(03151401) Version Rollback       Config Backup     Online Upgrade       System Upgrade     Online Upgrade       Recommended Version Rollback Tool to the server or obtain the version.       Restart     Local Upgrade       Devices Restancian     Download Link:https://sectoud1.ruljie.com.cn       Import     Select an upgrade file.	🗑 System Maintenance 🗠	Current Version NGPW NTOS 1.0RS. Release(03151320)	
Device Notificationing     Version Notification Notificat	Device Info		
Config Backup     Import Select an upgrade Bie.	Device Positioning	Version Rollback: You call Yoll back: torverYw_TILOS.1.0#4, Release(US151401)	
System Upgrade     Online Upgrade       Pach Installation     Recommended Version Failed to connect to the server or obtain the version.       Restart     Local Upgrade       Defaults Restartion     Download Link:https://sedoud1.rujje.com.cn       Import     Select an upgrade file.	Config Backup		
Patch Inclutation     Recommended Version Failed to connect to the server or obtain the version.       Restart     Local Upgrade       Defaults Restoration     Download Download Link:https://sedoud1.ruljie.com.cn       Import     Select an upgrade file.	System Upgrade	Online Upgrade	
Restart     Local Upgrade       Defaults Restoration     Download Download Link:https://sectoud1zuijle.com.cn       Import     Select an upgrade file.	Patch Installation	Recommended Version Falled to connect to the server or obtain the version.	
Defaults Restantion Download Link:https://sectoud1zuijle.com.cn Import Select an upgrade file. Browse: Upgrade Now	Restart	Local Upgrade	
Import Select an upgrade file. Browse Upgrade Now	Defaults Restoration	Download Download Linichttps://sectoud1.ruijie.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	C Home © Monitor © Network & Object © Policy © System     Policy Water Chicosyn Network Mgnet Quick Orboarding Policy Water Curtomer 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://secure/unit.nuije.com.cn On the platform, access the Software Version pace and devendance ungrade file. Then, perform the upmrade file. Then perform the upmrade file.
Cloud Management Platform	process. Otherwise, the upgrade may fail.
🗒 Signature Library Upgrade	Note: The file name cannot contain any Chinese or full-width character. Before the upgrade, verify that the target version matches the device model.
🗐 System Maintenance 🗠	Version Info
Device Info	Current Version NGFW_NTOS 1.0R5, Release(03151320)
Device Positioning	Version Rollback Vou can roll back toNGFW_NTOS 1.0R4, Release(03151401)
Config Backup	Version Rollback
System Upgrade	Online Upgrade
Patch Installation	Recommended Version. Exited to conserve to this cancer or obtain this userion.
Restart	Reconnictions region in some control of the server of obtain the region.
Defaults Restoration	Local Upgrade
	Download Download Link:https://secloud1.ruijie.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.

