



RAYSYNC SERVER MANAGEMENT MANUAL

Shenzhen Yunyu Technology Company Limited

Document Information

Project	Raysync Transmission		
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Pass by	Organization	Approved by	Product Department

Version History

Version	Modified Description	Author	Modified Date
1.0	Complete the first edition of the user manual according to the software	Xinlei Wang	2019/4/28
1.1	Increase user group configuration	Xinlei Wang	2019/5/26
1.2	Add Alibaba Cloud OSS object storage configuration	Xinlei Wang	2019/7/26
1.3	Update the installation operation, space statistics, and Amazon S3 storage configuration after the installation process is optimized.	Ruyun Lou	2020/4/29
1.4	Update the transmission protocol configuration, Email notification, Email authentication, add external Http(s) authentication, import account information into LDAP domain user accounts, and prohibit path setting for the user.	Guocheng He	2020/8/3
1.5	Add point to point transferring / point to point log / IP white list / send notification / Auth A/C setting	Guocheng He	2020/10/15
1.6	Add client nodes management / multiple storage config / virtual folder / file filter transfer / client silent upgrade / transfer file black list / only upload new-add files	Ruyun Lou	2021/1/13

Contents

1 Introduction.....	5
2 Server Management Manual.....	5
2.1 Windows Server Deployment.....	5
2.1.1 Get installation zip file.....	5
2.1.2 Decompression Deployment.....	5
2.1.3 Start Running.....	6
2.1.4 Stop Service.....	7
2.1.5 View the Service Running Status.....	7
2.1.6 Port Mapping.....	7
2.2 Linux Server Deployment.....	8
2.2.1 Obtaining Software Package.....	8
2.2.2 Decompression Deployment.....	8
2.2.3 Installation initialization.....	10
2.2.4 Start Running.....	10
2.2.5 Stop Service.....	10
2.2.6 View the Running Status of Raysync Service.....	10
2.2.7 Port Mapping.....	10
2.3 Administrator Operation Manual.....	11
2.3.1 Login Admin Console Portal.....	11
2.3.2 Server Status Display.....	12
2.3.2.1 Disk Space.....	13
2.3.2.2 Running Status.....	13
2.3.2.3 License Information.....	13
2.3.2.4 Monitoring Information.....	13
2.3.2.5 Number of Online Users.....	14
2.3.3 Restart the server.....	14
2.3.4 Server Shutdown.....	15
2.3.5 Server Startup.....	15
2.3.6 Logout Admin Console.....	16
2.4 Activation Server.....	16
2.4.1 Online Activation.....	16
2.4.2 Offline Activation.....	18

2.4.2.1 Windows Offline Activation.....	19
2.4.2.1 Linux Offline Activation	21
2.5 Editing Server Information	23
2.6 Resource Management	24
2.6.1 App Nodes	24
2.6.1.1 App Nodes Info.....	24
2.6.1.2 Start Task	25
2.6.1.3 Stop Task.....	26
2.6.1.4 Delete Nodes	26
2.6.1.5 Lock/Unlock Client User	26
2.6.1.6 Nodes&Clients Status.....	27
2.6.1.7 Add Remark.....	27
2.6.2 Storage.....	28
2.6.2.1 Add Storage	28
2.6.2.2 Modify storage info	31
2.6.2.3 Default storage	32
2.6.2.4 Delete Storage	32
2.7 Transfer.....	33
2.7.1 General Tasks.....	33
2.7.1.1 Transferring.....	33
2.7.1.2 Logs	34
2.7.2 Point to Point.....	35
2.7.2.1 Transferring.....	35
2.7.2.2 Logs	36
2.8 Shares	37
2.8.1 Request files	37
2.8.1.1 View Link Details	37
2.8.1.2 Copy Link and Password	37
2.8.1.3 Cancel Links	37
2.8.1.4 Delete Links	38
2.8.2 Sharing Files.....	38
2.8.2.1 View Link Details	38
2.8.2.2 Copy Link and Password	39
2.8.2.3 Disable Links.....	39
2.8.2.4 Delete Links	39
2.8.3 Email Setting	40
2.9 User Management.....	40
2.9.1 Users List.....	40
2.9.1.1 Add user	40

2.9.1.2 Edit user.....	42
2.9.1.3 Lock User	44
2.9.1.4 Unlock User	44
2.9.1.5 Import LDAL/AD domain account.....	44
2.9.1.6 Delete users.....	44
2.9.1.7 Check user online status.....	45
2.9.2 User space occupancy statistics	46
2.9.3 User Operation Records	46
2.9.4 User Group	47
2.9.4.1 Add User Group.....	47
2.9.4.2 Edit User Group	48
2.9.4.3 View User Group Members.....	49
2.9.4.4 Add Users in User Group	50
2.9.4.5 Delete Users in User Group.....	50
2.9.4.6 Delete User Group.....	51
2.9.4.7 User group space occupancy statistics	51
2.9.5 Login Authentication	51
2.9.5.1 LDAP/AD Settings.....	52
2.9.5.2 Email Authentication	52
2.9.5.3 Unix System Authentication	53
2.9.5.4 External Http Authentication	53
2.9.5.5 Default Permissions.....	54
2.9.6 Space Statistics	55
2.9.7 Send Notification	55
2.9.7.1 Add Notification	55
2.9.7.2 Delete Notification	56
2.9.7.3 View Receiving Accounts.....	56
2.10 Settings	57
2.10.1 TLS Certificate.....	57
2.10.2 Client TLS	58
2.10.3 MySQL Configuration.....	59
2.10.4 Transmission protocol	59
2.10.5 Event Notification.....	60
2.10.5.1 Add Event	60
2.10.5.2 Delete Event	61
2.11.6 Settings	61
2.11.6.1 Speed Limit.....	61
2.11.6.2 Client Settings.....	61
2.11.6.3 Log File Location	62

2.11.6.4 Log File Save Period.....	62
2.11.6.5 Close File	62
2.11.6.6 Synchronize File.....	62
2.11.6.7 Event Notifications	62
2.11.6.8 User Group Space Statistics.....	63
2.11.6.9 User Space Statistics.....	63
2.11.6.10 Allow user to Modify password.....	63
2.11.6.11 Support Multiple IP Address	63
2.11.6.12 Process Number	63
2.11.6.13 TCP File Size	64
2.11.6.14 Lock Account	64
2.11.6.15 Weak Password Setting	64
2.11.6.16 Transfer File Format Limit.....	65
2.12 Modify Administrator Information.....	65
2.13 Site Design	66
2.13.1 Customized ico,logo,background Image	66
2.13.2 Customized Produc Info	66
3. Frequently Asked Questions Q&A	67

1 Introduction

Shenzhen Yunyu Technology Co., Ltd. (hereinafter referred to as "Yunyu Technology") was established in 2010, with its headquarters in Shenzhen and branches in Beijing, Shanghai and Chengdu, now its business has covered the whole world. Yunyu Technology focuses on accelerating big data transmission and network optimization services, and is committed to helping various organizations to achieve more efficient data synchronization and information interaction in the big data era.

Technical advantages:

Raysync transmission engine solves the problems of customers' cross-border transmission, long-distance transmission, and large file transmission and so on perfectly with its industry's leading core technology on data transmission, and maximizes the bandwidth efficiency, thus improving the work efficiency and obtaining unanimous favorable comments from customers.

Service Team:

Combined with Raysync transmission engine and traditional network resources, we have experienced technical and service teams in the industry to provide customers with high-speed, stable and safe network optimization services, greatly saving investment in enterprise network resources, improving efficiency and improving network use experience.

2 Server Management Manual

2.1 Windows Server Deployment

The RaySync windows server supports the deployment of windows server 2008/ windows server 2012/ windows server 2016/windows 7 / windows 8/windows 10 platforms.

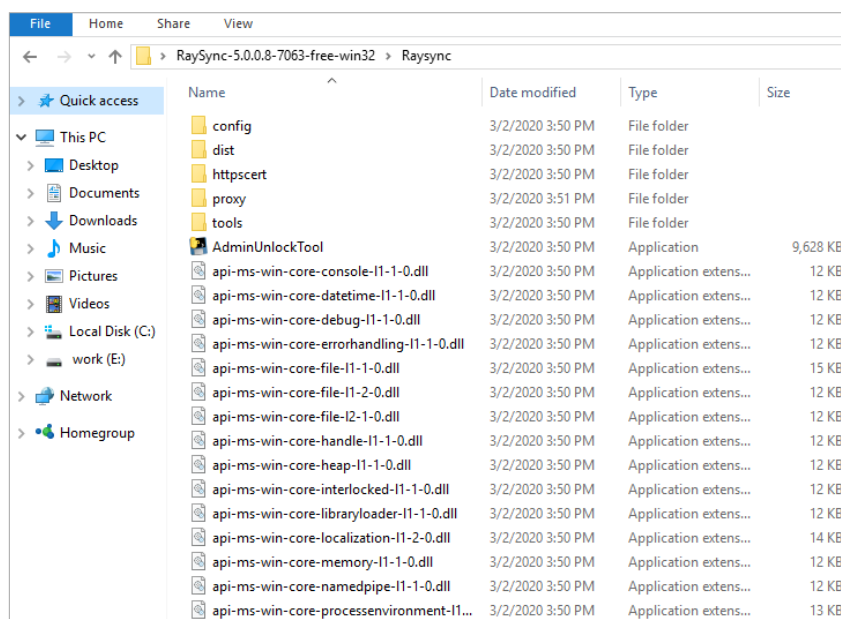
2.1.1 Get installation zip file

Visit <https://www.raysync.io/pricing/> and download the latest zip file.

If you purchased pro or enterprise version, please contact the salesman to obtain the corresponding installation package.

2.1.2 Decompression Deployment

Unzip it to your installation directory, for example, D:\Program Files\Raysync, you will see the following files:



Name	Date modified	Type	Size
config	3/2/2020 3:50 PM	File folder	
dist	3/2/2020 3:50 PM	File folder	
httpscert	3/2/2020 3:50 PM	File folder	
proxy	3/2/2020 3:51 PM	File folder	
tools	3/2/2020 3:50 PM	File folder	
AdminUnlockTool	3/2/2020 3:50 PM	Application	9,628 KB
api-ms-win-core-console-l1-1-0.dll	3/2/2020 3:50 PM	Application extens...	12 KB
api-ms-win-core-datetime-l1-1-0.dll	3/2/2020 3:50 PM	Application extens...	12 KB
api-ms-win-core-debug-l1-1-0.dll	3/2/2020 3:50 PM	Application extens...	12 KB
api-ms-win-core-errorhandling-l1-1-0.dll	3/2/2020 3:50 PM	Application extens...	12 KB
api-ms-win-core-file-l1-1-0.dll	3/2/2020 3:50 PM	Application extens...	15 KB
api-ms-win-core-file-l1-2-0.dll	3/2/2020 3:50 PM	Application extens...	12 KB
api-ms-win-core-file-l2-1-0.dll	3/2/2020 3:50 PM	Application extens...	12 KB
api-ms-win-core-handle-l1-1-0.dll	3/2/2020 3:50 PM	Application extens...	12 KB
api-ms-win-core-heap-l1-1-0.dll	3/2/2020 3:50 PM	Application extens...	12 KB
api-ms-win-core-interlocked-l1-1-0.dll	3/2/2020 3:50 PM	Application extens...	12 KB
api-ms-win-core-libraryloader-l1-1-0.dll	3/2/2020 3:50 PM	Application extens...	12 KB
api-ms-win-core-localization-l1-2-0.dll	3/2/2020 3:50 PM	Application extens...	14 KB
api-ms-win-core-memory-l1-1-0.dll	3/2/2020 3:50 PM	Application extens...	12 KB
api-ms-win-core-namedpipe-l1-1-0.dll	3/2/2020 3:50 PM	Application extens...	12 KB
api-ms-win-core-processenvironment-l1...	3/2/2020 3:50 PM	Application extens...	13 KB

File list description:

File name	Description
config	Raysync transmission service configuration files
dist	RaySync web service
httpscert	Https certificate
log	Raysync transmission service log files (created after startup)
proxy	Raysync transmission acceleration service
tool	Offline activation code tool
license	Activation code
user	Raysync user storage
raysync-webmon.exe	Daemon process
AdminUnlockTool.exe	Raysync background administrator password unlock service
raysync-web.exe	File tranfer service
rayfile-s.exe	RayFile transfer service
start.bat	Start RaySync transmission service
stop.bat	Stop RaySync transmission service
status.bat	View running status of Raysync service
AdminInitPwd	Administrator default initial password file (generated after starting the server)
serviceStart.exe	Auto start service
serviceDel.exe	Turn off auto-start service
raysync-update.exe	Raysync update service
version.txt	Check version
raysync-nodeman	Node management service
data	Node info
cfg	Node config file

2.1.3 Start Running

Double click start.bat to start the Raysync transmission service. After the startup is successful, press any key to close the window:


```
C:\Windows\System32\cmd.exe
raysync-webmon added to the firewall.
raysync-web added to the firewall.
rayfile-s added to the firewall.
raysync-s added to the firewall.
raysync-mon added to the firewall.
raysync-update added to the firewall.
raysync-webmon is starting.
```

2.1.4 Stop Service

Double click stop.bat to stop the Raysync transmission service. After the stop is successful, press any key to close the window:

```
C:\Windows\System32\cmd.exe
F:\RAYSYN\1\503\1.8\RAYSYN\1.8-7\Raysync\raysync-webmon.exe"
raysync-webmon delete to the firewall.
F:\RAYSYN\1\503\1.8\RAYSYN\1.8-7\Raysync\raysync-web.exe"
raysync-web delete to the firewall.
F:\RAYSYN\1\503\1.8\RAYSYN\1.8-7\Raysync\rayfile-s.exe"
rayfile-s delete to the firewall.
raysync-mon delete to the firewall.
raysync-s delete to the firewall.
raysync-update delete to the firewall.
raysync-webmon is stopping.
raysync-mon is stopping.
raysync-web is stopping.
raysync-web is stopping.
raysync-update is stopping.
raysync-webmon is not running...
raysync-web is not running...
rayfile-s is not running...
raysync-update is not running...
```

2.1.5 View the Service Running Status

Double click status.bat to view the running status of Raysync transmission service. After the viewing is finished, press any key to close the window:

```
C:\Windows\system32\cmd.exe
raysync-webmon is already running...
raysync-web is already running...
rayfile-s is already running...
raysync-update is already running...
```

2.1.6 Port Mapping

If on the server, it is deployed in the NAT gateway and there is only intranet IP, you need to map the following ports on the router NAT:

Server description	Protocol type	Port
User portal http service port	TCP	8090
User portal https service port		8091
Admin portal http service port	TCP	9090
Admin portal https service port		9091
Transmission non-encrypted service port	TCP	2442
Transmission TLS encryption service port		2443
UDP accelerated transmission service port	UDP	32001
Node management service port	TCP	32001
User portal webpage direct connection port	TCP	2480
User portal webpage encryption point to point connection port	TCP	2481

2.2 Linux Server Deployment

The Raysync linux server deployment supports versions higher than ubuntu14.0.x, centos6.5.

2.2.1 Obtaining Software Package

Visit <https://www.raysync.io/pricing/> and download the latest zip file.

If you purchased pro or enterprise version, please contact the salesman to obtain the corresponding installation package.

2.2.2 Decompression Deployment

Unzip it to your installation directory, for example, installation directory /opt/Raysync, and execute tar -zxvf xxxx.tar.gz under the directory to extract the installation package:

```
[root@iZwz9ivic58czwgtc75bsZ Raysync]# tar -zxvf RaySync_FTP-3.0.7.3-4987_Free-linux_64.tar.gz
```

You will see the following files:

```
[root@localhost RaySync]# ll
total 90016
-rwxr-xr--. 1 root root 20364357 Mar  2 15:50 AdminUnlockTool.bin
drwxr-xr--. 2 root root      40 Mar  2 15:50 config
drwxr-xr--. 4 root root      30 Mar  2 15:50 dist
-rwxr-xr--. 1 root root      17 Mar  2 15:50 encryption.json
drwxr-xr--. 2 root root      69 Mar  2 15:50 httpscert
-rwxr-xr--. 1 root root    9235 Mar  2 15:50 install.sh
-rwxr-xr--. 1 root root 3649897 Mar  2 15:50 ip.ipdb
-rwxr-xr--. 1 root root      22 Apr  8 17:36 license.txt
drwxr-xr--. 3 root root      59 Mar  2 15:50 proxy
-rwxr-xr--. 1 root root 29284072 Mar  2 15:50 rayfile-s
-rwxr-xr--. 1 root root      56 Mar  2 15:50 raysyncA
-rwxr-xr--. 1 root root      207 Mar  2 15:50 RaySyncServer.sh
-rwxr-xr--. 1 root root 5112560 Mar  2 15:50 raysync-update
-rwxr-xr--. 1 root root 26165695 Mar  2 15:50 raysync-web.bin
-rwxr-xr--. 1 root root 7528216 Mar  2 15:50 raysync-webmon
-rwxr-xr--. 1 root root      677 Mar  2 15:50 start.sh
-rwxr-xr--. 1 root root     1625 Mar  2 15:50 status.sh
-rwxr-xr--. 1 root root     3370 Mar  2 15:50 stop.sh
drwxr-xr--. 4 root root      51 Mar  2 15:50 tools
-rwxr-xr--. 1 root root     3306 Mar  2 15:50 uninstall.sh
-rwxr-xr--. 1 root root      519 Mar  2 15:50 update.ini
-rwxr-xr--. 1 root root     2809 Mar  2 15:50 upgrade.sh
-rwxr-xr--. 1 root root        7 Mar  2 15:50 version.txt
```

File list description:

File name	Description
config	Raysync transmission service configuration files
dist	RaySync web service
httpscert	Https certificate
log	Raysync transmission service log files (created after startup)
proxy	Raysync transmission acceleration service
license	Activation code
user	Raysync user storage
raysync-webmon.exe	Daemon process
AdminUnlockTool.exe	Raysync background administrator password unlock service
raysync-web.exe	File tranfer service
rayfile-s.exe	RayFile transfer service
start.sh	Start RaySync transmission service
stop.sh	Stop RaySync transmission service
status.sh	View running status of Raysync service
Install	Install script, set the service to start automatically after boot
uninstall	Cancel start automatically after boot
encryption.json	Save the configuration with password encryption
version.txt	Check version
tools	Offline activation code tool
AdminInitPwd	Administrator default initial password file (generated after starting the server)
raysync-update.exe	Raysync update service
raysync-nodeman	Node management service
data	Node details
cfg	Node config file

2.2.3 Installation initialization

Run `./install`

The result of the execution is Successfully installed, which means that the installation is successfully initialized and the service is added to start automatically after boot.

```
root@iZwz9bx129zrqxz2ief8dZ:/home/3.4.2.8/RaySync_3.4.2.8# ./install.sh
Successfully installed.
root@iZwz9bx129zrqxz2ief8dZ:/home/3.4.2.8/RaySync_3.4.2.8#
```

2.2.4 Start Running

Run `./start.sh` to start RaySync transmission service

```
[root@localhost RaySync]# ./start.sh
raysync-webmon.sh is running...
raysync-web is running...
raysync-mon is running...
rayfile-s is running...
raysync-update is running...
[root@localhost RaySync]#
```

2.2.5 Stop Service

Run `./stop.sh` to stop RaySync transmission service

```
[root@localhost RaySync]# ./stop.sh
Stop raysync-webmon succeeded
Stop RaySync succeeded
```

Run `./status.bat` to view the running status of Raysync service:

```
[root@localhost RaySync]# ./status.sh
raysync-webmon.sh is running...
raysync-web is running...
raysync-mon is running...
rayfile-s is running...
raysync-update is running...
```

2.2.7 Port Mapping

If on the server, it is deployed in the NAT gateway and there is only intranet IP, you need to map the following five ports on the router NAT:

Service description	Protocol type	Port
User portal http service port	TCP	8090 8091
User portal https service port		
Admin portal http service port	TCP	9090 9091
Admin portal https service port		
Transmission non-encrypted service port	TCP	2442 2443
Transmission TLS encryption service port		
UDP accelerated transmission service port	UDP	32001

Node management service port	TCP	32001
User portal webpage direct connection port	TCP	2480
User portal webpage encryption point to point connection port	TCP	2481

2.3 Administrator Operation Manual

After the server runs successfully, open xx.xx.xx.xx in Google Chrome: IP:9090/admin
For example: 172.16.5.77:9090/admin/

2.3.1 Login Admin Console Portal

Initial admin account: admin

Initial admin password:

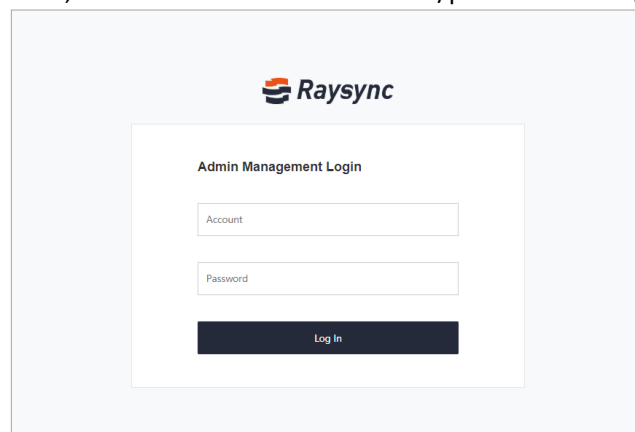
If windows, please open the file AdminInitPwd in and copy the password in tar.gz file.

Name	Date modified	Type	Size
config	4/27/2020 11:44 AM	File folder	
dist	4/21/2020 3:14 PM	File folder	
httpscert	4/21/2020 3:14 PM	File folder	
log	4/27/2020 11:36 AM	File folder	
proxy	4/27/2020 11:36 AM	File folder	
tools	4/21/2020 3:14 PM	File folder	
AdminInitPwd	4/27/2020 11:36 AM	File	1 KB
AdminUnlockTool	4/21/2020 3:13 PM	Application	9,628 KB
api-ms-win-core-console-l1-1-0.dll	4/21/2020 3:13 PM	Application extens...	12 KB

If linux, you can cat AdminInitPwd to view password.

```
root@iZwz9bx129zrquxz2ief8dZ:/home/3.4.2.8/RaySync_3.4.2.8# cat AdminInitPwd
3u(_w%!c
root@iZwz9bx129zrquxz2ief8dZ:/home/3.4.2.8/RaySync_3.4.2.8#
```


Then, enter the default server account/password and login.



