
RPAC User Manual

SSH Connection and Instructions

Chapter 1 SSH Connection and Instructions

1.1 SSH Connection

This section demonstrates SSH connection and file transfer using the built-in Windows SSH & SCP programs.

To connect using SSH & SCP, you must first add your local IP address to the whitelist on the RPAC device's web interface.

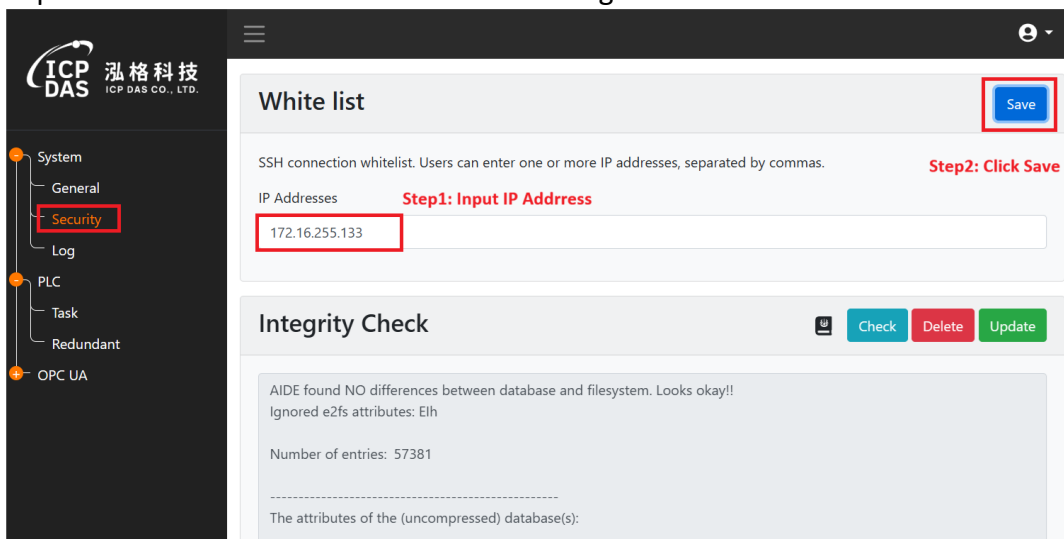
In this example, the RPAC device IP is 172.16.255.221, and the Windows PC IP is 172.16.255.133. Users can adjust the IP settings according to their actual situation.

1. Add your Windows PC IP to the whitelist

First, log in to the webpage and open System->Security.

Step 1: Enter your Windows PC IP.

Step 2: Click the Save button to save the settings.



2. Configure the SSH key.

Copy the private key (id_rsa) to the C:\Users\<username>\.ssh\ directory.

3. Connect

Open the command prompt and execute the connection command =>

ssh username@deviceIP

For example: ssh ubuntu@172.16.255.221

The following screen will appear upon successful connection.

```
命令提示字元 - ssh ubuntu@1 x + v
C:\Users\Raiden>ssh ubuntu@172.16.255.221
Last login: Mon May 18 15:43:22 2026 from 172.16.255.133
ubuntu@RPAC-2858M:~$ |
```

Type "exit" to close the connection.

```
命令提示字元 x + v
ubuntu@RPAC-2858M:~$ exit
logout
Connection to 172.16.255.221 closed.
C:\Users\Raiden>
```

4. SCP File Transfer

File transfer command =>

scp source_file destination_file

Example 1: Transfer the file /home/ubuntu/usr_exec.sh on the RPAC to the file usr_exec.sh on the PC, the command is as follows =>

scp ubuntu@172.16.255.221:/home/ubuntu/usr_exec.sh usr_exec.sh

```
命令提示字元 x + v - □ x
C:\Users\Raiden>scp ubuntu@172.16.255.221:/home/ubuntu/usr_exec.sh usr_exec.sh
usr_exec.sh 100% 131 25.6KB/s 00:00
C:\Users\Raiden>
```

Example 2: Transfer the usr_exec.sh file from the PC to the /home/ubuntu/usr_exec.sh file on the RPAC using the following command =>

scp usr_exec.sh ubuntu@172.16.255.221:/home/ubuntu/usr_exec.sh

```
命令提示字元 x + v - □ x
C:\Users\Raiden>scp usr_exec.sh ubuntu@172.16.255.221:/home/ubuntu/usr_exec.sh
usr_exec.sh 100% 131 32.0KB/s 00:00
C:\Users\Raiden>
```