the latest p Note: The	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        Hour       37        Minute         Auto Upgrade       After this function is enabled, new patches that support automatic upgrade are automatically installed.)       Image: Comparison of the state of th								
Download	Download Link:https://sec	loud1.ruijie.com.cn						
Download Import	Download Link:https://sec	Browse Upgr	ade					
Download Import	Download Link:https://sec	Browse Upgr	ade					
Download Import C Refresh No.	Download Link:https://sec Select a patch file. Patch Name	Browse Upgr system.upgradeType	ade 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	BB Version Managemen	System Management			🔎 1****@v
Signature Library Ve 🗸		· · · · · · · · · · · · · · · · · · ·				_		_		
Software Version Ma 🔨	Produc	Select a type.	Model Sele	ct a model. V Softwa	re Version all	<ul> <li>Version I</li> </ul>	Select versionNumber	Query	Reset	
Version Info	0	Please select the patch version the	nat is supported for upgrade base	d 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, in	stall the patch locally to complete th	e upgrade. Do not close o	n.cn On the platt r refresh this pag	orm, access the le during the up	Version Upgrad grade process. ( vision matches t	e page and Otherwise, the
upgrade m	ay fail. Note: The file name	cannot contain any Chinese or full-w	lidth character. Before the	upgrade, verity t	nat the target ve	ersion matches t	ne 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 manu	ial 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	loud1.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							
		<b>?</b>	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	ime 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	<ul> <li>Device Operations</li> </ul>	Authorization Management	🖵 Device Management	B Version Management	System Mar	agement	
Authorization Activation	Device A	Authorization							
					lion		×		
	License L	List		Once a license on the device as	file is generated, the validity pe s soon as possible.	riod begins. Activate the license			
	业 Batch If a subm page	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	
坐 Batch Download	License Name Select license name. V License Status Select a license V License Type Select a license type. V
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	ி Object	Policy	System			M Network Discovery	⊗ Network Mgmt	1 Quick Onboarding	Ø Policy Wizard	G Customer Service	Q admin
& Admin →	Author	ization Ma	nagement											
<ul> <li>System Config</li> <li>System Time</li> </ul>		License Cor	nfig											
SNMP Service Parameters		<ol> <li>Before activ account of thing</li> <li>Select an arrive</li> </ol>	vating a device, re- is platform is used ctivation mode ba	gister on and log I for activating a sed on device co	g in to Ruijie Se nd changing d innection statu	ecure Cloud Plat evice licenses ar Js. <b>For threat int</b>	form athttps://secloud1.n ndmust be kept confiden telligence, only online act	ruijie.com.cn ntial.) ctivation is :	<ol> <li>On the platform, ac</li> </ol> supported.	cess the Device Au	horization page, and	generate a license	file. The	
Authorization Management		Activat	e Online						You can choose	to perform mar	ual activation.			
<ul> <li>Fault Diagnosis</li> <li>Cloud Management Platform</li> </ul>		Activ	ate Now						Activate Man	ually				
Signature Library Upgrade		Device SN:	MACC93267266	56 Copy										
(2) System Maintenance 7		License Info	o Janco Liconco									How to Obtair	License	
		Available Perf	ormance:3G(Basic	Performance:1G	i+Added New	Performance:2G	<li>Performance to Be</li>	Added:0G					<b>3G</b> /3G	
		SSL VPN	l License											
		Max. Concurr	ent License Sessio	ns25(25 concurr	ent free license	e sessions + 0 co	oncurrent purchased licen	nse sessions	)					
		No.	Security Ca	apability Nam	e	D	escription		License T	ype		Status		
		1	App Ident	ification (APP)	It	t provides upg entificatior	grade services for app n signature libraries.	id	Formal Lic	ense	Activated (E 07)	xpiry Time:202	4-03-	
		2	Intrusion P	revention (IPS	) It	provides upg nat	grade services for IPS s ture libraries.	sig	Formal Lic	ense	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	<ol> <li>Select an activation mode based on device connection status.For threat intelligence, only online activation is supported.</li> </ol>
Authorization Management	Activate Online You can choose to perform manual activation.
Fault Diagnosis	Activate Manually
Cloud Management Platform	
🗐 Signature Library Upgrade	Device SN: <b>MACC932672666</b> Copy
Ø System Maintenance →	
	License Info How to Obtain License
	Performance License
	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.	Home Security Operations	Device Operations	Authorization Management	💭 Device Management	ge Version Management	<ul> <li>System Management</li> </ul>	
Ruffic scr	2	ere Courty Operation	Device Operation     License G     Once     Once	Authorization Management      Generation      ascense file is generated, the valueb,      nepst     Batch Import     Batch Import     Code Enter the      vicense Code Enterthe      vicense Code	Device Management      period begins. Activate the licent      idevice SN      idevice SN      Constate License File	S2 Version Management  se on the device as soon as possit      O Add License Code  Cancel	© System Management × vie	-TypeSelect a license type, ↓Enter a device SN pa Validity Period Activation Time Operer

#### Procedure

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

Ruffe   Z Series Firewall	© Home ⊙ Monitor ⊕ Network A₂ Object ☺ Policy OS System Petwork Discovery Network D										
🔏 Admin >	I Authorization Management										
🚸 System Config 🛛 🗸 🗸		1									
System Time	License Config	1									
SNMP	<ol> <li>Before activating a device, register on and log in to Buijin Scruer Cloud Platform at https://webuilt.ingie.com.com.co.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 number to kept confidential.)</li> </ol>										
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.	1									
	Activate Now Activate Manually	1									
Cloud Management Platform		1									
🗑 Signature Library Upgrade	Device SN: <b>MACC932672666</b> Copy										
Ø System Maintenance →		1									
	License Info How to Obtain License	1									
	Performance License										
	Available Performance:3G(Basic Performance:1G+Added New Performance:2G) Performance to Be Added:0G  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	Home Device License License Bat f a sub page	C Security Operations Authorization Use the operation of the operations List the Operations No. License Code	Device Operations      Mee Activation      License G      Manual      Manual      Lic      Lice      G      Manual      Lice      G      Mo.1      Lice      G      G      Mo.1      G      G      G      G      Mo.1      G	Authorization Management  ieneration  a konne file is generated, the validity  post      Batch Import      Batch Import      Code Enter the  values SN and Authorization Code	Device Management period begins. Activate the licenss device SN license code. ]	88 Version Management	© System Management ×	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				$\otimes$
1. Obtain Dev Click Copy to o Device SN:MA	ice Info obtain the device SN and use CC93 Copy	it on the cloud platfc	rm to generate a lia	ense file.	
2. Export Lice Visit Ruijie Sec Authorization you have purc Ruijie Secur	nse File ure Cloud Platform athttps:// page, and click Activate Licen hased, and export the license e Cloud Platform	<mark>'secloud1.ruijie.com.c</mark> i ise. Then, enter the de file.	1On the platform, a evice SN obtained ir	ccess the Device n step 1 and the license co	ode
3. Import Lice Import the lice Upload	ense File ense file obtained in step 2 an Select a license file.	Id click Activate to con	mplete the authoriz	ation.	
		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.