The image shows the Raysync Admin Management Login interface. It features the Raysync logo at the top. Below it, the text "Admin Management Login" is centered. There are two input fields: "Account" and "Password". Below these fields is a "Log In" button.

Password must be reset for the first login.

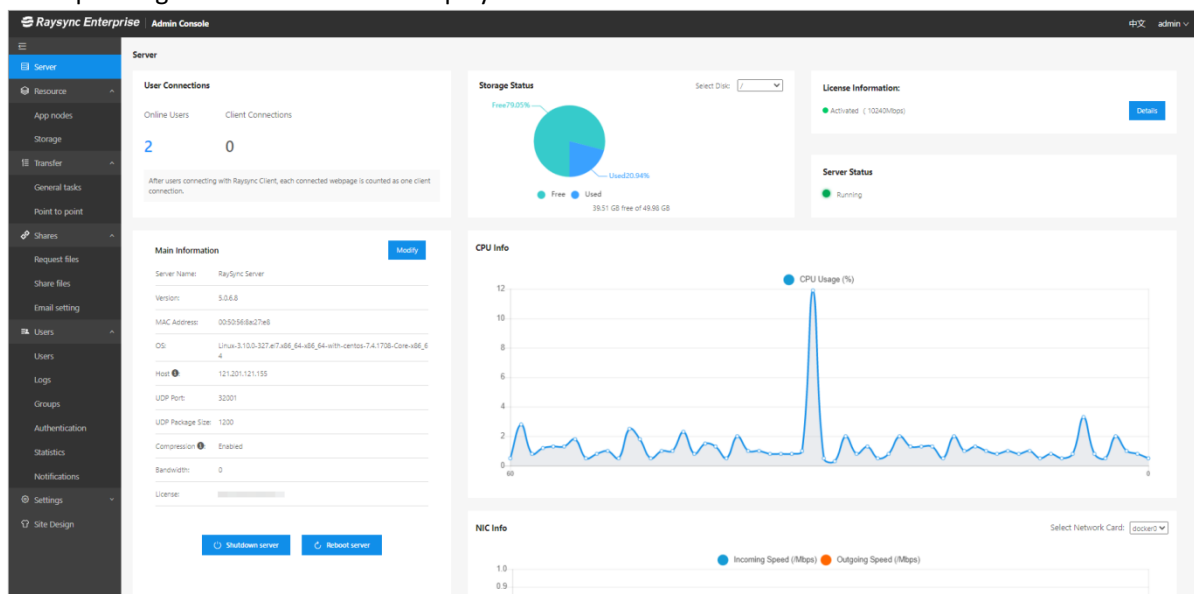
The new password does not support spaces. It must include three combinations of uppercase letters, lowercase letters, numbers, and characters with 8-20 characters. The password and the account cannot be the same.


For the first login, please reset your password first.

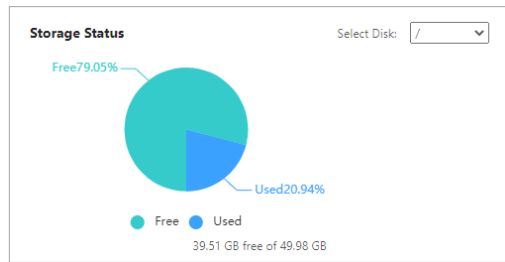
Click OK to reset the password successfully and log in with the new password.

2.3.2 Server Status Display

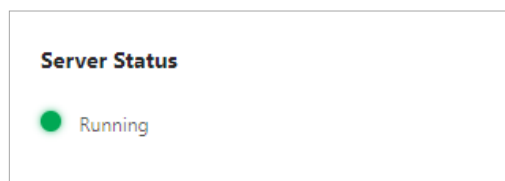
In this interface, the server configuration information, the display status of Raysync software, the number of online users, the license activation status, and the monitoring information of the CPU and the corresponding network card will be displayed.



2.3.2.1 Disk Space



2.3.2.2 Running Status



2.3.2.3 License Information

License Information:

● Activated (10240Mbps)

[Details](#)

Details

Authorized Volume: --

Left Volume: --

User Limit: 1000

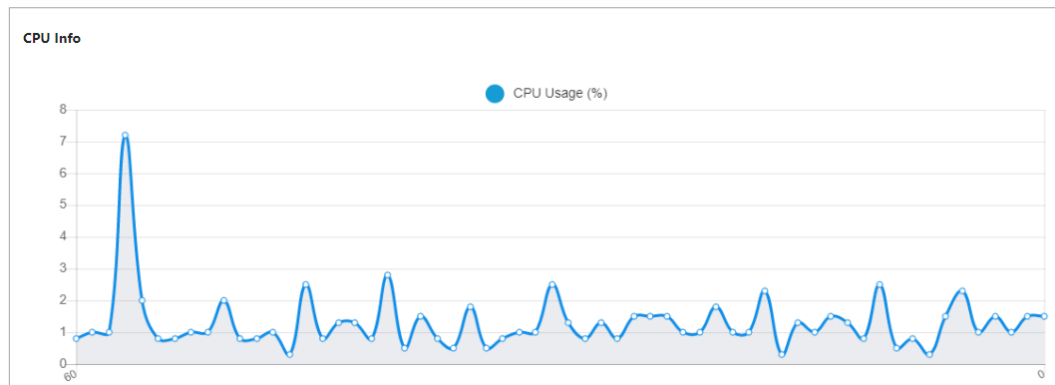
Activation Date: Thu Jul 30 20:01:01 2020

Expiry Date: Tue Jan 26 20:01:01 2021

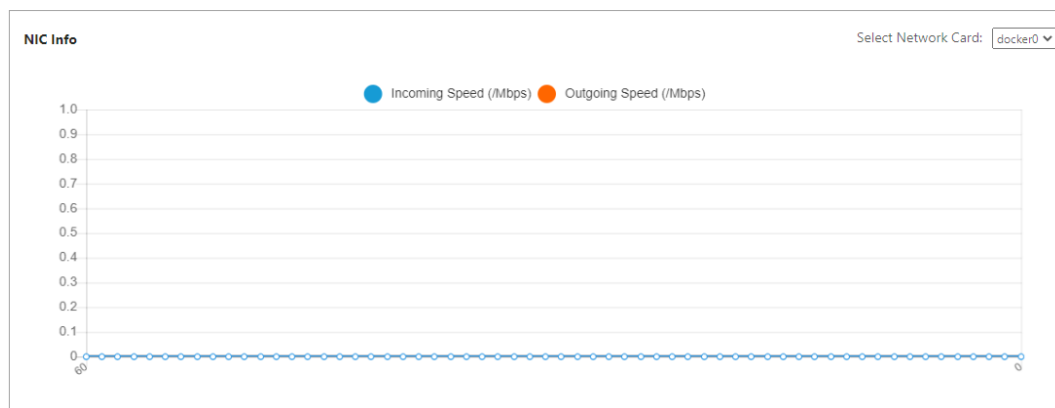
Max Bandwidth: 10240Mbps

2.3.2.4 Monitoring Information

CPU information:



Network card information:



2.3.2.5 Number of Online Users

User Connections

Online Users	Client Connections
2	0

After users connecting with Raysync Client, each connected webpage is counted as one client connection.

2.3.3 Restart Server

Click [Reboot server] to restart the server.

Main Information [Modify](#)

Server Name:	RaySync Server
Version:	5.0.6.8
MAC Address:	00:50:56:8a:27:e8
OS:	Linux-3.10.0-327.el7.x86_64-x86_64-with-centos-7.4.1708-Core-x86_64
Host ⓘ:	121.201.121.155
UDP Port:	32001
UDP Package Size:	1200
Compression ⓘ:	Enabled
Bandwidth:	0
License:	DBHK4FKZFAZF8YZV

[Shutdown server](#) [Reboot server](#)

2.3.4 Shutdown Server

Click [Shutdown server] to shut down the server transmission service, and the web service runs normally.

Main Information [Modify](#)



Server Name:	RaySync Server
Version:	5.0.6.8
MAC Address:	00:50:56:8a:27:e8
OS:	Linux-3.10.0-327.el7.x86_64-x86_64-with-centos-7.4.1708-Core-x86_64
Host ⓘ:	121.201.121.155
UDP Port:	32001
UDP Package Size:	1200
Compression ⓘ:	Enabled
Bandwidth:	0
License:	DBHK4FKZFAZF8YZV


[Shutdown server](#) [Reboot server](#)

2.3.5 Start Server

When the server is in shutdown status, click [Start server] to start the server.

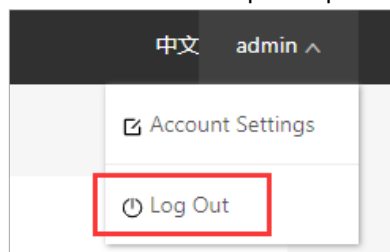
Main Information Modify

Server Name:	RaySync Server
Version:	5.0.6.8
MAC Address:	00:50:56:8a:27:e8
OS:	Linux-3.10.0-327.el7.x86_64-x86_64-with-centos-7.4.1708-Core-x86_64
Host 	121.201.121.155
UDP Port:	32001
UDP Package Size:	1200
Compression 	Enabled
Bandwidth:	0
License:	DBHK4FKZFAZF8YZV

 **Start server**

2.3.6 Logout Admin Console

Click user name to expand options, and then click [Log Out]



2.4 Activation Server

Users can experience the maximum speed after the license is activated by Raysync server. The default is 5Mbps bandwidth when the license is not activated.

2.4.1 Online Activation

We recommend to use the online activation if your sever can access the external network .

You have two ways to avtivate.

Way 1:

You can click [Activate] button.

License Information:

● Inactivated (Default bandwidth 5Mbps)

[Activate](#)

Fill in the correct activation code in the License Information.

Activate ×

License: _____

[Cancel](#) [Activate](#)

Restart the server to take effect.

Comfirm ×

Server information is modified successfully, you need to restart the server to take effect. Are you sure to restart the server now?

[Cancel](#) [Restart](#)

Way 2:

You can click [Modify] button on sever main information.

Main Information [Modify](#)

Server Name: RaySync Server

Version: 5.0.6.8

MAC Address: 00:50:56:8a:27:e8

OS: Linux-3.10.0-327.el7.x86_64-x86_64-with-centos-7.4.1708-Core-x86_64

Host ¹: 121.201.121.155

UDP Port: 32001

UDP Package Size: 1200

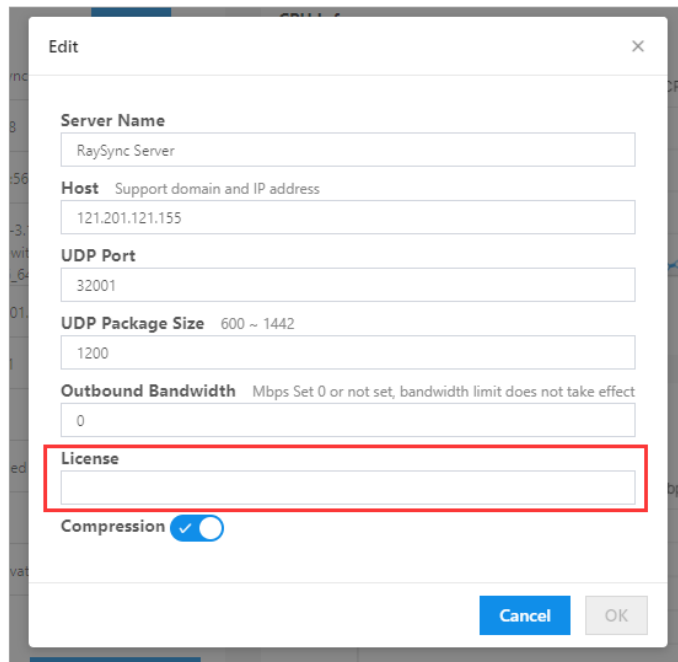
Compression ¹: Enabled

Bandwidth: 0

License: Inactivated

[Shutdown server](#) [Reboot server](#)

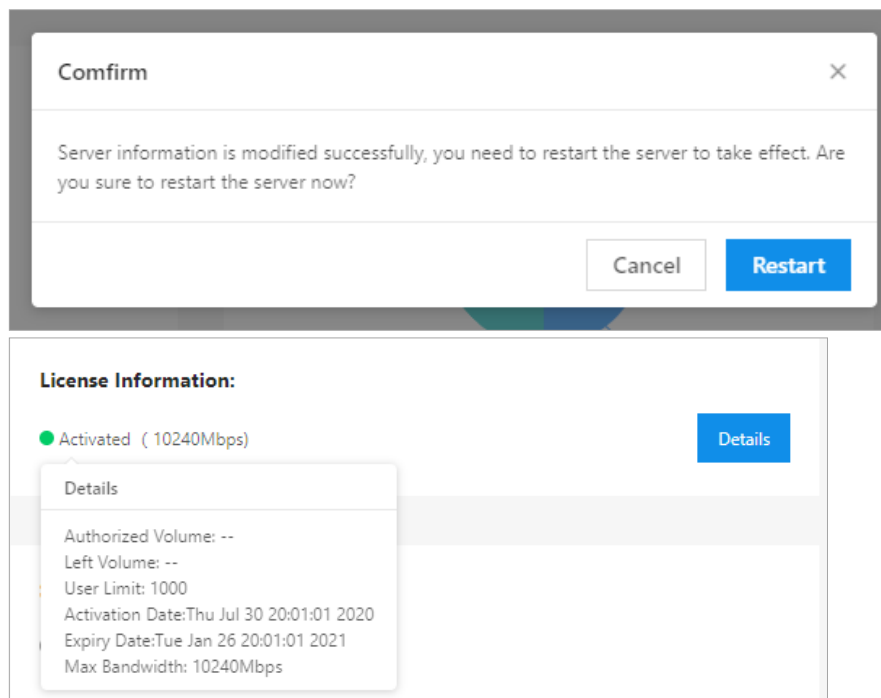
Fill in the correct activation code in the License Information



The 'Edit' dialog box contains the following fields and controls:

- Server Name:** Text input field with 'RaySync Server' entered.
- Host:** Text input field with '121.201.121.155' entered. Subtext: 'Support domain and IP address'.
- UDP Port:** Text input field with '32001' entered.
- UDP Package Size:** Text input field with '1200' entered. Subtext: '600 ~ 1442'.
- Outbound Bandwidth:** Text input field with '0' entered. Subtext: 'Mbps Set 0 or not set, bandwidth limit does not take effect'.
- License:** Text input field, highlighted with a red border.
- Compression:** Toggle switch, currently turned on (blue).
- Buttons:** 'Cancel' (blue) and 'OK' (gray) buttons at the bottom right.

Restart the server to take effect



The 'Confirm' dialog box contains the following text and controls:

Server information is modified successfully, you need to restart the server to take effect. Are you sure to restart the server now?

Buttons: 'Cancel' (gray) and 'Restart' (blue).

The 'License Information' panel shows:

- Status: Activated (10240Mbps) with a green dot icon.
- Button: 'Details' (blue).
- Details dropdown menu content:
 - Authorized Volume: --
 - Left Volume: --
 - User Limit: 1000
 - Activation Date: Thu Jul 30 20:01:01 2020
 - Expiry Date: Tue Jan 26 20:01:01 2021
 - Max Bandwidth: 10240Mbps

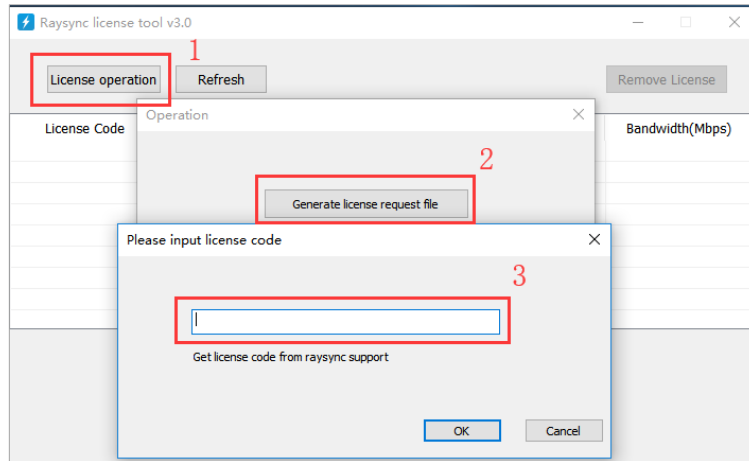
2.4.2 Offline Activation

If your server cannot access the external network, it is recommended to use offline activation.

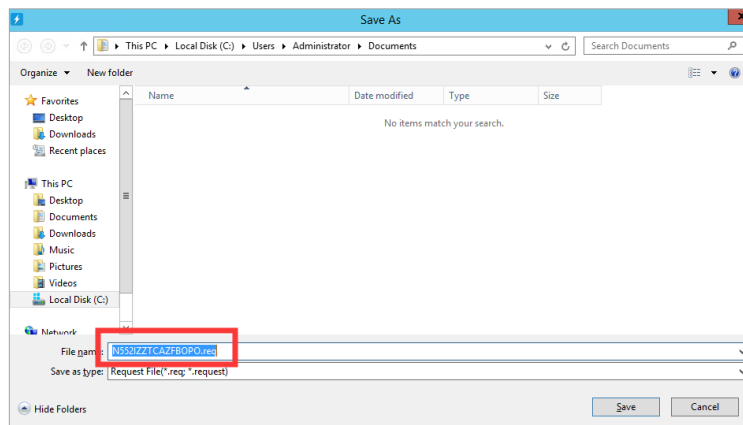
2.4.2.1 Windows Offline Activation

1, Go into license folder, for example: Raysync_3.0.7.3\tools\license, and run 'RaysyncLicense', ① click 'License operation', ② click 'Generate request file', ③ fill in the license.

Tips: Please ask raysync business for license.

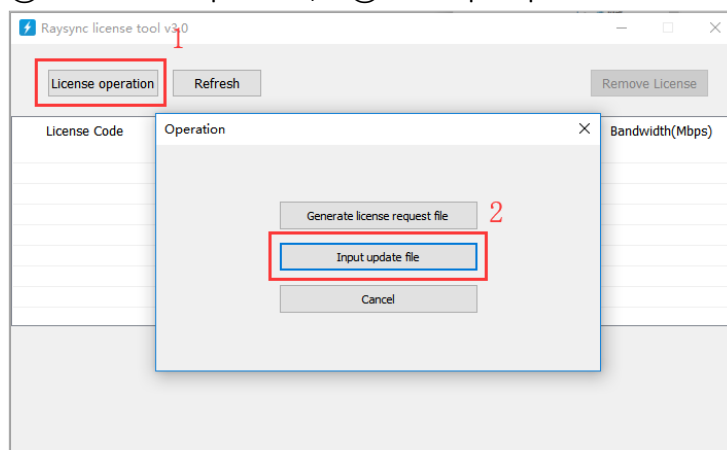


2, You will get a '.req' file, save it and send to Raysync.

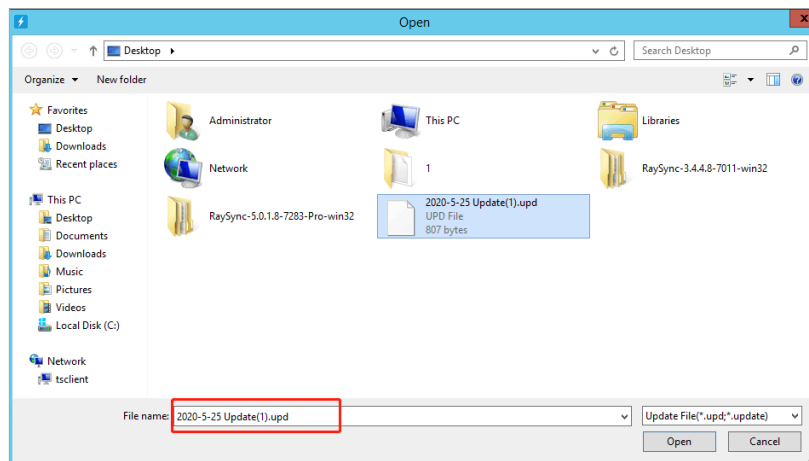


3, Then Raysync will send you an offline activate authorization file, such as '2020-5-25 Update.upd'.

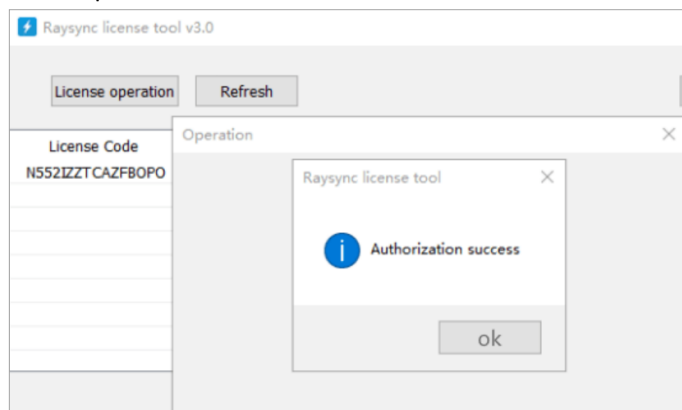
① click 'License operation', ② click 'Input update file'.



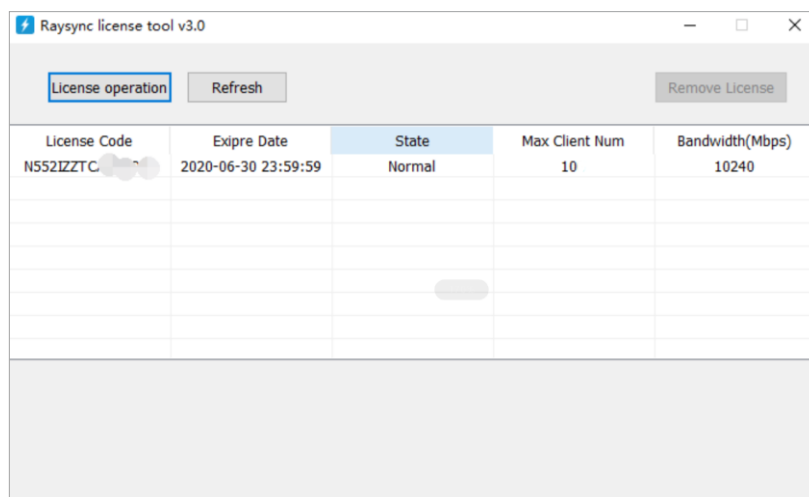
4, Choose the authorized offline activation file from Raysync '2020-5-25 Update.upd'.



5, Prompt 'Authorization success'.



6, You can get the license code.



7, Login admin portal, input the license code and activate to use.

2.4.2.1 Linux Offline Activation

1, Go into license folder, for example:/opt/Raysync/RaySync_3.0.7.3/tools/license.

```
[root@iZwz9ivic58czwgtcd75bsZ license]# cd /opt/Raysync/RaySync_3.0.7.3/tools/license
```

Check tool.

```
[root@iZwz9ivic58czwgtcd75bsZ license]# ls
RaySyncLicense
```

Run RaySyncLicense.

```
[root@iZwz9ivic58czwgtcd75bsZ license]# ./RaySyncLicense
***** LicenseManager *****
OPI: RayVisionLicense(v0.0.0.1)
Home
-----
<A> Activate   Please get the SN from your supplier
<Q> Quit
-----
Selection ..... ?
```

2, Follow the steps below to activate the authorization code.

```
[root@localhost RaySync]# ./RaySyncLicense
***** LicenseManager *****
OPI: RayVisionLicense(v0.0.0.1)
Home
-----
<A> Activate   Please get the SN from your supplier
<Q> Quit
-----
Selection ..... ? a
Home > Activate
-----
<F> Offline    Unable to connect to the network
<B> Back
-----
Selection ..... ? f
Home > Activate > Offline
-----
<R> Get the activation request file
<A> Apply update code file
<B> Back
-----
Selection ..... ? r
Enter SN: QW5JFAEEBAZFB7PC
```

3, Exit .

```
Selection ..... ? r
Enter SN: QW5JFAEEBAZFB7PC
Get request file successfully, please send it to ISV.
File name : /home/test/RaySync/1530328091 Request Code.req
Press any key to continue...
Home > Activate > Offline
-----
<R> Get the activation request file
<A> Apply update code file
<B> Back
-----
Selection ..... ? b
Home > Activate
-----
<F> Offline    Unable to connect to the network
<B> Back
-----
Selection ..... ? b
Home
-----
<A> Activate   Please get the SN from your supplier
<Q> Quit
-----
Selection ..... ? q
Are you sure to quit? (y/n)y
[root@localhost RaySync]#
```

4, Please send 1530328091 Request Code.req to us , we will feedback a new file to you asap.

```
[root@localhost RaySync]# ll
总用量 10120
-rw-r--r-- 1 root root    285 6月 30 11:08 1530328091 Request Code.req
drwxrwxr-x 2 test test   4096 6月 30 10:30 config
drwxr-xr-x 5 test test   4096 1月 2 04:48 dist
drwxrwxr-x 2 test test   4096 6月 30 02:06 log
drwxrwxr-x 2 test test   4096 6月 30 02:23 out
drwxr-xr-x 3 test test   4096 6月 29 18:58 proxy
-rwxrwxr-x 1 test test   939034 6月 30 2017 RaySyncLicense
-rwxr-xr-x 1 test test  9379136 1月 2 04:47 RaySyncServer
-rwxr-xr-x 1 test test    292 12月 4 2017 start.sh
-rwxr-xr-x 1 test test    727 12月 4 2017 status.sh
-rwxr-xr-x 1 test test    391 12月 4 2017 stop.sh
drwxrwxr-x 4 test test   4096 6月 30 10:28 user
[root@localhost RaySync]#
```

5, Input the new test.upd file.

```
[root@localhost RaySync]# ./RaySyncLicense
***** LicenseManager *****
OPI: RayVisionLicense(v0.0.0.1)
Home
-----
<A> Activate   Please get the SN from your supplier
<Q> Quit
-----
Selection ..... ? a
Home > Activate
-----
<F> Offline   Unable to connect to the network
<B> Back
-----
Selection ..... ? f
Home > Activate > Offline
-----
<R> Get the activation request file
<A> Apply update code file
<B> Back
-----
Selection ..... ? a
Input file name: test.upd
```

6, Get the license and exit

```
Input file name: test.upd
Update the SN successfully.
Press any key to continue...
Home > Activate > Offline
-----
<R> Get the activation request file
<A> Apply update code file
<B> Back
-----
Selection ..... ? b
Home > Activate
-----
<F> Offline   Unable to connect to the network
<B> Back
-----
Selection ..... ? b
Home
-----
No.    SN              Exp.Date    status    MaxClient    BW(Mbps)
1    QW5JFAEBAZF87PC  2018-07-10 12:11:02  normal    10           200
-----
<A> Activate   Please get the SN from your supplier
<Q> Quit
-----
Tip: Enter the number, operate the SN, enter the letter,
execute the command.
Selection ..... ?
Invalid input, please re-enter.
Selection ..... ? q
Are you sure to quit? (y/n) y
[root@localhost RaySync]#
```

7, Login admin portal, input the license code and activate to use.

2.5 Editing Server Information

The server information includes the server address, UDP acceleration port, UDP packet size, default storage path, egress bandwidth, transmission service, and whether compression is enabled.

You can edit the server information by clicking the Modify button in the server information.

Main Information

Modify

Server Name:

RaySync Server

Version:


5.0.6.8

MAC Address:

00:50:56:8a:27:e8

OS:

Linux-3.10.0-327.el7.x86_64-x86_64-with-centos-7.4.1708-Core-x86_64

Host 


121.201.121.155

UDP Port:

32001

UDP Package Size:

1200

Compression 

Enabled

Bandwidth:

0

License:

1234344555663

Shutdown server

Reboot server

Edit

Server Name

RaySync Server

Host Support domain and IP address

121.201.121.155

UDP Port

32001


UDP Package Size 600 ~ 1442

1200

Outbound Bandwidth Mbps Set 0 or not set, bandwidth limit does not take effect

0

License

Compression 

Cancel

OK

Function	Description
Server Address	The server address can be changed to an IP address or domain name. After the server address is changed, both user portal and admin portal

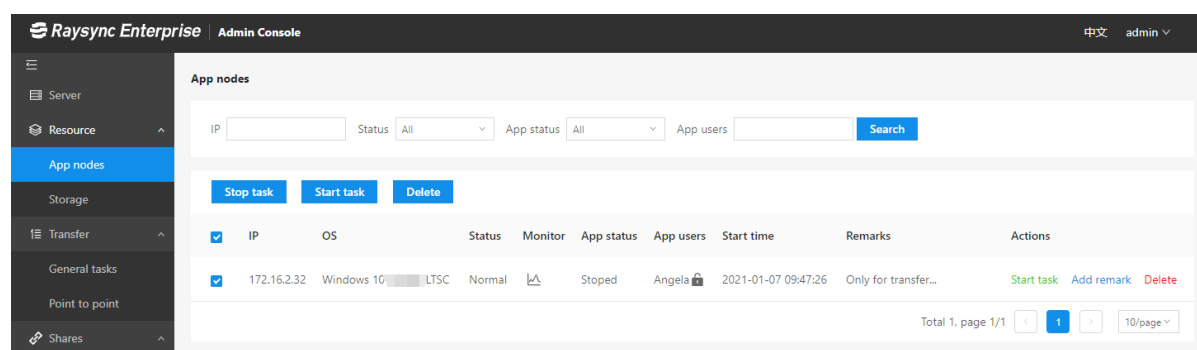
	need use the new server address to access
UDP Acceleration Port	The UDP port can be changed to be a port between 1 and 65535. The default is 32001. You need to ensure that the server firewall already has the UDP port. Otherwise, the transmission will fail. After the change, you need to restart the server.
UDP Message Size	UDP message size is generally set to the default value. The default is 1200 (the range is 600~1442).
Enable Compression	After the compression is enabled, the files that can be compressed and transmitted will be compressed and transmitted, which can reduce the bandwidth usage and improve transmission efficiency.
Outbound Bandwidth	The server export bandwidth is not configured by default, and the export bandwidth is not limited. When set to 0 or not filled in, the bandwidth limit will not take effect

2.6 Resource Management

2.6.1 App Nodes

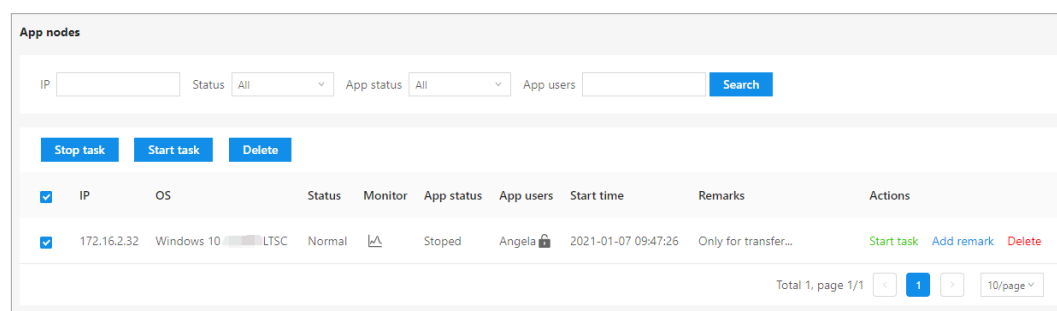
It displays the running status of the client application on nodes which connected to the server, and monitors the nodes CPU, memory, and disk utilization, and you can stop and start all transmission tasks, and lock the client user.

Tips: The server needs to open service port TCP 32001



2.6.1.1 App Nodes Info

The administrator can see the successfully connected node IP, operating system, node status, node monitoring information, node startup time, client app status, and client login user name.



You can monitor node CPU/Memory/Disk usage.

App nodes

IP Status All App status All App users Search

Stop task Start task Delete

<input checked="" type="checkbox"/>	IP	OS	Status	Monitor	App status	App users	Start time	Remarks	Actions
<input checked="" type="checkbox"/>	172.16.2.32	Windows 10 企业版 LTSC	Normal		Stoped	Angela	2021-01-07 09:47:27	Only for transfer...	Start task Add remark Delete

Check node status

Total 1, page 1/1 < 1 > 10/page

App nodes

IP

Stop task

real-time monitoring(172.16.2.32)

CPU usage: 17.50%

Memory usage: 47.31%
7.51 GB / 15.87 GB

Disk usage: Total storage: 1.36 TB

C: 57 GB / 200 GB 28.41%

D: 37 GB / 200 GB 18.45%

F: 40 GB / 266 GB 14.86%

G: 1 GB / 366 GB 0.35%

H: 38 GB / 366 GB 10.39%

2.6.1.2 Start Task

Select the node that needs to be started, and click the [Start task] button in the operation.

App nodes

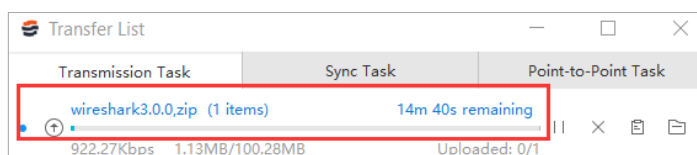
IP Status All App status All App users Search

Stop task Start task Delete

<input checked="" type="checkbox"/>	IP	OS	Status	Monitor	App status	App users	Start time	Remarks	Actions
<input checked="" type="checkbox"/>	172.16.2.32	Windows 10 LTSC	Normal		Stoped	Angela	2021-01-07 09:47:27	Only for transfer...	Start task Add remark Delete

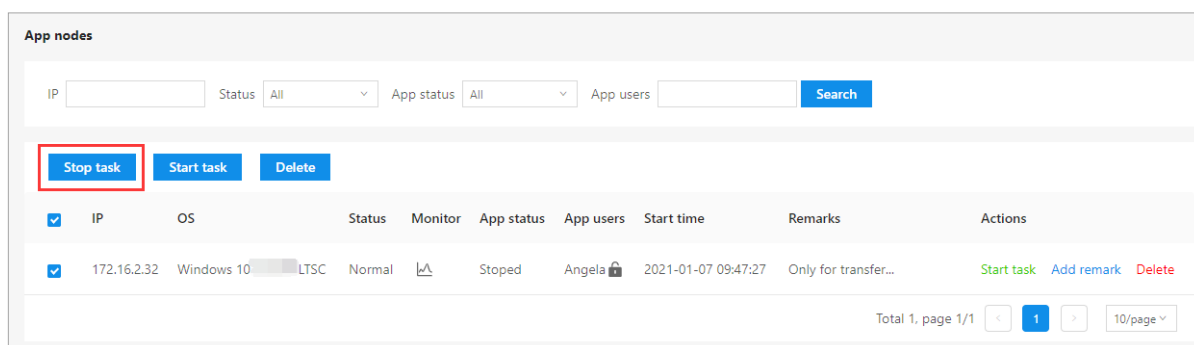
Total 1, page 1/1 < 1 > 10/page

All the tasks will start to transfer.



2.6.1.3 Stop Task

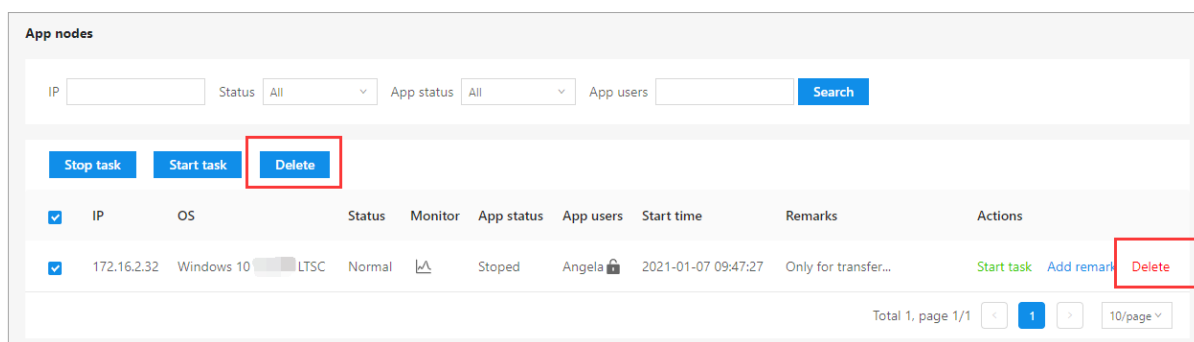
Select the node that needs to be stopped, and click the [Stop task] button in the operation.



All the tasks will stop to transfer.

2.6.1.4 Delete Nodes

Select the node that needs to be deleted, and click the [Delete] button in the operation.

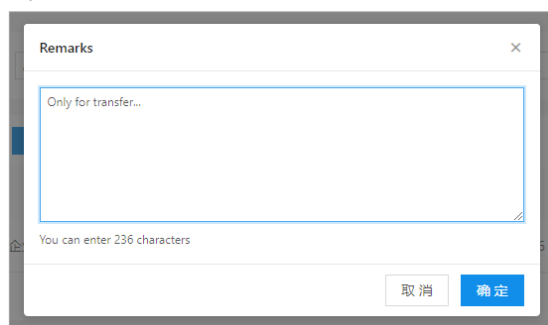


After the deletion is successful, the selected node will be deleted from the list, but the transmission task of the client will not be deleted.

2.6.1.5 Lock/Unlock Client User

Select the client user, click [lock] or [unlock] icon

Input remark info.



Remarks

Only for transfer...

You can enter 236 characters

取消 确定

Input successfully.

App nodes

IP Status App status App users [Search](#)

[Stop task](#) [Start task](#) [Delete](#)

<input checked="" type="checkbox"/>	IP	OS	Status	Monitor	App status	App users	Start time	Remarks	Actions
<input checked="" type="checkbox"/>	172.16.2.32	Windows 10 LTSC	Normal		Stoped	Angela	2021-01-07 09:47:26	Only for transfer...	Start task Add remark Delete

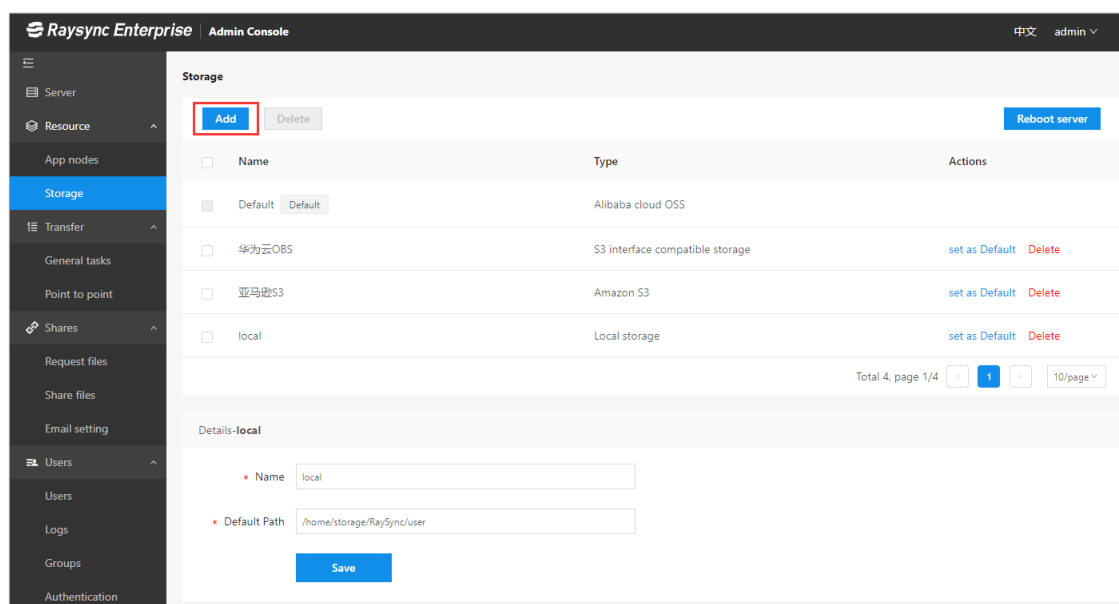
Total 1, page 1/1 [1](#) 10/page

2.6.2 Storage

Storage is used to specify home directories and virtual directories for all users and user groups.
Support config multiple storage.

2.6.2.1 Add Storage

Click [Add] button.



Raysync Enterprise Admin Console

Storage

[Add](#) [Delete](#) [Reboot server](#)

<input type="checkbox"/>	Name	Type	Actions
<input checked="" type="checkbox"/>	Default	Default	Alibaba cloud OSS
<input type="checkbox"/>	华为云OBS	S3 interface compatible storage	set as Default Delete
<input type="checkbox"/>	亚马逊S3	Amazon S3	set as Default Delete
<input type="checkbox"/>	local	Local storage	set as Default Delete

Total 4, page 1/4 [1](#) 10/page

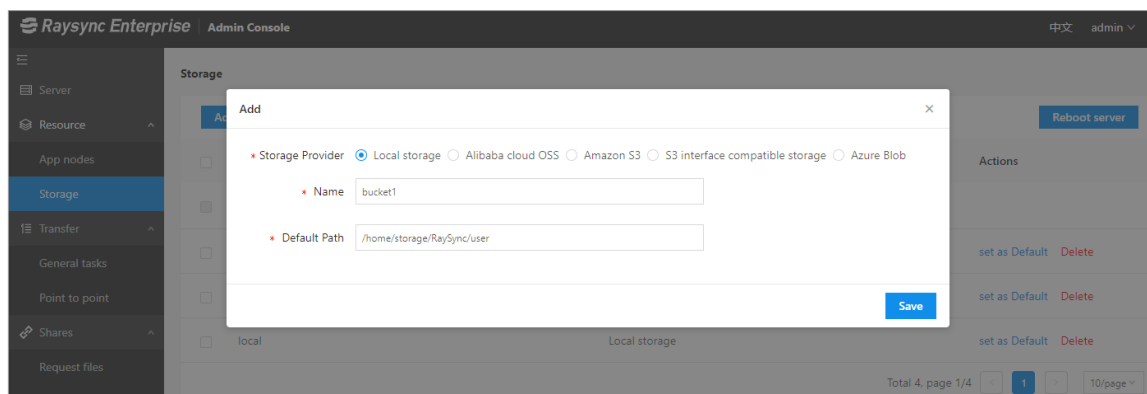
Details-local

Name

Default Path

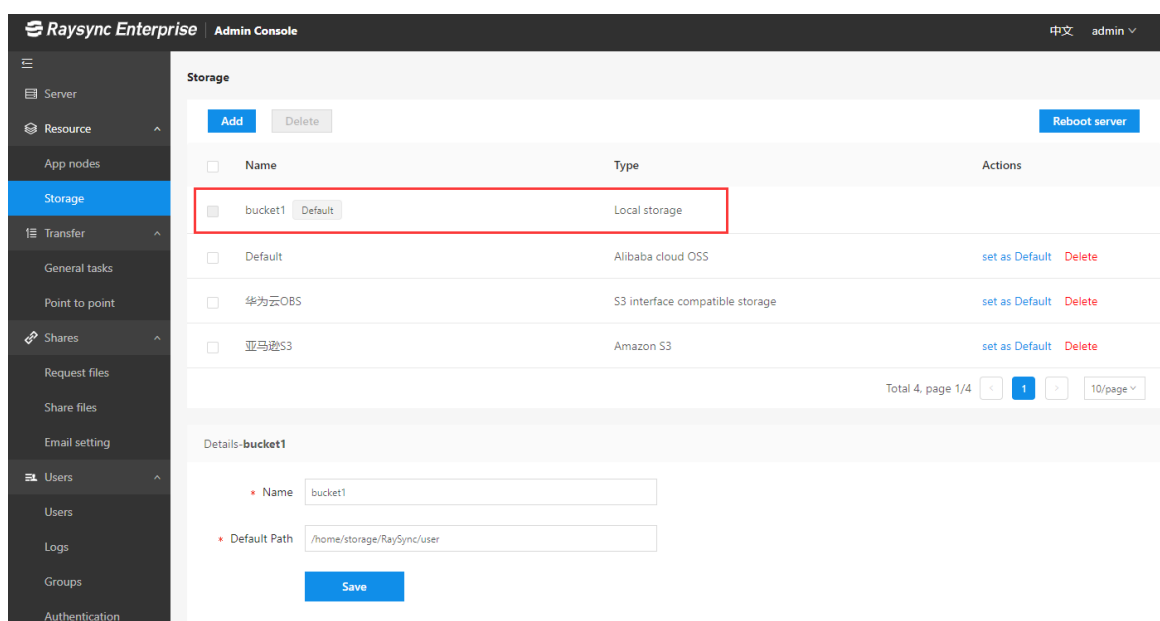
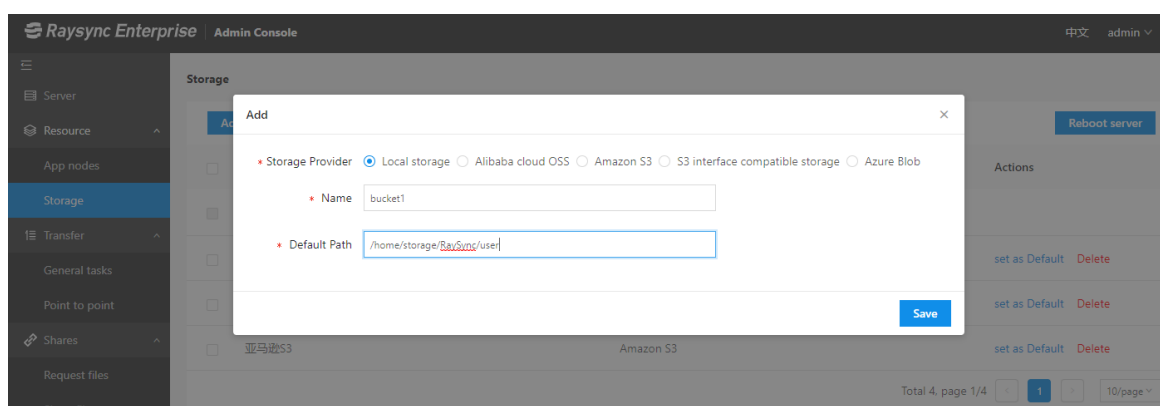
[Save](#)

Select storage provider,input storage name and storage info, save and reboot server.
Support local storage/Alibaba cloud OSS/Amazon S3/S3 interface compatible storage/Azure Blob.



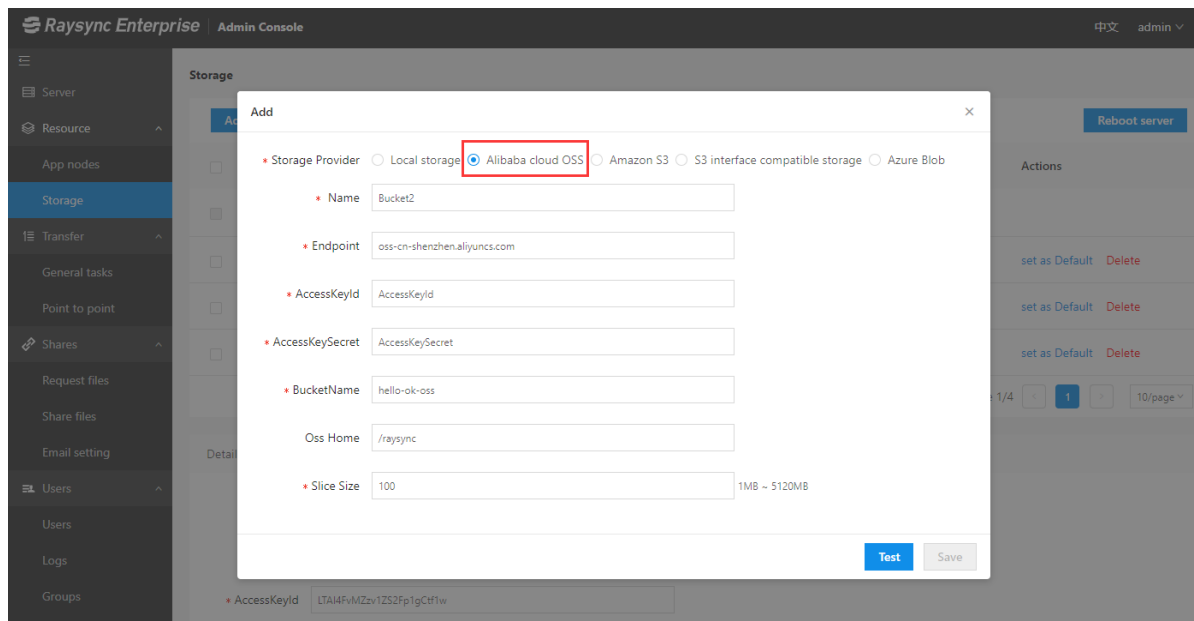
2.6.2.1.1 Add Local Storage

Input storage name and path,save and reboot server.



2.6.2.1.2 Add Ali-Cloud OSS 存储

Input storage name, and fill in oss config info , test and save.



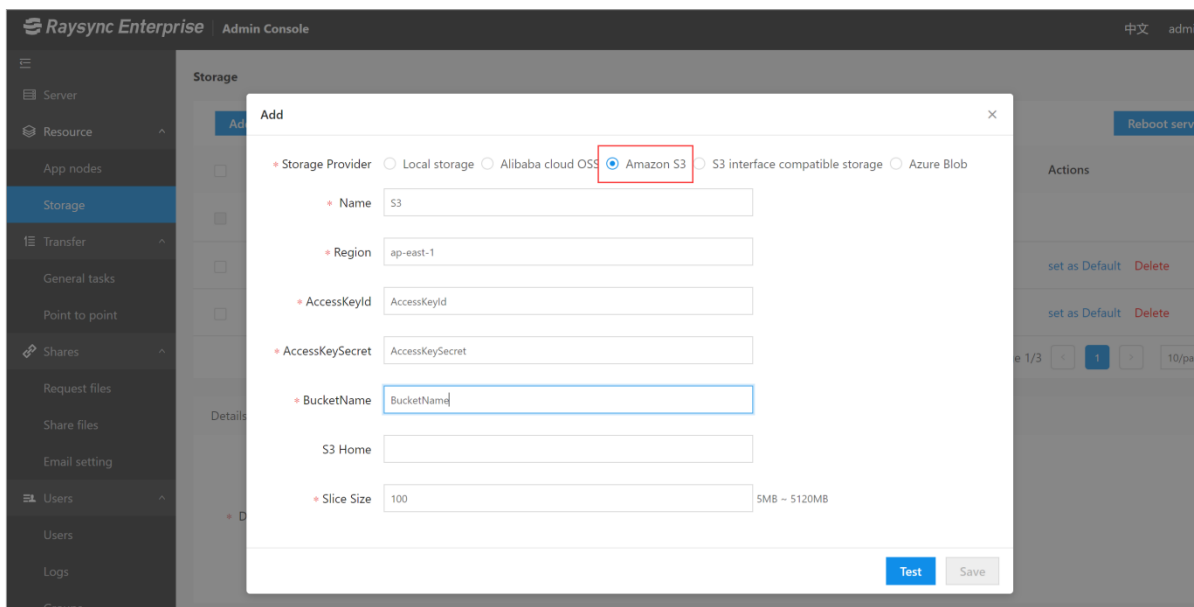
The screenshot shows the 'Add' dialog in the Raysync Enterprise Admin Console for configuring Alibaba cloud OSS storage. The 'Storage Provider' is set to 'Alibaba cloud OSS'. The fields are filled as follows:

- Name: Bucket2
- Endpoint: oss-cn-shenzhen.aliyuncs.com
- AccessKeyId: AccessKeyId
- AccessKeySecret: AccessKeySecret
- BucketName: hello-ok-oss
- Oss Home: /raysync
- Slice Size: 100 (1MB ~ 5120MB)

Buttons at the bottom: Test, Save.

2.6.2.1.3 Add Amazon S3 Storage

Input storage name, and fill in oss config info , test and save.



The screenshot shows the 'Add' dialog in the Raysync Enterprise Admin Console for configuring Amazon S3 storage. The 'Storage Provider' is set to 'Amazon S3'. The fields are filled as follows:

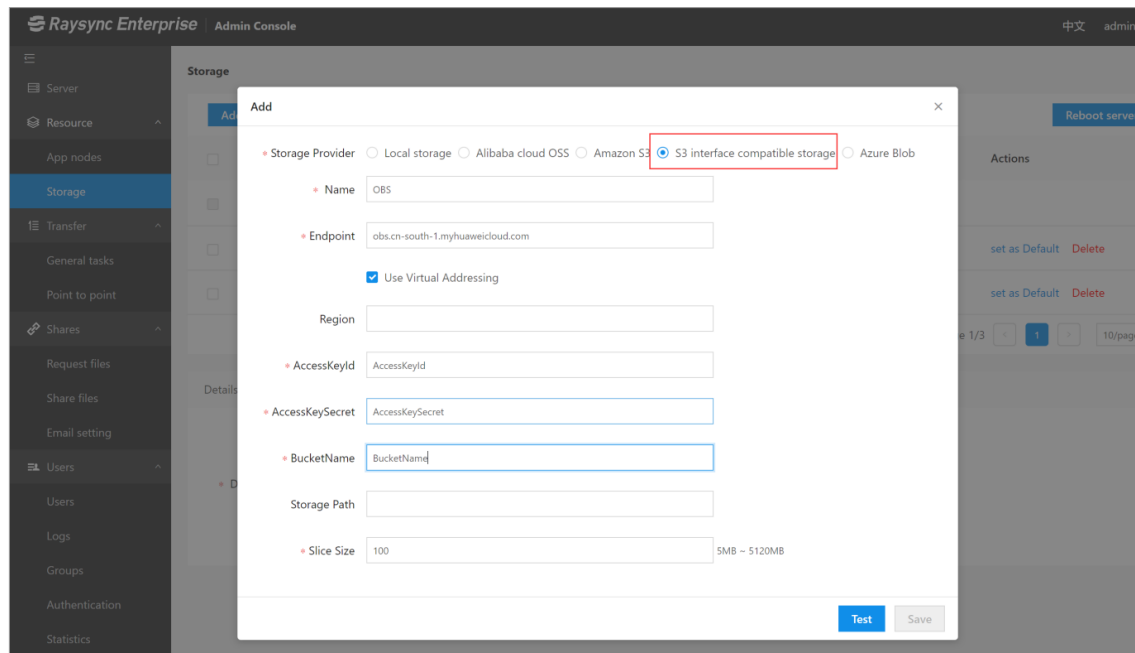
- Name: S3
- Region: ap-east-1
- AccessKeyId: AccessKeyId
- AccessKeySecret: AccessKeySecret
- BucketName: BucketName
- S3 Home:
- Slice Size: 100 (5MB ~ 5120MB)

Buttons at the bottom: Test, Save.

2.6.2.1.4 Add S3 Interface compatible Storage

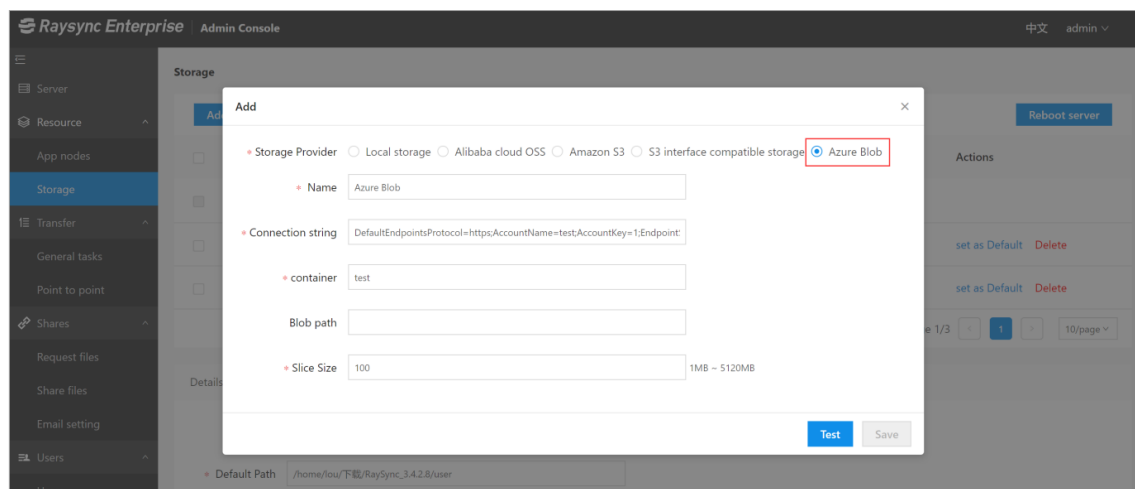
Support Huawei object storage/Tencent object storage/Jinshan object storage/Ceph object storage/Qingyun object storage/Backblaze B2 Cloud Storage Buckets/Wasabi.

Input storage name, and fill in oss config info , test and save.



2.6.2.1.5 Add Azure Blob Storage

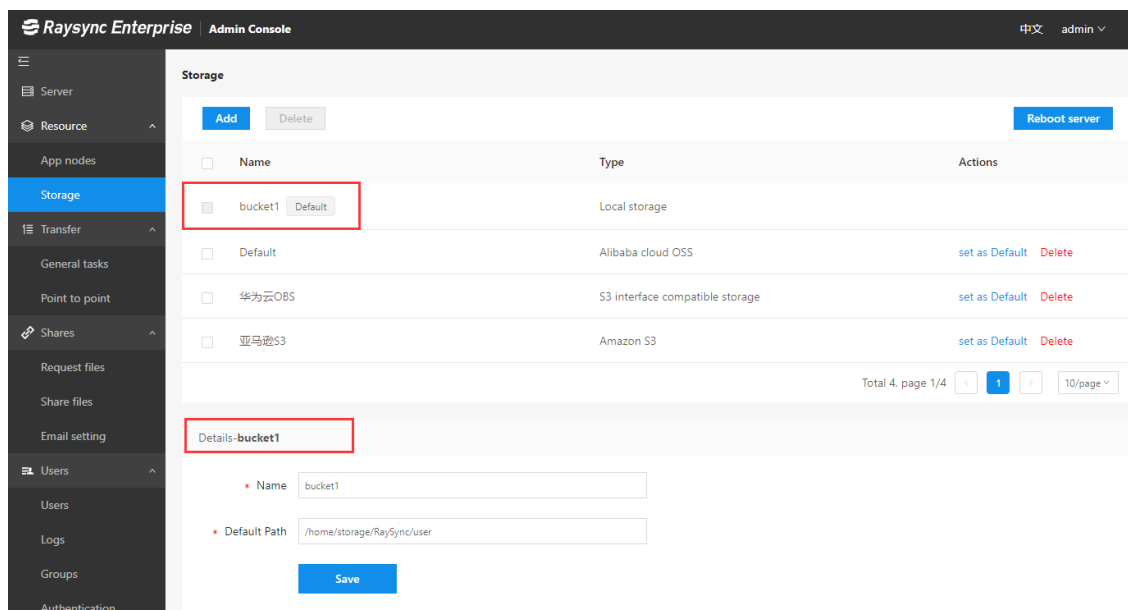
Input storage name, and fill in oss config info , test and save.



2.6.2.2 Modify storage info

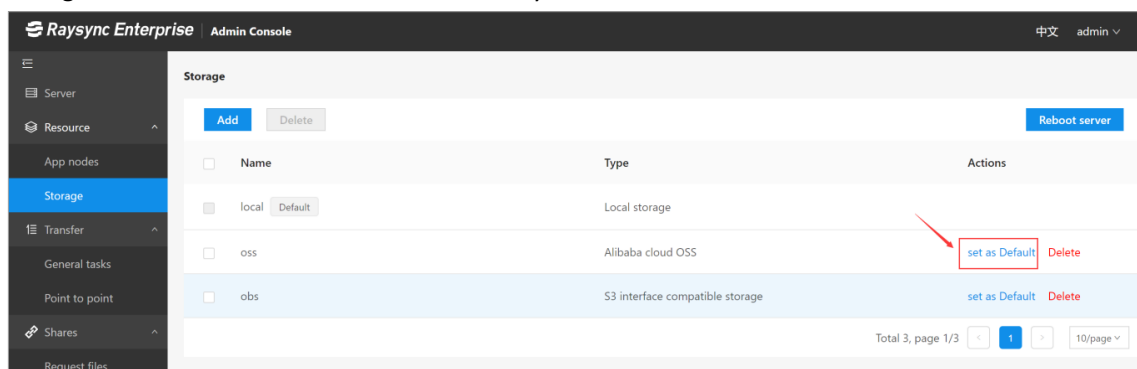
Click storage, and it will shows the details below,then you can modify info.

Tips:It requires to reboot server to take effect after modify storage info.



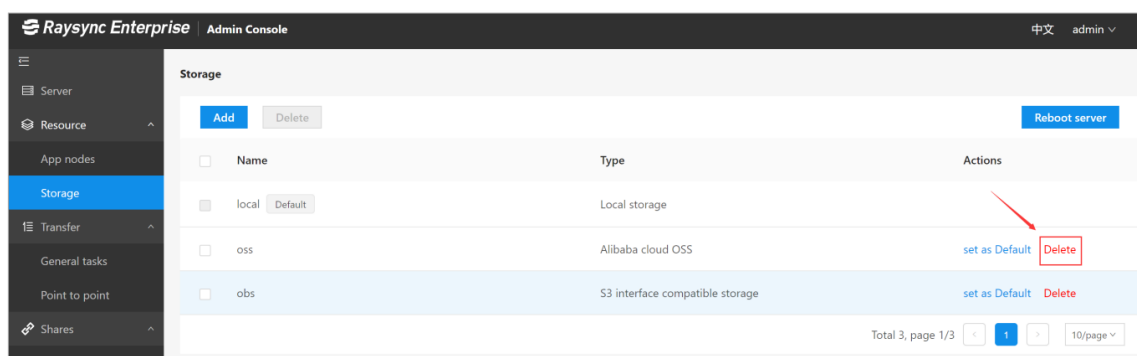
2.6.2.3 Default storage

Support setting default storage. When user and user groups have not set a home directory, the default storage here will be used as the home directory.



2.6.2.4 Delete Storage

Default storage cannot be deleted.

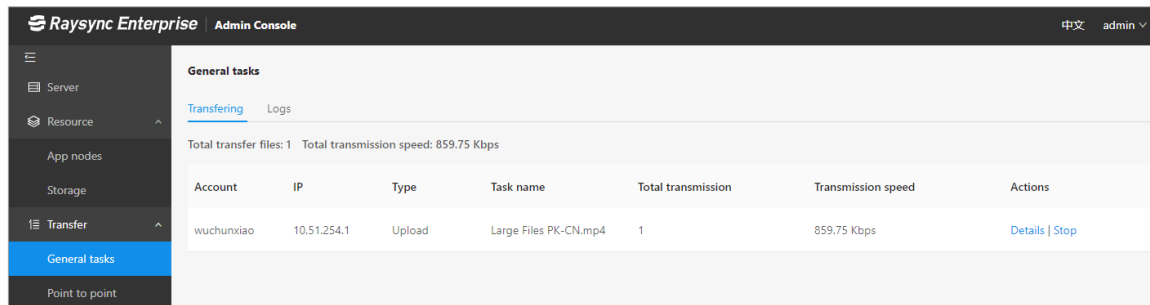


2.7 Transfer

2.7.1 General Tasks

2.7.1.1 Transferring

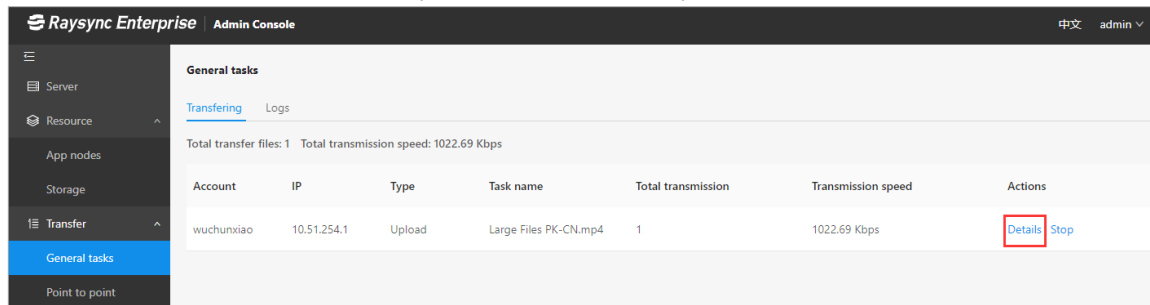
Click 【General tasks】



The screenshot shows the 'General tasks' section of the Raysync Enterprise Admin Console. The left sidebar has 'General tasks' selected. The main area shows a table with one task: 'Large Files PK-CN.mp4'.

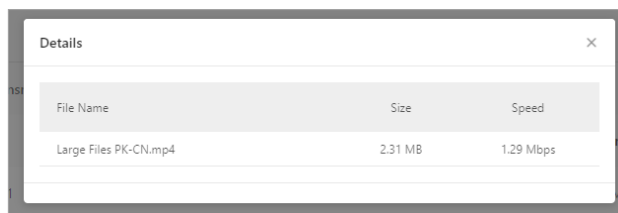
Account	IP	Type	Task name	Total transmission	Transmission speed	Actions
wuchunxiao	10.51.254.1	Upload	Large Files PK-CN.mp4	1	859.75 Kbps	Details Stop

Click [Details], admin can check every file's name, size and speed.



The screenshot shows the 'General tasks' section of the Raysync Enterprise Admin Console. The 'Details' link in the 'Actions' column is highlighted with a red box.

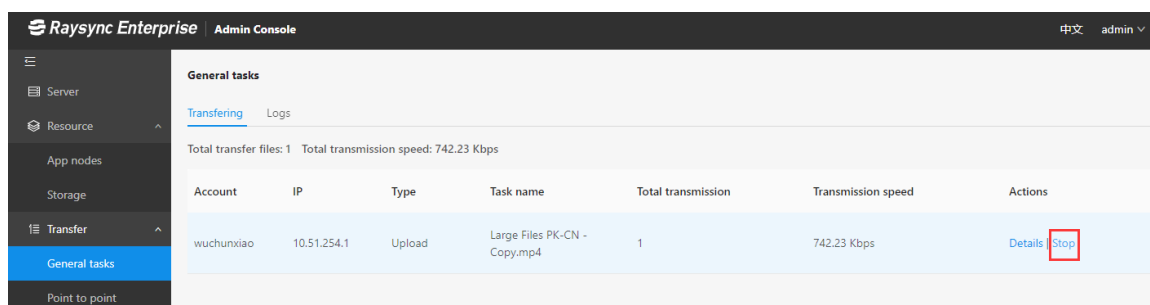
Account	IP	Type	Task name	Total transmission	Transmission speed	Actions
wuchunxiao	10.51.254.1	Upload	Large Files PK-CN.mp4	1	1022.69 Kbps	Details Stop



The screenshot shows the 'Details' modal window. It displays the file name, size, and speed for the selected task.

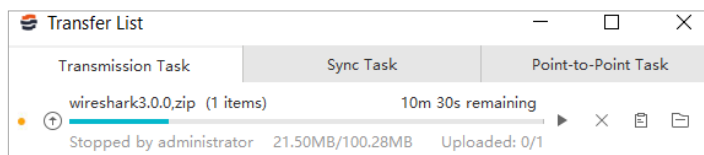
File Name	Size	Speed
Large Files PK-CN.mp4	2.31 MB	1.29 Mbps

Click [Stop], admin can stop the task.



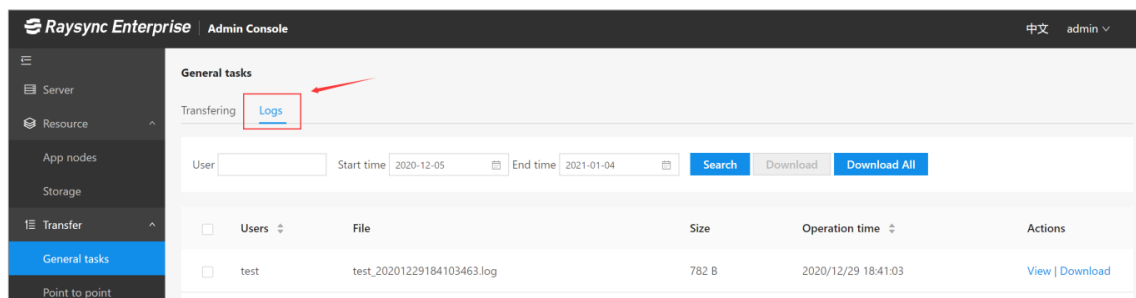
The screenshot shows the 'General tasks' section of the Raysync Enterprise Admin Console. The 'Stop' link in the 'Actions' column is highlighted with a red box.

Account	IP	Type	Task name	Total transmission	Transmission speed	Actions
wuchunxiao	10.51.254.1	Upload	Large Files PK-CN - Copy.mp4	1	742.23 Kbps	Details Stop

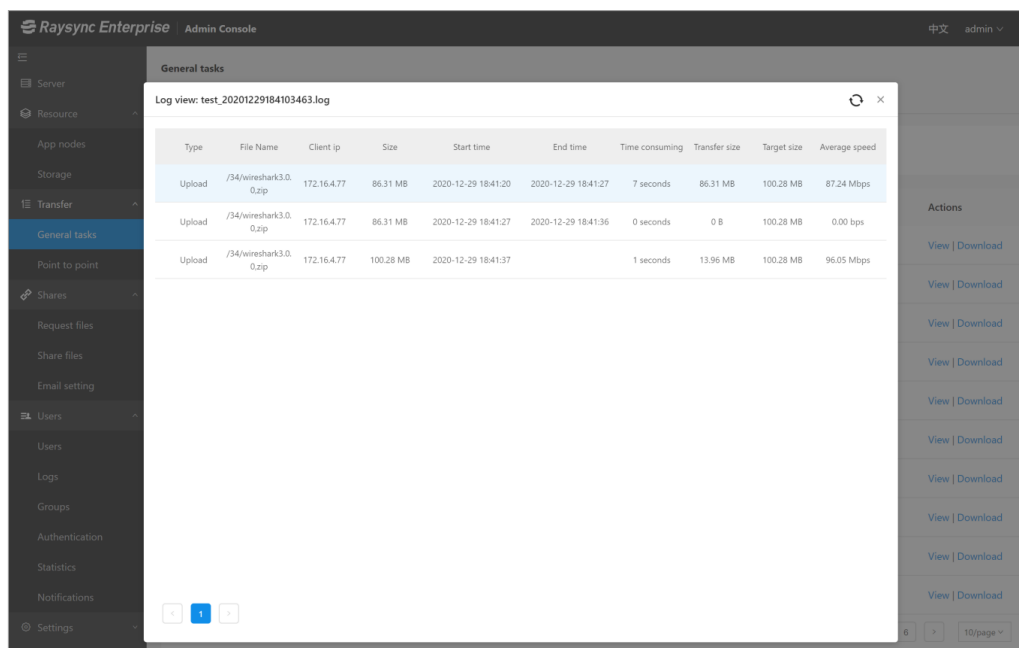


2.7.1.2 Logs

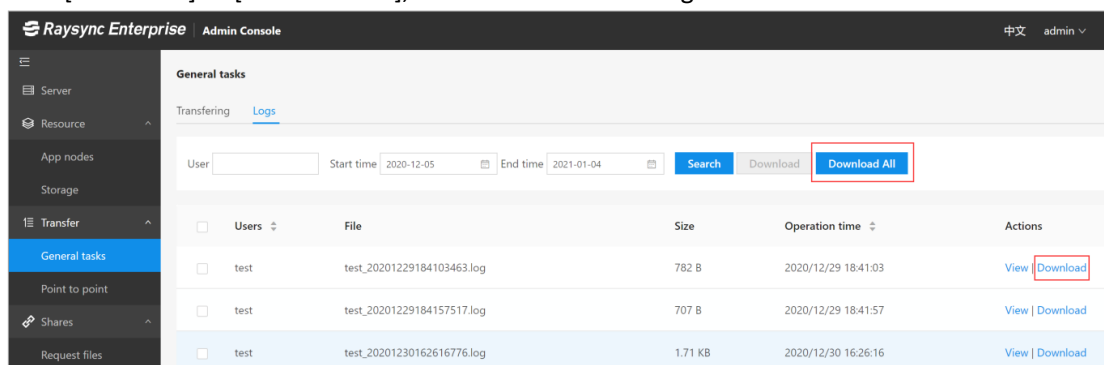
Click [Logs] , admin can view the history tasks for all users.



Click [view], admin can check the logs online.



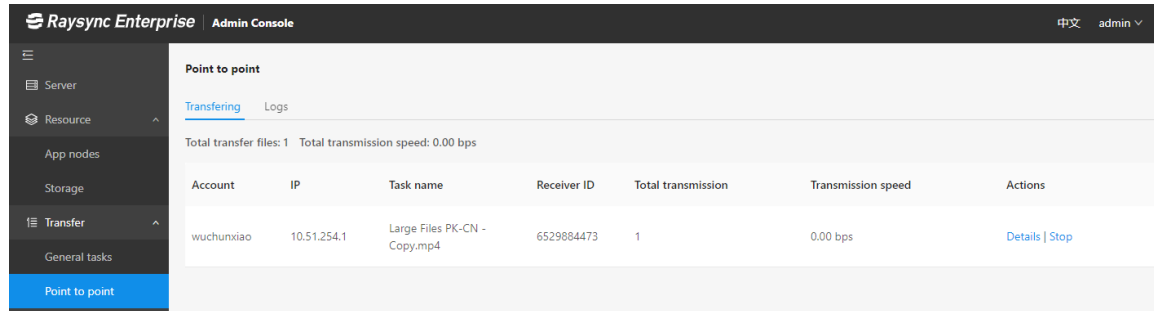
Click [Download] or [Download All], admin can download logs and check on local.



2.7.2 Point to Point

2.7.2.1 Transferring

Click 【Point to point】



Raysync Enterprise | Admin Console 中文 admin

Point to point

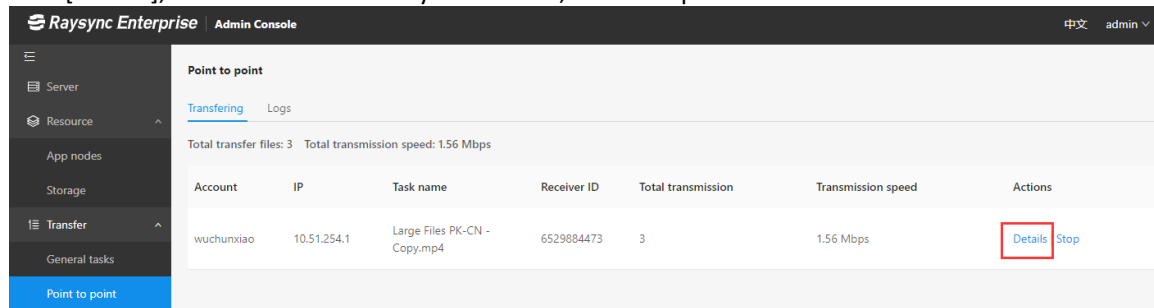
Transferring Logs

Total transfer files: 1 Total transmission speed: 0.00 bps

Account	IP	Task name	Receiver ID	Total transmission	Transmission speed	Actions
wuchunxiao	10.51.254.1	Large Files PK-CN - Copy.mp4	6529884473	1	0.00 bps	Details Stop

Point to point

Click [Details], admin can check every file's name, size and speed.



Raysync Enterprise | Admin Console 中文 admin

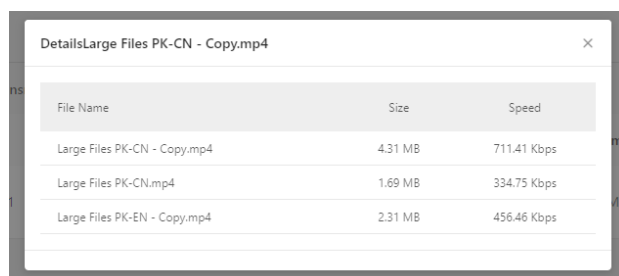
Point to point

Transferring Logs

Total transfer files: 3 Total transmission speed: 1.56 Mbps

Account	IP	Task name	Receiver ID	Total transmission	Transmission speed	Actions
wuchunxiao	10.51.254.1	Large Files PK-CN - Copy.mp4	6529884473	3	1.56 Mbps	Details Stop

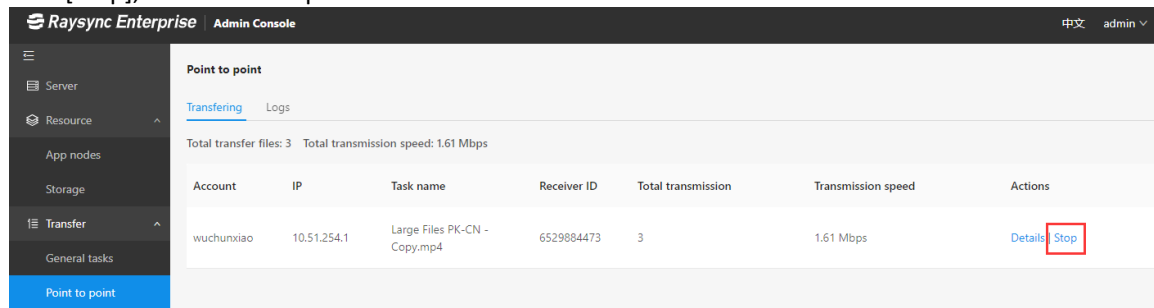
Point to point



Details Large Files PK-CN - Copy.mp4

File Name	Size	Speed
Large Files PK-CN - Copy.mp4	4.31 MB	711.41 Kbps
Large Files PK-CN.mp4	1.69 MB	334.75 Kbps
Large Files PK-EN - Copy.mp4	2.31 MB	456.46 Kbps

Click [Stop], admin can stop the task.



Raysync Enterprise | Admin Console 中文 admin

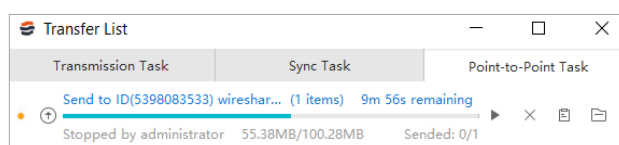
Point to point

Transferring Logs

Total transfer files: 3 Total transmission speed: 1.61 Mbps

Account	IP	Task name	Receiver ID	Total transmission	Transmission speed	Actions
wuchunxiao	10.51.254.1	Large Files PK-CN - Copy.mp4	6529884473	3	1.61 Mbps	Details Stop

Point to point



Transfer List

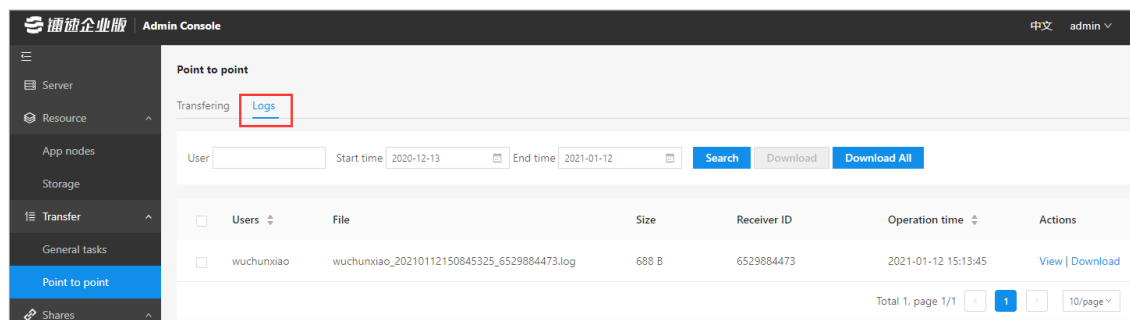
Transmission Task Sync Task Point-to-Point Task

Send to ID(5398083533) wireshar... (1 items) 9m 56s remaining

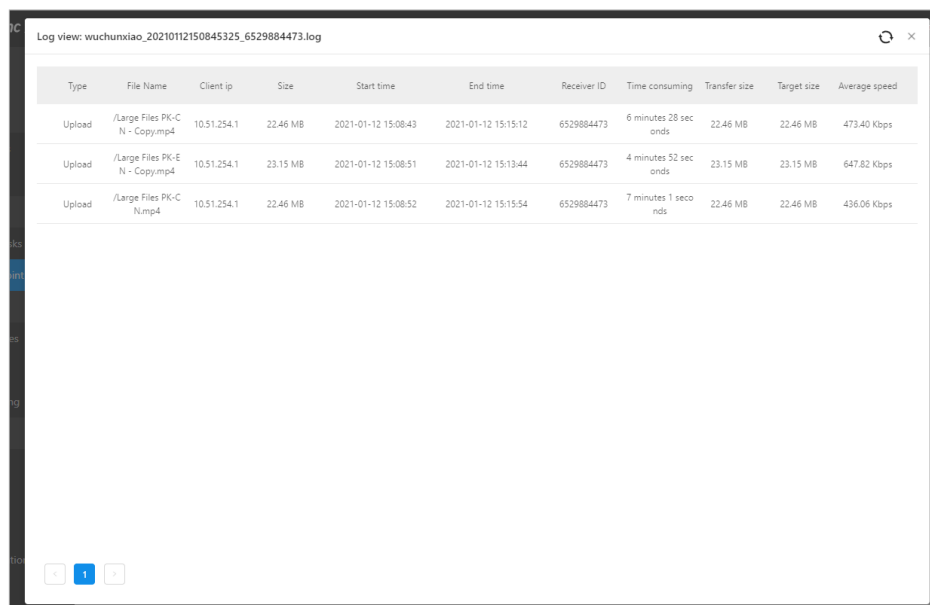
Stopped by administrator 55.38MB/100.28MB Sent: 0/1

2.7.2.2 Logs

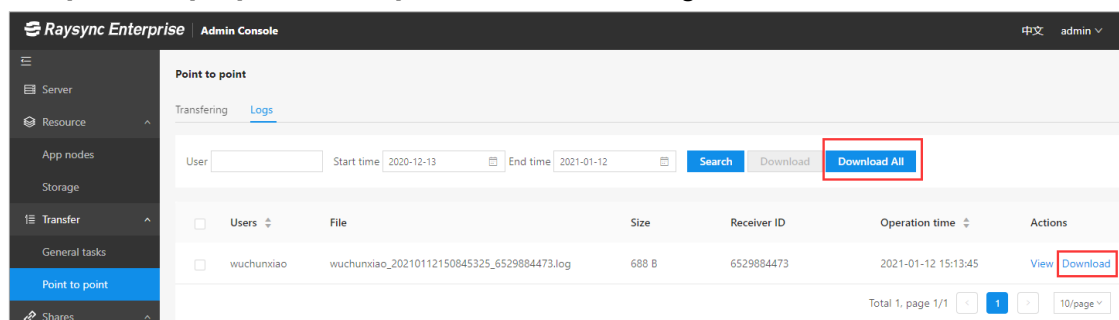
Click [Logs] , admin can view the history tasks for all users.



Click [view], admin can check the logs online.



Click [Download] or [Download All], admin can download logs and check on local.

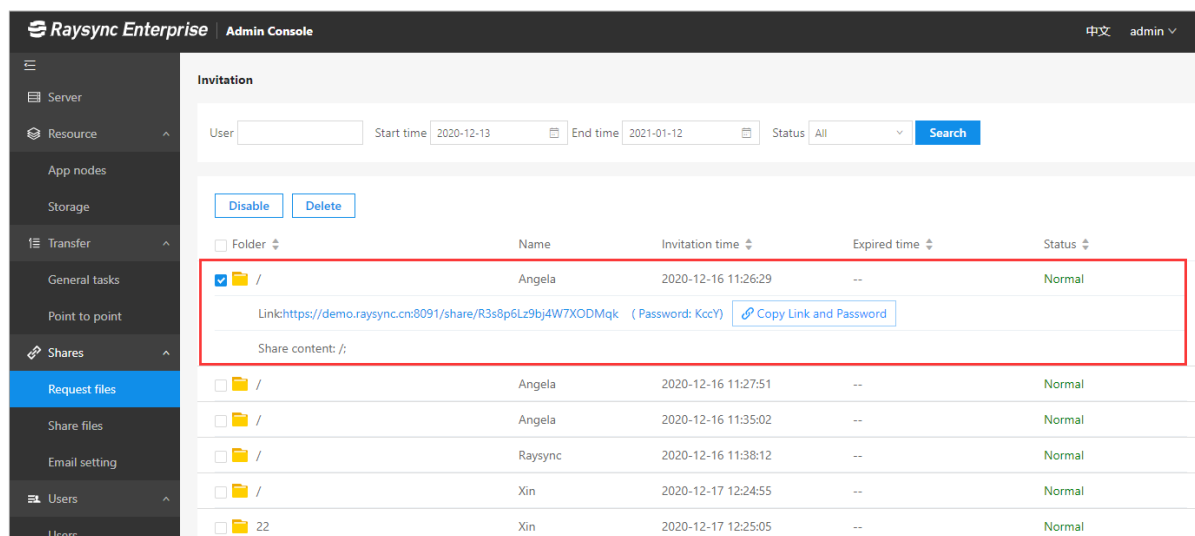


2.8 Shares

2.8.1 Request files

2.8.1.1 View Link Details

Double click item,you can see the link details.



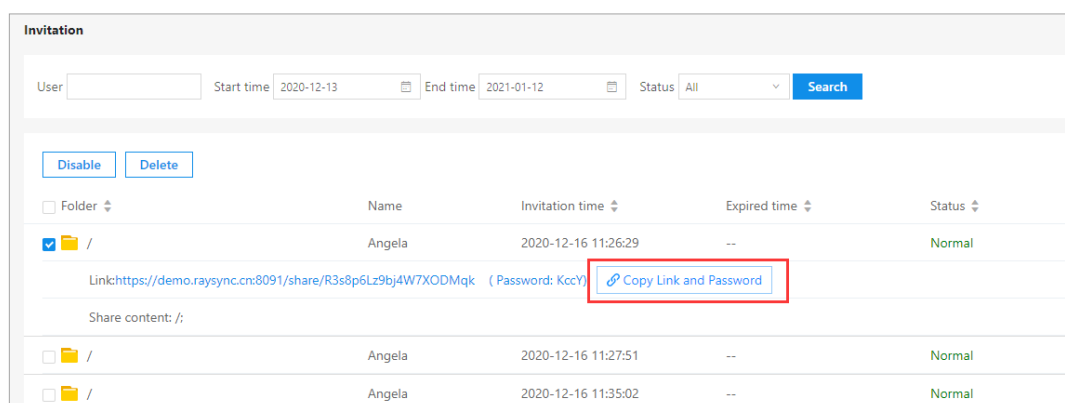
Invitation

User: Start time: 2020-12-13 End time: 2021-01-12 Status: All [Search](#)

[Disable](#) [Delete](#)

<input type="checkbox"/> Folder	Name	Invitation time	Expired time	Status
<input checked="" type="checkbox"/> /	Angela	2020-12-16 11:26:29	--	Normal
Link: https://demo.raysync.cn:8091/share/R3s8p6Lz9bj4W7XODMqk (Password: KccY) Copy Link and Password				
Share content: /;				
<input type="checkbox"/> /	Angela	2020-12-16 11:27:51	--	Normal
<input type="checkbox"/> /	Angela	2020-12-16 11:35:02	--	Normal
<input type="checkbox"/> /	Raysync	2020-12-16 11:38:12	--	Normal
<input type="checkbox"/> /	Xin	2020-12-17 12:24:55	--	Normal
<input type="checkbox"/> 22	Xin	2020-12-17 12:25:05	--	Normal

2.8.1.2 Copy Link and Password



Invitation

User: Start time: 2020-12-13 End time: 2021-01-12 Status: All [Search](#)

[Disable](#) [Delete](#)

<input type="checkbox"/> Folder	Name	Invitation time	Expired time	Status
<input checked="" type="checkbox"/> /	Angela	2020-12-16 11:26:29	--	Normal
Link: https://demo.raysync.cn:8091/share/R3s8p6Lz9bj4W7XODMqk (Password: KccY) Copy Link and Password				
Share content: /;				
<input type="checkbox"/> /	Angela	2020-12-16 11:27:51	--	Normal
<input type="checkbox"/> /	Angela	2020-12-16 11:35:02	--	Normal

2.8.1.3 Cancel Links

Select any share link and click [Disable]

Invitation

User

Start time2020-12-13

End time2021-01-12

StatusAll

Search

Disable

Delete

<input type="checkbox"/> Folder	Name	Invitation time	Expired time	Status
<input checked="" type="checkbox"/> /	Angela	2020-12-16 11:26:29	--	Normal
<div>Linkhttps://demo.raysync.cn:8091/share/R3s8p6Lz9bj4W7XODMqk (Password: KccY) Copy Link and Password</div> <div>Share content: /;</div>				
<input type="checkbox"/> /	Angela	2020-12-16 11:27:51	--	Normal
<input type="checkbox"/> /	Angela	2020-12-16 11:35:02	--	Normal

2.8.1.4 Delete Links

Enter the Invitation to Upload interface, select any share link and click [Delete Invitation]

Invitation

User

Start time2020-12-13

End time2021-01-12

StatusAll

Search

Disable

Delete

<input type="checkbox"/> Folder	Name	Invitation time	Expired time	Status
<input checked="" type="checkbox"/> /	Angela	2020-12-16 11:26:29	--	Normal
<div>Linkhttps://demo.raysync.cn:8091/share/R3s8p6Lz9bj4W7XODMqk (Password: KccY) Copy Link and Password</div> <div>Share content: /;</div>				
<input type="checkbox"/> /	Angela	2020-12-16 11:27:51	--	Normal
<input type="checkbox"/> /	Angela	2020-12-16 11:35:02	--	Normal

2.8.2 Sharing Files

2.8.2.1 View Link Details

Double click item,you can see link details.

Raysync Enterprise Admin Console

中文 admin

Server

Resource

App nodes

Storage

Transfer

General tasks

Point to point

Shares

Request files

Share files

Email setting

Share download

User

Start time2020-12-13

End time2021-01-12

StatusAll

Search

Disable

Delete

<input type="checkbox"/> File	Name	Share time	Expired time	Status
<input checked="" type="checkbox"/> A	Angela	2020-12-16 11:20:48	--	Normal
<div>Linkhttps://demo.raysync.cn:8091/share/7GsDc4gHKOIZvdUWl9tA (Password: XqNx) Copy Link and Password</div> <div>Share content: /A;</div>				
<input type="checkbox"/> A	Angela	2020-12-16 11:21:28	--	Normal
<input type="checkbox"/> A	Angela	2020-12-16 11:22:48	--	Normal
<input type="checkbox"/> Proxy from customer	Angela	2020-12-16 11:24:19	--	Normal

2.8.2.2 Copy Link and Password

Share download

User: Start time: End time: Status: [Search](#)

[Disable](#) [Delete](#)

<input type="checkbox"/> File	Name	Share time	Expired time	Status
<input checked="" type="checkbox"/> A	Angela	2020-12-16 11:20:48	--	Normal
Link: https://demo.raysync.cn:8091/share/7GsDc4gHKOlZvdUWI9tA (Password: XqNx) Copy Link and Password				
Share content: /A:				
<input type="checkbox"/> A	Angela	2020-12-16 11:21:28	--	Normal
<input type="checkbox"/> A	Angela	2020-12-16 11:22:48	--	Normal

2.8.2.3 Disable Links

Select any share link, click [Disable]

Share download

User: Start time: End time: Status: [Search](#)

[Disable](#) [Delete](#)

<input type="checkbox"/> File	Name	Share time	Expired time	Status
<input checked="" type="checkbox"/> A	Angela	2020-12-16 11:20:48	--	Normal
Link: https://demo.raysync.cn:8091/share/7GsDc4gHKOlZvdUWI9tA (Password: XqNx) Copy Link and Password				
Share content: /A:				
<input type="checkbox"/> A	Angela	2020-12-16 11:21:28	--	Normal
<input type="checkbox"/> A	Angela	2020-12-16 11:22:48	--	Normal

2.8.2.4 Delete Links

Enter the Sharing Download interface, select any share link, click [Delete link]

Share download

User: Start time: End time: Status: [Search](#)

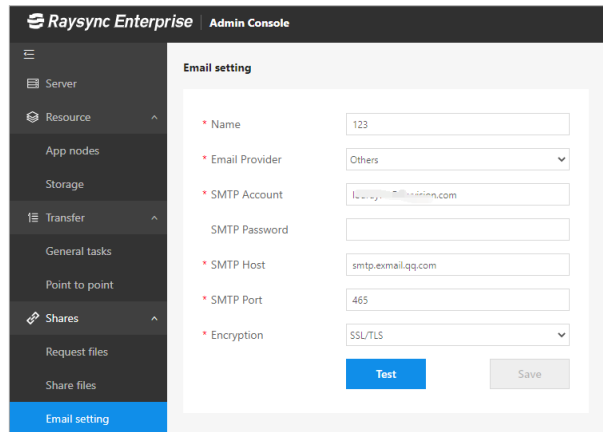
[Disable](#) [Delete](#)

<input type="checkbox"/> File	Name	Share time	Expired time	Status
<input checked="" type="checkbox"/> A	Angela	2020-12-16 11:20:48	--	Normal
Link: https://demo.raysync.cn:8091/share/7GsDc4gHKOlZvdUWI9tA (Password: XqNx) Copy Link and Password				
Share content: /A:				
<input type="checkbox"/> A	Angela	2020-12-16 11:21:28	--	Normal
<input type="checkbox"/> A	Angela	2020-12-16 11:22:48	--	Normal



2.8.3 Email Setting

Configure the email server when sending notification during sharing download/invitation to upload.
Support mainstream mailbox: Gmail、AOL、 iCloud、 MSN、 Microsoft365、 Outlook、 Hotmail、 Live、 yahoo、 Others



Raysync Enterprise Admin Console

Email setting

- * Name: 123
- * Email Provider: Others
- * SMTP Account: 123@rayvision.com
- SMTP Password:
- * SMTP Host: smtp.exmail.qq.com
- * SMTP Port: 465
- * Encryption: SSL/TLS

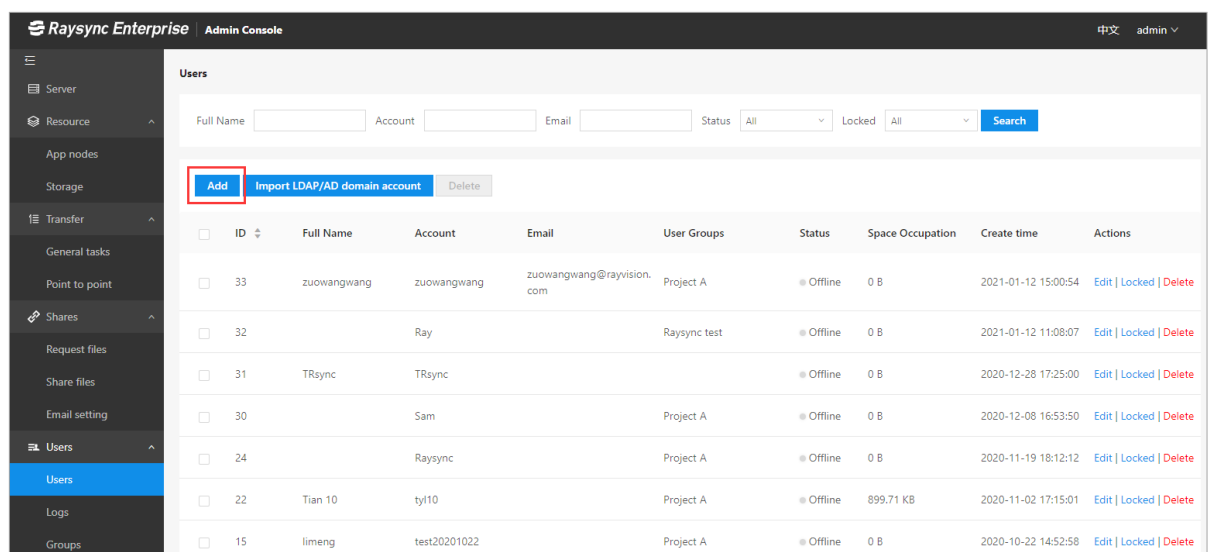
[Test](#) [Save](#)

2.9 User Management

2.9.1 Users List

2.9.1.1 Add user

Click [Add]



Raysync Enterprise Admin Console

Users

Full Name: Account: Email: Status: All Locked: All [Search](#)

[Add](#) [Import LDAP/AD domain account](#) [Delete](#)

ID	Full Name	Account	Email	User Groups	Status	Space Occupation	Create time	Actions
33	zuowangwang	zuowangwang	zuowangwang@rayvision.com	Project A	Offline	0 B	2021-01-12 15:00:54	Edit Locked Delete
32	Ray			Raysync test	Offline	0 B	2021-01-12 11:08:07	Edit Locked Delete
31	TRsync	TRsync			Offline	0 B	2020-12-28 17:25:00	Edit Locked Delete
30	Sam			Project A	Offline	0 B	2020-12-08 16:53:50	Edit Locked Delete
24	Raysync			Project A	Offline	0 B	2020-11-19 18:12:12	Edit Locked Delete
22	Tian 10	tyl10		Project A	Offline	899.71 KB	2020-11-02 17:15:01	Edit Locked Delete
15	limeng	test20201022		Project A	Offline	0 B	2020-10-22 14:52:58	Edit Locked Delete

Raysync Enterprise
Admin Console

Server
Resource
App nodes
Storage
Transfer
General tasks
Point to point
Shares
Request files
Share files
Email setting
Users
Logs
Groups
Authentication

Users > Add User

Full Name
0-32 characters

*Account
3-30 characters

*Password
Generate password

Email

☒ Force users to change password for the first time when they login

Home Directory
Default

Virtual directory
Add

Forbidden Path

User Groups
Add

Permissions
☐ Default ☒ Select all ☐ Reverse all

☒ List files ☒ Upload file ☒ Download file ☒ Create directory
☒ Sync folder ☒ Rename ☒ Delete ☒ Copy
☒ Move ☒ Share ☒ Invite

Statistics
Notifications
Settings
Site Design

File upload limit
☐ Allow upload new file

Max Upload Speed
Mbps

Max Download Speed
Mbps

Transfer file format
☐ Enable Whitelist

(Length is less than 255 characters)Please enter the file types that allows the user to upload and separated by semicolon, eg txt,exe;

File filter
☐ Prohibit setting file filter on the client
☐ Skip the following files during transfer
Support regular expressions, separated by semicolons;

☐ Skip files size over 1 MB when transferring

Notification Email
☒ Admin setting email ☐ User setting email

IP login whitelist
☐ Enable

Please enter allowed users' IP, separated by semicolon. Support enter continuous IP, eg 10.80.90[1-100]

Save

Function	Description
Full name	Account real name
Account	Cannot be modified after successful creation
Password	Support to be edited manually or automatically generated
Email	Support email login
Force users to change	After enabling, the user will be forced to change the initial password after

Function	Description
their password for the first time when they login in	logging in for the first time
Home Directory	Set the root directory for user
Virtual Directory	Support adding multiple virtual directories.After admin adding virtual directories, the user can view the directory after login. Virtual directory alias: based on a path in the user's home directory. Virtual directory path: a valid path based on virtual storage.
Forbidden Path	Set the forbidden access path. The user cannot display the file (folder) of this path after login
User Groups	One user can be added to multiple user groups at the same time
Permissions	File list, download, delete, rename, create folders, upload files, synchronize folders
File Upload Limit	The target file in the storage already exists, the user will fail to upload the same file after enabled.
Max Upload Speed	It is unlimited if set to 0
Max Download Speed	It is unlimited if set to 0
Transfer File Format	The transmission file format is divided into whitelist and blacklist. The whitelist is used to configure the file formats that the system allows to upload. The blacklist is used to configure the file format that the system does not allow to upload.
File Filter	1) Support prohibiting user setting file filter on the client. 2) Support skipping files with file names that meet certain conditions during transfer (support regular expressions). For example, if you want to filter files that start with test , input ^test.* 3) Support skipping files whose file size exceeds the set size during transmission.
Notification Email	Admin setting email: Sending share link notification will be from admin email User setting email: Sending share link notification will be from user email. User need to config email on web after user login.
IP Login Whitelist	Only IP addresses in the whitelist are allowed to login after enabled. supports continuous segments. For example, IP from 192.168.0.1 to 192.168.0.100, can be written as 192.168.0.[1-100].

2.9.1.2 Edit user

Select any user and click [Edit].

Users

Full Name

Account

Email

Status

All

Locked

All

Search

Add

Import LDAP/AD domain account

Delete

<input type="checkbox"/>	ID	Full Name	Account	Email	User Groups	Status	Space Occupation	Create time	Actions
<input type="checkbox"/>	32		Ray		Raysync test	Offline	0 B	2021-01-12 11:08:07	<div>EditUnLockDelete</div>

Raysync Enterprise
Admin Console

Server
Resource
App nodes
Storage
Transfer
General tasks
Point to point
Shares
Request files
Share files
Email setting
Users
Logs
Groups
Authentication
Statistics
Notifications
Settings
Site Design

Users > Edit User

Full Name
0-32 characters

Account
test

Password
Generate password

Email

☐ Force users to change password for the first time when they login

Home Directory
Default /home

Virtual directory
Add

Alias	Path
34	Default /opt
43242	obs test
bendi	Default /opt

Forbidden Path

User Groups
Add

groups: r3qr

Permissions
☐ Default ☒ Select all ☐ Reverse all

☒ List files
☒ Upload file
☒ Download file
☒ Create directory

☒ Sync folder
☒ Rename
☒ Delete
☒ Copy

☒ Move
☒ Share
☒ Invite

File upload limit
☒ Allow upload new file

Max Upload Speed
0 Mbps

Max Download Speed
0 Mbps

Transfer file format
☐ Enable Whitelist

Length is less than 255 characters>Please enter the file types that allows the user to upload and separated by semicolon, eg txt:exe:

File filter
☐ Prohibit setting file filter on the client
☐ Skip the following files during transfer

Support regular expressions, separated by semicolons:

☐ Skip files size over 1 MB when transferring

Notification Email
☒ Admin setting email ☐ User setting email

IP login whitelist
☐ Enable

Please enter allowed users' IP, separated by semicolon. Support enter continuous IP, eg 10.80.90[1-100]

Save

Click [Save].

2.9.1.3 Lock User

Users

Full Name

Account

Email

Status

All

Locked

All

Search

Add

Import LDAP/AD domain account

Delete

<input type="checkbox"/>	ID	Full Name	Account	Email	User Groups	Status	Space Occupation	Create time	Actions
<input type="checkbox"/>	32		Ray		Raysync test	Offline	0 B	2021-01-12 11:08:07	<div>EditLockedDelete</div>

2.9.1.4 Unlock User

Users

Full Name

Account

Email

Status

All

Locked

All

Search

Add

Import LDAP/AD domain account

Delete

<input type="checkbox"/>	ID	Full Name	Account	Email	User Groups	Status	Space Occupation	Create time	Actions
<input type="checkbox"/>	32		Ray		Raysync test	Offline	0 B	2021-01-12 11:08:07	Edit UnLock Delete

2.9.1.5 Import LDAL/AD domain account

Click [Import LDA[/AD domain account] to automatically import all domain user accounts created by the domain server after you have configure [LDAP/AD doman] in the [Third-party auth].

Users

Full Name

Account

Email

Status

All

Locked

All

Search

Add

Import LDAP/AD domain account

Delete

<input type="checkbox"/>	ID	Full Name	Account	Email	User Groups	Status	Space Occupation	Create time	Actions
<input type="checkbox"/>	32		Ray		Raysync test	Offline	0 B	2021-01-12 11:08:07	Edit UnLock Delete

2.9.1.6 Delete users

Click [Delete] button to delete users account.

Users

Full Name Account Email Status

All

 Locked

All

Search

Add

Import LDAP/AD domain account

Delete

<div><div></div></div>	ID <div></div>	Full Name	Account	Email	User Groups	Status	Space Occupation	Create time	Actions
<div><div></div></div>	32		Ray		Raysync test	<div>Offline</div>	0 B	2021-01-12 11:08:07	<div>Edit UnLock Delete</div>

2.9.1.7 Check user online status

You can check users online status.

Users

Full Name Account Email Status All Locked All Search

Add Import LDAP/AD domain account Delete

<input type="checkbox"/>	ID	Full Name	Account	Email	User Groups	Status	Space Occupation	Create time	Actions
<input type="checkbox"/>	8	Nina	Nina	com		Offline	18.72 MB	2020-09-04 09:52:33	Edit Locked Delete
<input type="checkbox"/>	6	Cynthia	cynthia		Project A	Offline	172.21 MB	2020-08-13 10:05:38	Edit Locked Delete
<input type="checkbox"/>	5	GC	cheng		Testing Group	Offline	0 B	2020-08-11 10:10:12	Edit Locked Delete
<input type="checkbox"/>	4	Angela	Angela	m	Project A Raysync test	Online	4.81 GB	2020-08-03 16:04:06	Edit Locked Delete
<input type="checkbox"/>	3	Chunxiao Wu	wuchunxiao		Project A	Offline	489.17 MB	2020-08-03 14:56:26	Edit Locked Delete
<input type="checkbox"/>	1		lou		Testing Group	Offline	32.31 MB	2020-07-30 20:22:51	Edit Locked Delete

Total 16, page 2/61210/page

Click status, it will show online statistics including IP addresses and clients connecting numbers.

Users

Full NameAccountEmailStatusAllLockedAllSearch

AddImport LDAP/AD domain accountDelete

<input type="checkbox"/>	ID	Full Name	Account	Email	User Groups	Status	Space Occupation	Create time	Actions
<input type="checkbox"/>	8	Nina	Nina	[REDACTED]@com		Offline	18.72 MB	2020-09-04 09:52:33	Edit Locked Delete
<input type="checkbox"/>	6	Cynthia	cynthia	[REDACTED]	Project A	Offline	172.21 MB	2020-08-13 10:05:38	Edit Locked Delete
<input type="checkbox"/>	5	GC	cheng		Testing Group	Offline	0 B	2020-08-11 10:10:12	Edit Locked Delete
<input type="checkbox"/>	4	Angela	Angela	[REDACTED]@m	Project A Raysync test	Online	4.81 GB	2020-08-03 16:04:06	Edit Locked Delete
<input type="checkbox"/>	3	Chunxiao Wu	wuchunxiao	[REDACTED]	Project A	Offline	489.17 MB	2020-08-03 14:56:26	Edit Locked Delete
<input type="checkbox"/>	1		lou		Testing Group	Offline	32.31 MB	2020-07-30 20:22:51	Edit Locked Delete

Total 16, page 2/61210/page

Online statistics	
IP	Connections
10.51.254.1	1
113.88.98.164	3
Close	

2.9.2 User space occupancy statistics

Support statistic on the occupancy of every user personal space. The admin management will count the user's space usage in real time when users perform operations such as uploading, copying, moving, creating, and deleting files.

Users									
Full Name		Account	Email		Status	All	Locked	All	Search
Add		Import LDAP/AD domain account		Delete					
<input type="checkbox"/>	ID	Full Name	Account	Email	User Groups	Status	Space Occupation	Create time	Actions
<input type="checkbox"/>	8	Nina	Nina	...		Offline	18.72 MB	2020-09-04 09:52:33	Edit Locked Delete
<input type="checkbox"/>	6	Cynthia	cynthia	...	Project A	Offline	172.21 MB	2020-08-13 10:05:38	Edit Locked Delete
<input type="checkbox"/>	5	GC	cheng		Testing Group	Offline	0 B	2020-08-11 10:10:12	Edit Locked Delete
<input type="checkbox"/>	4	Angela	Angela	...	Project A Raysync test	Online	4.81 GB	2020-08-03 16:04:06	Edit Locked Delete
<input type="checkbox"/>	3	Chunxiao Wu	wuchunxiao	...	Project A	Offline	489.17 MB	2020-08-03 14:56:26	Edit Locked Delete
<input type="checkbox"/>	1		lou		Testing Group	Offline	32.31 MB	2020-07-30 20:22:51	Edit Locked Delete
Total 16, page 2/6									

Click the user's space size, you can view the details of space occupation, including space usage , number of files, and number of folders.

Space occupancy details	
Space used:	4.81 GB/--
Number of files:	11759
Number of folders:	4019
Refresh	
Online	4.81 GB

2.9.3 User Operation Records

Enter to view the user operation records.

Raysync Enterprise Admin Console 中文 admin

Logs

[Download](#) [Download All](#)

<input type="checkbox"/>	File	Size	Operation time	Operation
<input type="checkbox"/>	optlog.log	6.40 KB	2021-01-12	Download
<input type="checkbox"/>	optlog.log.2020-12-09.zip	395 B	2020-12-09	Download
<input type="checkbox"/>	optlog.log.2020-12-10.zip	692 B	2020-12-10	Download
<input type="checkbox"/>	optlog.log.2020-12-11.zip	322 B	2020-12-11	Download
<input type="checkbox"/>	optlog.log.2020-12-12.zip	210 B	2020-12-12	Download
<input type="checkbox"/>	optlog.log.2020-12-13.zip	224 B	2020-12-13	Download
<input type="checkbox"/>	optlog.log.2020-12-14.zip	329 B	2020-12-14	Download
<input type="checkbox"/>	optlog.log.2020-12-15.zip	833 B	2020-12-15	Download
<input type="checkbox"/>	optlog.log.2020-12-16.zip	1.16 KB	2020-12-16	Download
<input type="checkbox"/>	optlog.log.2020-12-17.zip	475 B	2020-12-17	Download

Total 31, page 1/10 < 1 2 3 4 > 10/page

You can view the user's login,logout,file operations, user's log can be downloaded and viewed locally.

2.9.4 User Group

Admin can group users and configure independent storage space for each group. At the same time, it supports file operation permission management and transmission speed control of user group members.

Raysync Enterprise Admin Console 中文 admin

Groups

[Add Group](#) [Delete](#) [Search](#)

<input type="checkbox"/>	ID	Group Name	Permissions	Home Directory	Space Occupation	Speed Limit	Associated Users	Actions
<input type="checkbox"/>	1	Testing Group	List files; Download file; Delete; Rename; Sync folder; Create directory; Upload file;		43.07 MB	Upload: 0(Mbps) ; Download: 0(Mbps)	View	Edit Delete
<input type="checkbox"/>	2	Project A	List files; Download file; Delete; Rename; Sync folder; Create directory; Upload file;	/home/5041/RaySync/group/2	0 B	Upload: 0(Mbps) ; Download: 0(Mbps)	View	Edit Delete
<input type="checkbox"/>	3	Real-time cloud rendering	List files; Download file; Delete; Rename; Sync folder; Create directory; Upload file;		0 B	Upload: 0(Mbps) ; Download: 0(Mbps)	View	Edit Delete
<input type="checkbox"/>	4	Raysync test	List files; Download file; Delete; Rename; Sync folder; Create directory; Upload file;	Amazon S3: test/	3.03 GB	Upload: 0(Mbps) ; Download: 0(Mbps)	View	Edit Delete

Total 4, page 1/4 < 1 > 10/page

2.9.4.1 Add User Group

Click [Add Group] to add a new user group

Groups							
Add Group		Delete		<input type="text" value="Search group name"/>		Search	
<input type="checkbox"/> ID	Group Name	Permissions	Home Directory	Space Occupation	Speed Limit	Associated Users	Actions
<input type="checkbox"/> 1	Testing Group	List files; Download file; Delete; Rename; Sync folder; Create directory; Upload file;		43.07 MB	Upload: 0(Mbps) ; Download: 0(Mbps)	View	Edit Delete

Add Group

*Group name

Required

Home directory

local

Virtual directory

Add

Permissions

☐ Default
 ☒ Select all
 ☐ Reverse all

☒ List files
 ☒ Upload file
 ☒ Create directory
 ☒ Sync folder
 ☒ Download file
 ☒ Rename
 ☒ Delete

File upload limit

☐ Allow upload new file

Max upload speed

0 is not limited

Mbps

Max download speed

0 is not limited

Mbps

File filter

☐ Prohibit setting file filter on the client
 ☐ Skip the following files during transfer

Support regular expressions, separated by semicolons;

☐ Skip files size over

1

MB

when transferring

No

Yes

2.9.4.2 Edit User Group

User Management - User Group, select user group and [Edit]

Groups							
Add Group		Delete		<input type="text" value="Search group name"/>		Search	
<input type="checkbox"/> ID	Group Name	Permissions	Home Directory	Space Occupation	Speed Limit	Associated Users	Actions
<input type="checkbox"/> 1	Testing Group	List files; Download file; Delete; Rename; Sync folder; Create directory; Upload file;		43.07 MB	Upload: 0(Mbps) ; Download: 0(Mbps)	View	Edit Delete

Edit user group information

Edit Group

Group name

Testing Group

Home directory

bucket1

Virtual directory?

Add

Permissions

☐ Default
 ☒ Select all
 ☐ Reverse all

☒ List files
 ☒ Upload file
 ☒ Create directory
 ☒ Sync folder
 ☒ Download file
 ☒ Rename
 ☒ Delete

File upload limit?

☐ Allow upload new file

Max upload speed

0

Mbps

Max download speed

0

Mbps

File filter

☒ Prohibit setting file filter on the client
 ☒ Skip the following files during transfer

abc*

☒ Skip files size over

900

GB

when transferring

No

Yes

2.9.4.3 View User Group Members

Click [View] to list all users

Groups							
<div> <div>Add Group</div> <div>Delete</div> </div>		<div> <div>Search group name</div> <div>Search</div> </div>					
<input type="checkbox"/> ID	Group Name	Permissions	Home Directory	Space Occupation	Speed Limit	Associated Users	Actions
<input type="checkbox"/> 1	Testing Group	List files; Download file; Delete; Rename; Sync folder; Create directory; Upload file;		43.07 MB	Upload: 0(Mbps) ; Download: 0(Mbps)	View	Edit Delete

Associated User of Testing Group

Name/Account

All

Search

Associated users

Add users

Delete users

<input type="checkbox"/> Full Name	Account
<input type="checkbox"/>	lou
<input type="checkbox"/> GC	cheng

Cancel

OK

Website: www.raysync.io

Tel: +86 18681593969

Email: support@raysync.io

2.9.4.4 Add Users in User Group

Associated User of Testing Group

Name/Account: All

Associated users

<input type="checkbox"/>	Full Name	Account
<input type="checkbox"/>		lou
<input type="checkbox"/>	GC	cheng

Add users

Search full name, account

Full Name	Account	all
	Ray	
TRsync	TRsync	
	Sam	
	Raysync	
Tian 10	tyl10	
limeng	test20201022	
Strong Lee	limeng	
Xin	Xin	

Selected(0)

Full Name	Account	Clear
-----------	---------	-------

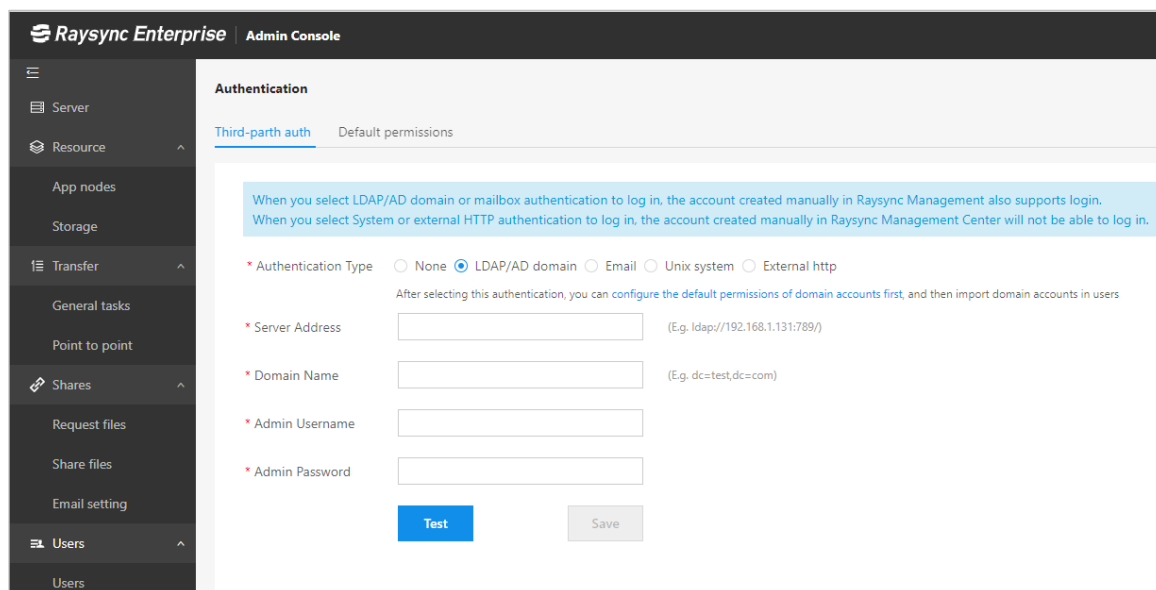
2.9.4.5 Delete Users in User Group

Associated User of Testing Group

Name/Account: All

Associated users

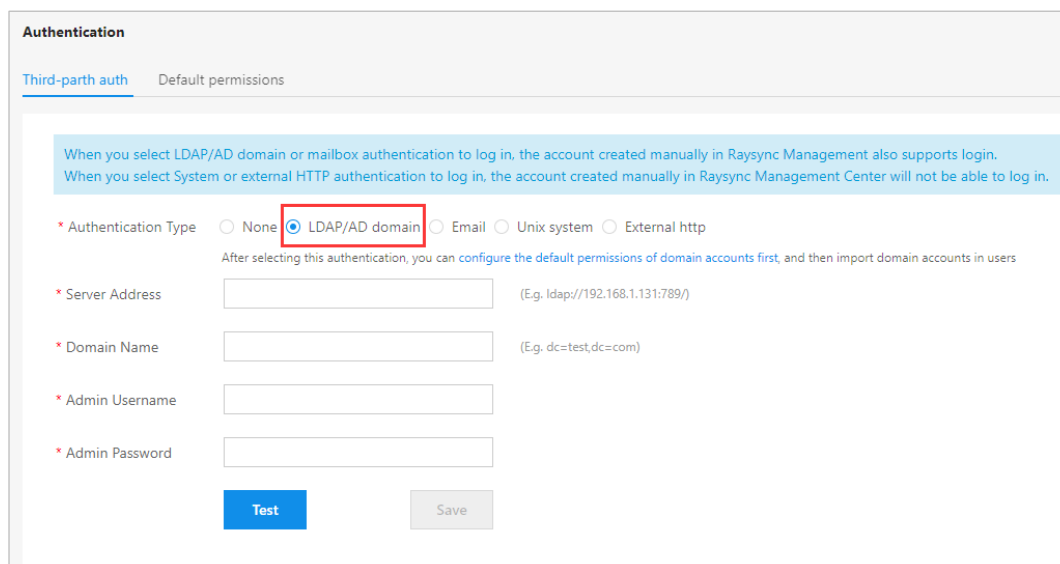
<input type="checkbox"/>	Full Name	Account
<input checked="" type="checkbox"/>		lou
<input type="checkbox"/>	GC	cheng



2.9.5.1 LDAP/AD Settings

Configuring AD domain is supported to provide better import user operations for enterprise users. Fill in the correct domain server address / domain name / domain administrator account / domain administrator password, and click [test]. Test pass indicates that the information is filled in correctly.

Click [Save] to make domain keep authentication



2.9.5.2 Email Authentication

Fill in the correct SMTP Host, SMTP port, encryption method used, test account and password, and click [test]. Test pass indicates that the information is filled in correctly. Click [Save] to take effect.

Authentication

Third-parth auth
Default permissions

When you select LDAP/AD domain or mailbox authentication to log in, the account created manually in Raysync Management also supports login.
When you select System or external HTTP authentication to log in, the account created manually in Raysync Management Center will not be able to log in.

* Authentication Type ☐ None ☐ LDAP/AD domain ☒ Email ☐ Unix system ☐ External http

Support configure the default permissions of the account. After account login, you can change the permissions of a single account.

* Email Provider

* SMTP Host

* SMTP Port

* Encryption

* Test Account

* Test Password

Test
Save

2.9.5.3 Unix System Authentication

The raysync service started with root permission or sudo permission of the Linux system supports configuration of user authentication of the Linux system.

Select [Unix system], click [Save].

After the configuration is successful, you can directly use the linux system user account and password to log in to the raysync speed service.

Tip: If it is a raysync service started by ordinary linux system users, there is no authority to perform this configuration.

Authentication

Third-parth auth
Default permissions

When you select LDAP/AD domain or mailbox authentication to log in, the account created manually in Raysync Management also supports login.
When you select System or external HTTP authentication to log in, the account created manually in Raysync Management Center will not be able to log in.

* Authentication Type ☐ None ☐ LDAP/AD domain ☐ Email ☒ Unix system ☐ External http

Support configure the default permissions of the account.

Save

2.9.5.4 External Http Authentication

Select [External http], enter the correct service URL, and click Save.

After the configuration is successful, you can directly use the user account and password of the

configured external http service system to log in.

Authentication

Third-party auth

Default permissions

When you select LDAP/AD domain or mailbox authentication to log in, the account created manually in Raysync Management also supports login.
When you select System or external HTTP authentication to log in, the account created manually in Raysync Management Center will not be able to log in.

* Authentication Type

☐ None
☐ LDAP/AD domain
☐ Email
☐ Unix system
☒ External http

Support configure the default permissions of the account.

* Service URL

(E.g. http://127.0.0.1:8090/raysync/api/thirdpart/auth/)

Save

2.9.5.5 Default Permissions

After config authentication, admin can set default permissions for the users.

Tips: LDAP / ad domain & mailbox authentication: this page configuration is only valid for the newly logged in accounts in these two authentication methods. The configuration of the logged in account can be modified through the account information list.

System & external HTTP authentication: accounts logged in through these two authentication methods will not generate account list in account information, so if you need to change account configuration, edit this page.

Server

Resource

App nodes

Storage

Transfer

General tasks

Point to point

Shares

Request files

Share files

Email setting

Users

Users

Logs

Groups

Authentication

Statistics

Notifications

Settings

Site Design

Authentication

Third-party auth

Default permissions

LDAP / ad domain & mailbox authentication: this page configuration is only valid for the newly logged in accounts in these two authentication methods.
System & external HTTP authentication: accounts logged in through these two authentication methods will not generate account list in account information.

Authentication mode

External http

Permissions

☐ Default
☐ Select all
☐ Reverse all

☐ List files
☒ Upload file
☒ Download file
☒ Create directory

☒ Sync folder
☒ Rename
☒ Delete
☒ Copy

☒ Move
☒ Share
☒ Invite

File upload limit

☐ Allow upload new file

Max Upload Speed

0

Mbps

Max Download Speed

0

Mbps

Transfer file format

☐ Enable

(Length is less than 255 characters)Please enter the file types that allows the user to upload and separated by semicolon, eg txt,exe.

File filter

☐ Prohibit setting file filter on the client
☐ Skip the following files during transfer

Support regular expressions, separated by semicolons:

☐ Skip files size over 0 MB when transferring

Save

Website: www.raysync.io

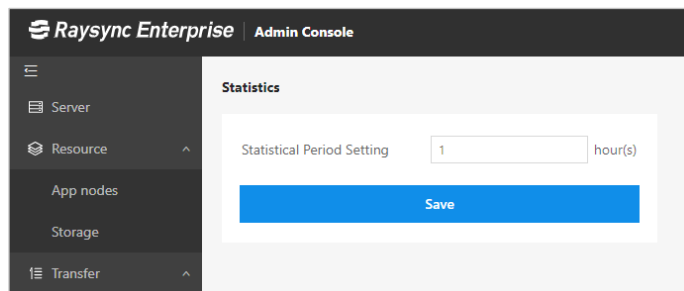
Tel: +86 18681593969

Email: support@raysync.io

2.9.6 Space Statistics

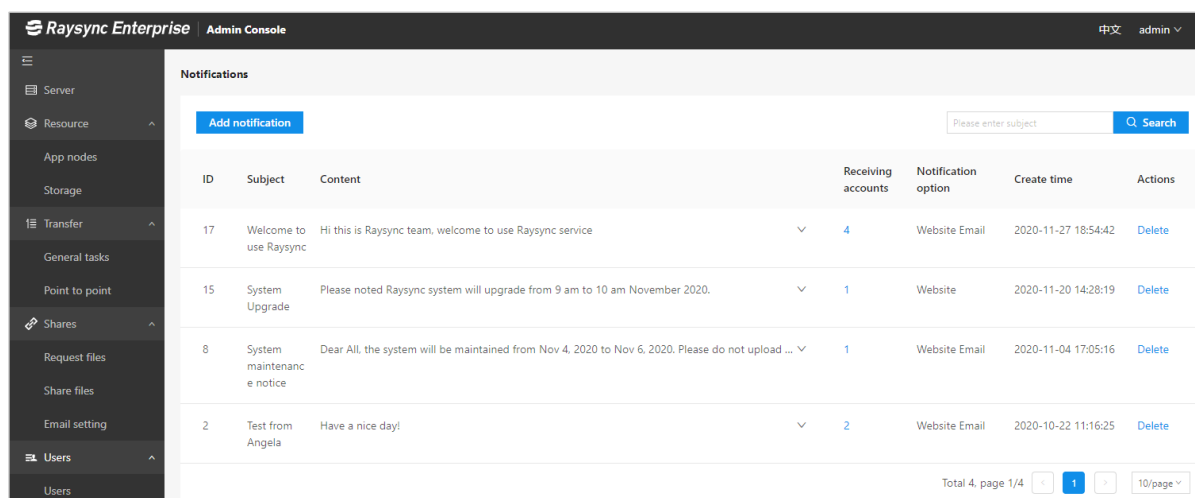
Support configuration space statistics period.

If configured to 1 hour, the system will automatically count the space occupied by users and user groups every 1 hour.



2.9.7 Send Notification

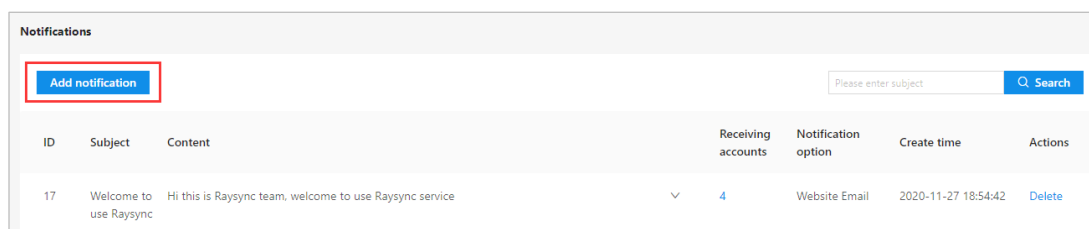
Administrators can choose specified accounts to send notifications with web notification and email notification.



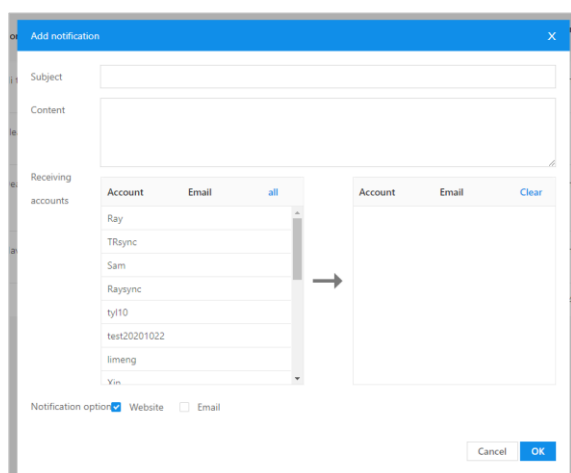
2.9.7.1 Add Notification

Click [Add notification].

Tips: The administrator needs to set the mailbox configuration before using this function.



Input [subject], [content], receiving account and notification option.



The 'Add notification' dialog box contains the following fields and options:

- Subject:** A text input field.
- Content:** A larger text area for the notification content.
- Receiving accounts:** A section with two columns: 'Account' and 'Email'. The 'Account' column has a list of accounts: Ray, TRsync, Sam, Raysync, ty10, test20201022, limeng, and Yin. An arrow points from this list to the 'Email' column, which is currently empty.
- Notification option:** Two checkboxes: 'Website' (checked) and 'Email' (unchecked).
- Buttons:** 'Cancel' and 'OK' buttons at the bottom right.

2.9.7.2 Delete Notification

Select notifications, click [Delete].

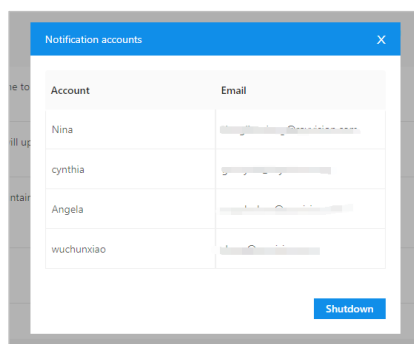
Notifications						
Add notification		Please enter subject		Search		
ID	Subject	Content		Receiving accounts	Notification option	Create time
17	Welcome to use Raysync	Hi this is Raysync team, welcome to use Raysync service	▼	4	Website Email	2020-11-27 18:54:42
						Delete

2.9.7.3 View Receiving Accounts

Click numbers.

Notifications						
Add notification		Please enter subject		Search		
ID	Subject	Content		Receiving accounts	Notification option	Create time
17	Welcome to use Raysync	Hi this is Raysync team, welcome to use Raysync service	▼	4	Website Email	2020-11-27 18:54:42
						Delete

The system will display the account and email information of the user who received the notification.



The 'Notification accounts' dialog box displays a table of accounts and their email addresses:

Account	Email
Nina	[Redacted]
cynthia	[Redacted]
Angela	[Redacted]
wuchunxiao	[Redacted]

A 'Shutdown' button is located at the bottom right of the dialog.

2.10 Settings

2.10.1 TLS Certificate

Raysync provides encrypted certificate services that can be used for both http encryption on the web and file transmission encryption. The default is to use the encryption certificate that comes with Raysync. You can also use the user's own certificate for encryption.

Fill in the correct certificate file and certificate private key and click [OK], the configuration will take effect after the server is restarted.


* SSL Pem

Please copy and paste PEM code here

* SSL Key

Please copy the key code and paste here

You can view the validity period and domain name information of the uploaded certificate after successfully uploading the TLS certificate.

 Admin Console

Server

Resource

App nodes

Storage

Transfer

General tasks

Point to point

Shares

TLS certificate

Certificate validity

2020-12-18

2021-12-18

Domain Name

*.raysync.cn

Upload again

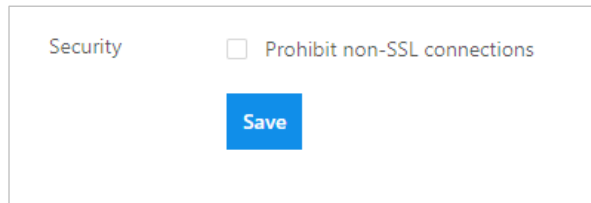
Security

☐ Prohibit non-SSL connections

Save

Security

Enable Prohibit non-SSL connection, the front user page cannot be accessed using https://certificate domain name:8091.



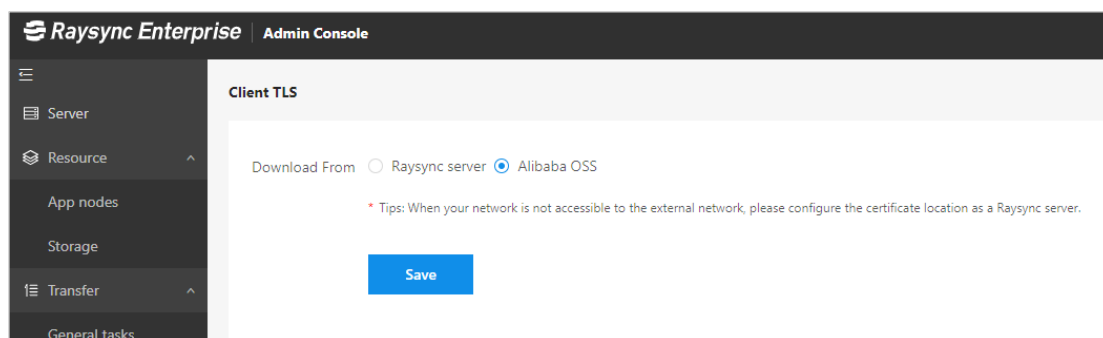
Security ☐ Prohibit non-SSL connections

Save

2.10.2 Client TLS

Raysync client certificate supports two ways to obtain:

One is to obtain the latest certificate from Alibaba Cloud oss. The default choice is to obtain the latest certificate from Alibaba Cloud Storage OSS. When the oss certificate is updated, Raysync will automatically download the latest client certificate from the oss storage.



Raysync Enterprise Admin Console

Client TLS

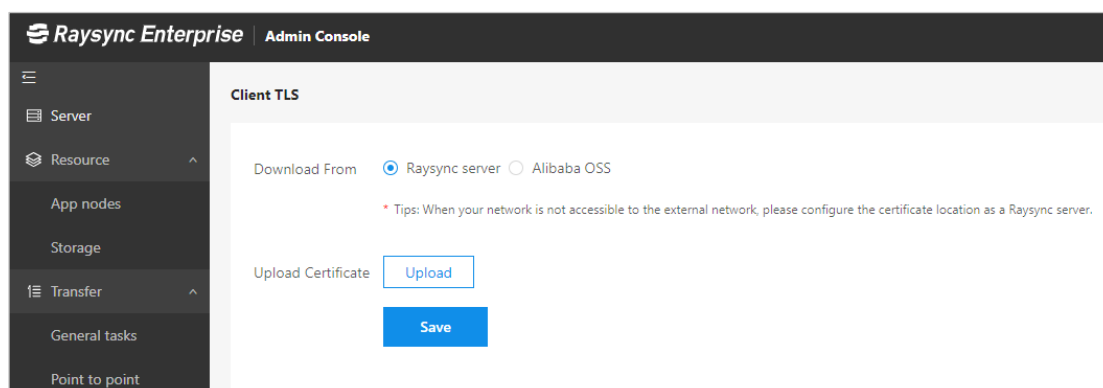
Download From ☐ Raysync server ☒ Alibaba OSS

* Tips: When your network is not accessible to the external network, please configure the certificate location as a Raysync server.

Save

The second is downloaded from the Raysync server. When your network cannot access the external network, please configure the certificate location as a Raysync server.

Click to upload the latest certificate package, the certificate package is provided by the Raysync staff. After uploading the certificate, click Save. You can download the client certificate by logging in to the client again on the web.



Raysync Enterprise Admin Console

Client TLS

Download From ☒ Raysync server ☐ Alibaba OSS

* Tips: When your network is not accessible to the external network, please configure the certificate location as a Raysync server.

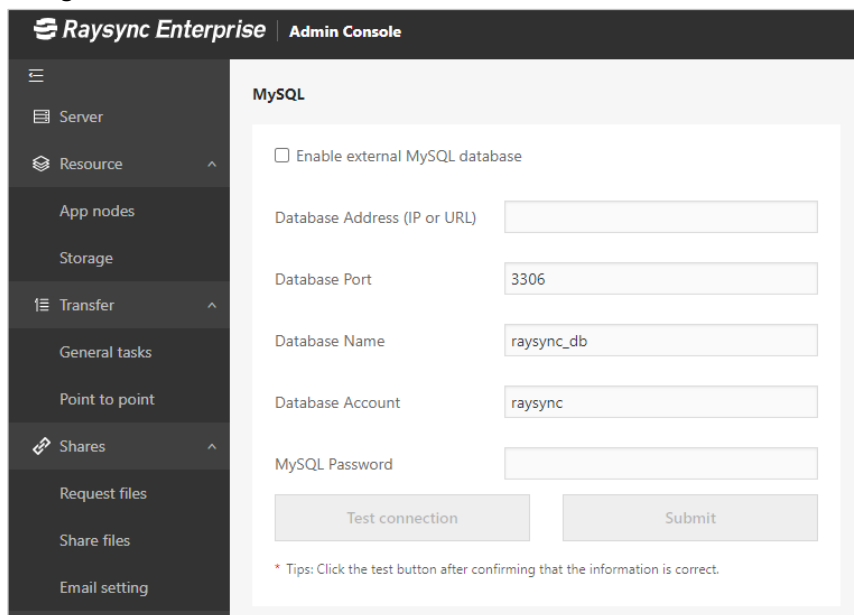
Upload Certificate

Save

2.10.3 MySQL Configuration

Raysync supports external MySQL databases to provide administrators with a more flexible database configuration method.

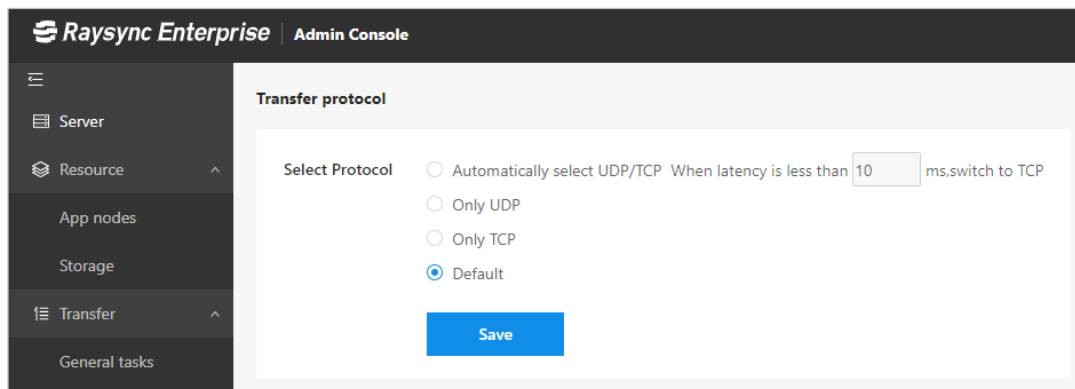
Fill in the correct external database configuration, such as address / port / data account and password. Click [Test], if the test connection is passed, click [OK] to enable the external database, the background configuration information will be saved in the database.



The screenshot shows the 'MySQL' configuration page in the 'Raysync Enterprise Admin Console'. The left sidebar contains a menu with options: Server, Resource, App nodes, Storage, Transfer, General tasks, Point to point, Shares, Request files, Share files, and Email setting. The main content area is titled 'MySQL' and includes a checkbox 'Enable external MySQL database'. Below this are input fields for 'Database Address (IP or URL)', 'Database Port' (set to 3306), 'Database Name' (set to raysync_db), 'Database Account' (set to raysync), and 'MySQL Password'. There are 'Test connection' and 'Submit' buttons. A tip at the bottom states: '* Tips: Click the test button after confirming that the information is correct.'

2.10.4 Transmission protocol

Raysync provides four kinds of transmission protocol configuration

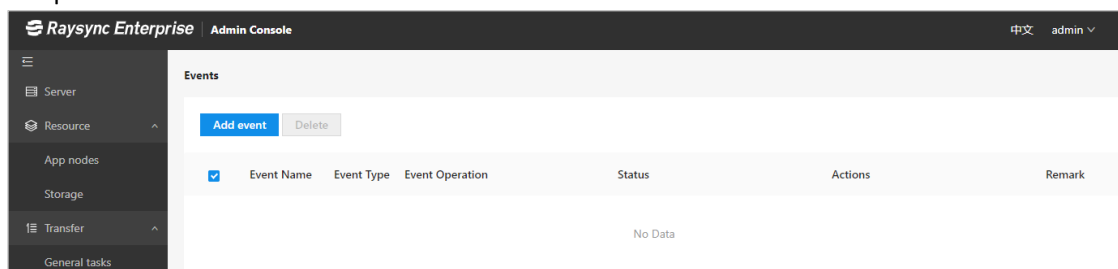


The screenshot shows the 'Transfer protocol' configuration page in the 'Raysync Enterprise Admin Console'. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Transfer protocol' and includes a 'Select Protocol' section with four radio button options: 'Automatically select UDP/TCP. When latency is less than 10 ms, switch to TCP', 'Only UDP', 'Only TCP', and 'Default' (which is selected). There is a 'Save' button at the bottom.

- 1) Automatically select UDP/TCP: set to automatically switch to TCP transmission when the transmission latency is less than 10ms.
- 2) Only UDP: only use UDP mode for transmission tasks
- 3) Only TCP: only use TCP mode for transmission tasks
- 4) Default: UDP transmission is preferred by default, and it will automatically switch to TCP transmission when UDP transmission is interrupted.

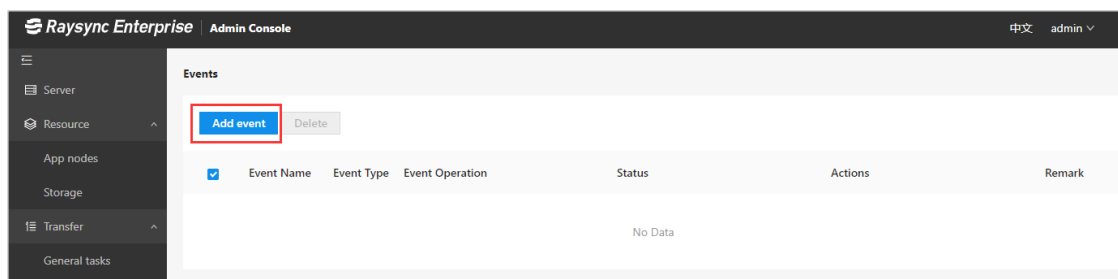
2.10.5 Event Notification

After configuring event notification, the program you configured will be executed when the event is completed.



2.10.5.1 Add Event

Click [Add Event]

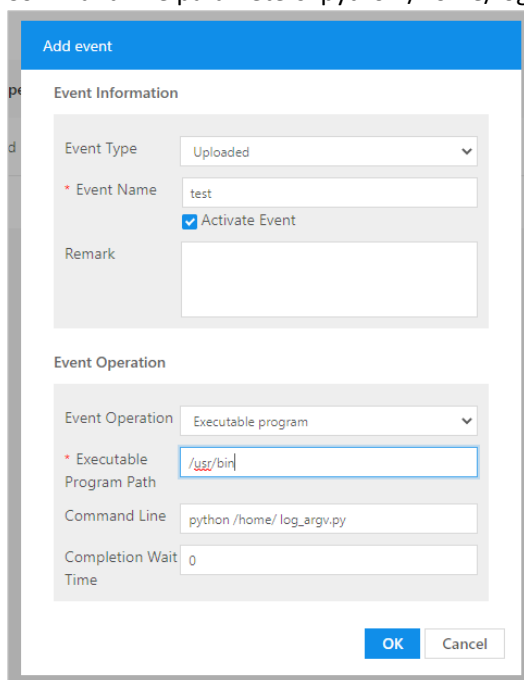


Fill in event info.

For example: Create an event to execute 'python /home/log_argv.py' after uploading the file.

Executable path: /usr/bin

Command line parameters: python /home/log_argv.py



2.11.6.3 Log File Location

For the log file storage location, enter the path to be configured.

For example, when the load balancing is performed, you can configure the log address as a shared path.

The master and backup servers can read log files in the same address. After saving, please return back to menu[server], and restart server to take effect.

Log	Log storage path: (Note: Please restart the server to refresh this modification)
	<input type="text" value="/home/log"/>
	Save cycle: (Note: Please restart the server to refresh this modification)
	Transfer log <input type="text" value="30"/> day(s)
	Operation log <input type="text" value="30"/> day(s)

2.11.6.4 Log File Save Period

The period of the transmission log and user operation log can be configured, and the default is 30 days.

After saving, please return back to menu[server], and restart server to take effect.

Log	Log storage path: (Note: Please restart the server to refresh this modification)
	<input type="text" value="/home/log"/>
	Save cycle: (Note: Please restart the server to refresh this modification)
	Transfer log <input type="text" value="30"/> day(s)
	Operation log <input type="text" value="30"/> day(s)

2.11.6.5 Close File

After enable this function, the operation of closing file will be executed in the backend when the file upload is complete.

After saving, please return back to menu[server], and restart server to take effect.

Close File	<input checked="" type="checkbox"/> Enable asynchronous close (Note: Please restart the server to refresh this modification)
------------	--

2.11.6.6 Synchronize File

After enable this function, the user will show the function of creating a new synchronization task directory after login.

Sync	<input checked="" type="checkbox"/> Enable
------	--

2.11.6.7 Event Notifications

Support disable and enable event notification function. After disabled, admin portal will no longer perform the event notification function.

Event notifications ☒ Enable (Note: Please restart the server to refresh this modification)

2.11.6.8 User Group Space Statistics

Support disable and enable user group space statistics. After isabled, the user group space size will no longer be counted.

Group space statistics ☒ Enable (Note: Please restart the server to refresh this modification)

2.11.6.9 User Space Statistics

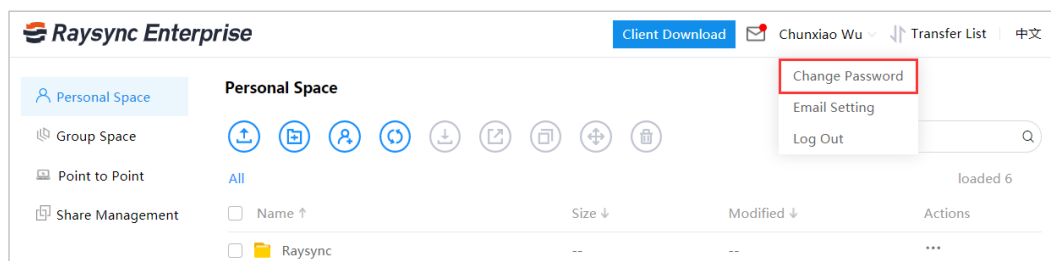
Support disable and enable user space statistics. After isabled, the user space size will no longer be counted.

User space statistics ☒ Enable (Note: Please restart the server to refresh this modification)

2.11.6.10 Allow user to Modify password

Support admin to configure whether to allow users to modify the password .After enabled, and the user portal will display the [Change Password] button.

Modify Password ☐ Enable



2.11.6.11 Support Multiple IP Address

Supports multiple IP addresses. When the server has multiple IP addresses, you can enable this function, and the user can access through any IP of the server.

Server IP ☐ Support multiple IP addresses (Note: Please restart the server to refresh this modification)

2.11.6.12 Process Number

Support to configure the number of server 'raysync -s' processes. The default number of processes is

server (CPU cores-2)/2, which is at least 1.

Process Num	<input checked="" type="checkbox"/> Enable (Note: Please restart the server to refresh this modification)
	<input type="text" value="1"/>

2.11.6.13 TCP File Size

After user logs in, the files which size is smaller than the setting size can be uploaded and downloaded without the client.

TCP File Size	<input type="text" value="10"/>	MB (When the file size uploaded or downloaded exceeds the value, it will prompt to download the client)
---------------	---------------------------------	---

2.11.6.14 Lock Account

The user password can be configured to lock the account after X consecutive wrong attempts within X minutes.

Security	Lock account:
	Account will be locked if the user enter password incorrectly for <input type="text" value="5"/> times in <input type="text" value="3"/> minutes
	Weak password:
	<div>Please enter the letters that are not allowed to be set, and use semicolon ';' for different letter to separate. Such as Raysync123;Raysync.</div>
	transfer file format limit:
	<input type="checkbox"/> Enable <input type="text" value="Whitelist"/>
	<div>(Length is less than 255 characters)Please enter the file types that allows the user to upload and separated by semicolon, eg txt;exe;</div>

2.11.6.15 Weak Password Setting

Support to set passwords that do not allow users to set. Use multiple passwords to separate with ";" such as [Raysync; raysync].

Security	Lock account:
	Account will be locked if the user enter password incorrectly for <input type="text" value="5"/> times in <input type="text" value="3"/> minutes
	Weak password:
	<div>Please enter the letters that are not allowed to be set, and use semicolon ';' for different letter to separate. Such as Raysync123;Raysync.</div>
	transfer file format limit:
	<input type="checkbox"/> Enable <input type="text" value="Whitelist"/>
	<div>(Length is less than 255 characters)Please enter the file types that allows the user to upload and separated by semicolon, eg txt;exe;</div>

2.11.6.16 Transfer File Format Limit

Admin can select whitelist or blacklist for the transmission file format. The whitelist is used to configure the file formats that the system allows to upload. The blacklist is used to configure the file format that the system does not allow to upload.

Security

Lock account:

Account will be locked if the user enter password incorrectly for times in minutes

Weak password:

Please enter the letters that are not allowed to be set, and use semicolon ';' for different letter to separate. Such as Raysync123;Raysync.

transfer file format limit:

☐ Enable

Whitelist

(Length is less than 255 characters)Please enter the file types that allows the user to upload and separated by semicolon, eg txt;exe;

2.12 Modify Administrator Information

Support modify admin account and password.

Raysync Enterprise
Admin Console

中文 admin ^

Server

User Connections

Online Users: 2, Client Connections: 2

Storage Status

79.02% Free, 20.9% Used

Account Settings

Log Out

Raysync Enterprise
Admin Console

Account Settings

Account: admin

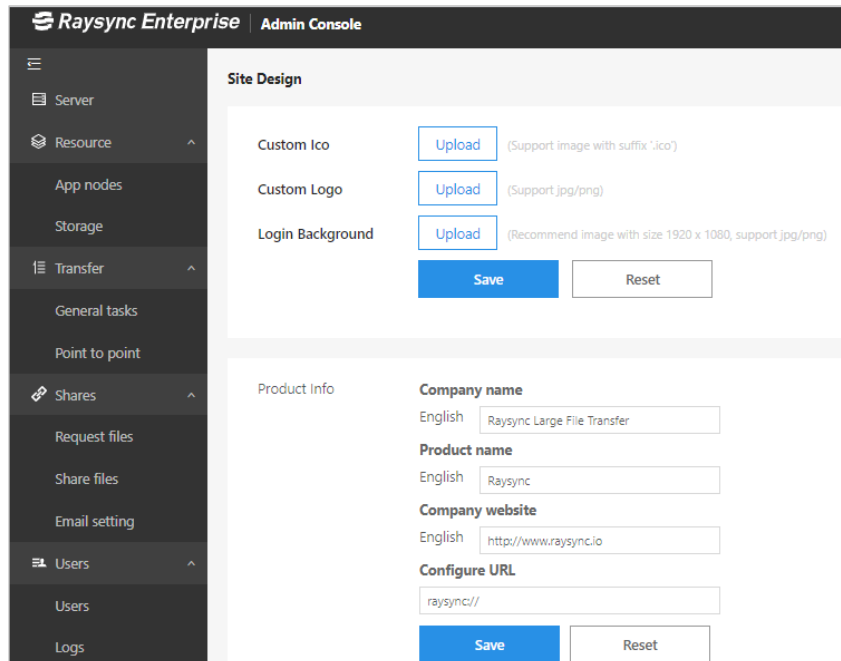
Current Password:

New Password:

Confirm New Password:

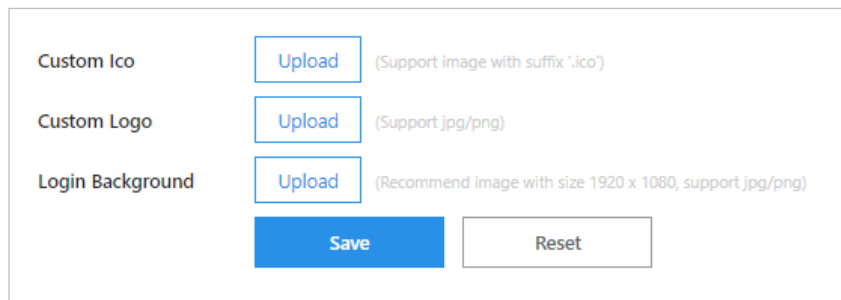
Save

2.13 Site Design

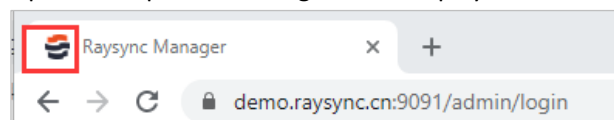


2.13.1 Customized ico,logo,background Image

Support customize browser ico, logo, and background image of user portal login page.



Tips: After upload ico image, it will display in the browser address bar of the user portal.



2.13.2 Customized Produc Info

Support customize company name/product name/company website/URL.

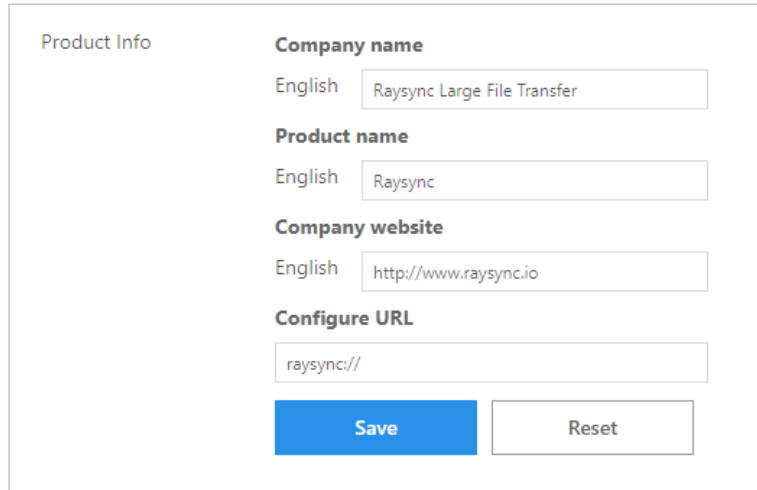
Company name: It will show on the bottom corner of the admin console page and email notification(share download/invite upload and other emails).

Product name: It will show on the user login page and email notification(share download/invite upload

and other emails).

Company website: The web page will jump to the website after click the company name on the bottom corner of the admin console page or access the sharing page.

Company URL: It's used to enable the front-end user page to start the Raysync software client. (You need to modify the URL only when you customize the client. Under normal circumstances, please do not modify the configuration URL, otherwise it will affect your normal use. If you need to customize the client, please contact the staff).



The screenshot shows a 'Product Info' configuration form. It contains four input fields, each with a label and a language dropdown set to 'English':
1. 'Company name' with the value 'Raysync Large File Transfer'.
2. 'Product name' with the value 'Raysync'.
3. 'Company website' with the value 'http://www.raysync.io'.
4. 'Configure URL' with the value 'raysync://'.
At the bottom of the form are two buttons: a blue 'Save' button and a white 'Reset' button.

3. Frequently Asked Questions Q&A

3.1 The website cannot connect RaySync, indicating that it is not started.

1. Check if RaySync has been started and the icon in the lower right corner has appeared. Click [Start] on the webpage;
2. It is possible that the user registry cannot be written normally whether Raysync is not started under the protection of software such as 360/ Kingsoft AntiVirus software, resulting in the inability to start from the web page. Meanwhile, RaySync needs to be run manually.

3. Right click the Raysync icon and select Error Detection to check whether the local domain name resolution, system time, system agent and certificate are in "normal" status whether Raysync has been started and still "Prompt that the client has not been started". The browser may have turned on the proxy whether the system proxy displays an exception, and the Raysync client needs to be turned off before starting. If the certificate is abnormal, it needs to be confirmed whether the version of Raysync client is the latest version and whether the certificate has expired.

3.2 Web Page Prompt Server Connection Timeout

Client Check:

Right click the Raysync icon and select [Error Detection] to check whether the "server domain name" and "server address" are correct server addresses. You can ping the resolved addresses under the cmd command line to see whether they are connected.

Server Check:

The server checks whether the user's permission/home directory and other information have been changed and needs to restart the client.

3.3 Client Login Timeout

Try to right click the client to modify the UDP message size in Raysync setting to a smaller value.

3.4 There is a gap between the speed of uploading and downloading and the expectation

Client Check:

Test the bandwidth of the external network. The speed test is recommended to detect the local upload and download bandwidth and check whether the speed has reached the speed bandwidth limit.

Confirm whether the telecom operator of the client is consistent with the telecom operator of the server;

Server Check:

1. Enter the background of the corresponding server to check if the license is activated and whether the bandwidth in the license information is the expected bandwidth;
2. Check the current network traffic in the server to confirm if there are more users and other users have already occupied the bandwidth of the server;
3. Check whether the disk read-write rate of the server has reached the peak value, and confirm if other users of the server are reading and writing files, thus affecting the file read-write storage of other users;

3.5 Download Path, Select the network path, and the downloaded file cannot be found under the path

Map the path to the network disk; delete the old task, download and select the saved path to the network disk again;

3.6 Upload/Download Files Always Display "Reading Files"

Client check:

1. Check whether the directory the user is transferring contains a large number of files. Whether there are a large number of files, it needs to wait for the client to read them.
2. Right click customers to set RaySync timeout time to 60s or longer, delete old tasks and reselect tasks for transmission;

Server check:

Check the reading performance of the directory under the server, for example: enter the server directory to execute ls to respond quickly, and execute du-a | wc-l to count the total number of files under the directory.