



# How to Set Up a Hot Spare Scenario

Quick Start Guide

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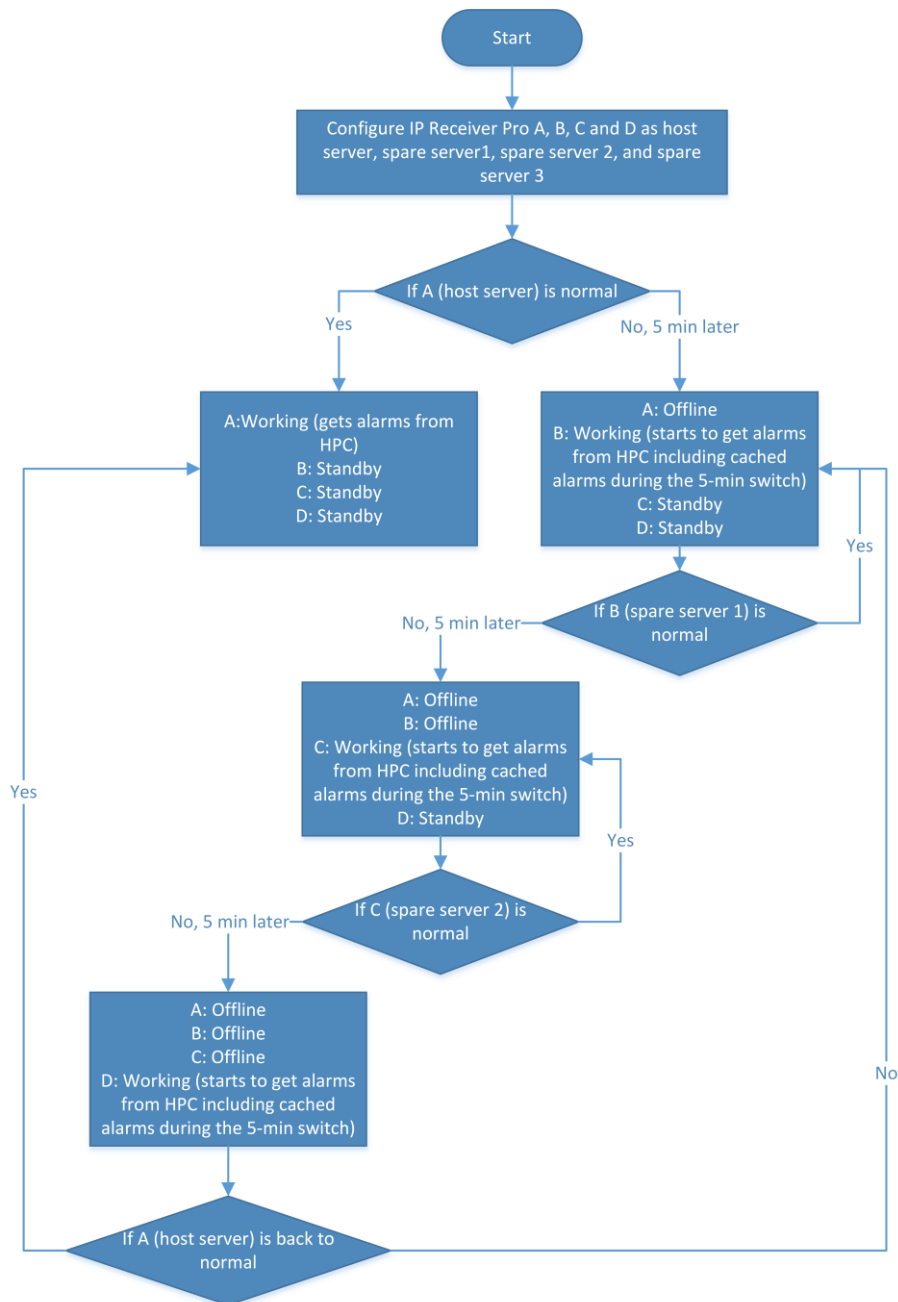
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# Chapter 1 Overview

This document is about how to set up a hot spare scenario and operate for Hik IP Receiver Pro V1.4.0. The hot spare solution is to connect up to four IP Receiver Pros with a Hik-ProConnect account, so that information including devices, partitions (areas), and events can be saved on the cloud. In this way, if a certain IP Receiver Pro crashes, the information on another Hik IP Receiver Pro will be synchronized with that saved on Hik-ProConnect. The major steps are displayed as follows.



## Chapter 2 Configure Hot Spare Settings

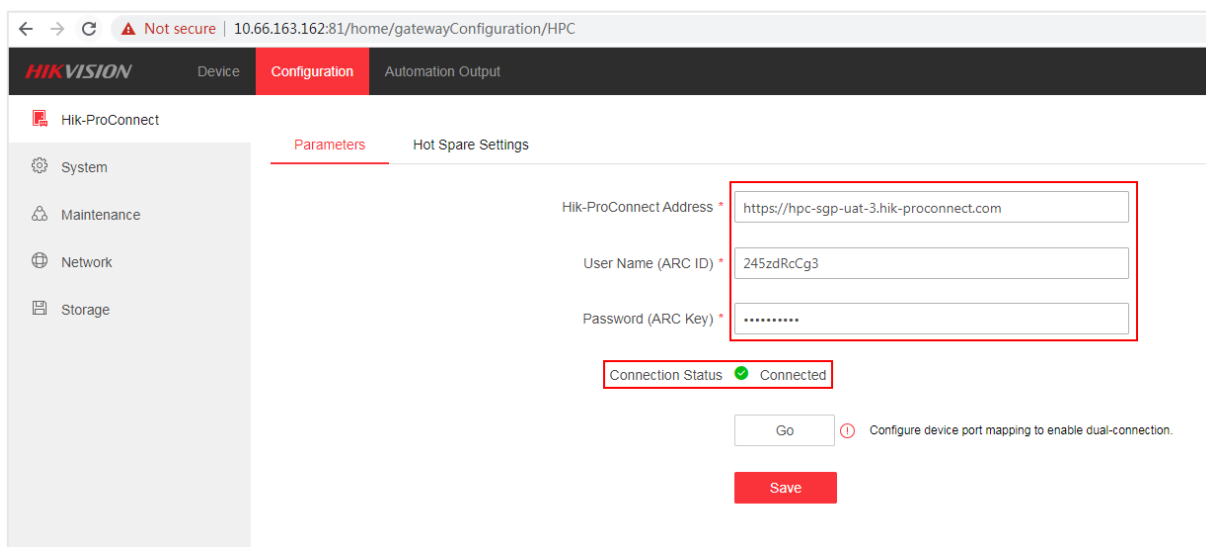
This chapter describes the preparation required for setting up a hot spare environment and the steps to configure hot spare settings. You can configure each IP Receiver Pro respectively and connect all of them with the same Hik-ProConnect account.

### 2.1 Before You Start

The hot spare service supports up to four IP Receiver Pros. Each IP Receiver Pro is installed on a different PC, but each IP Receiver Pro needs to be set with the same Hik-ProConnect Address, ARC ID and ARC Key on the Hik-ProConnect page and connect to the ARC (the ARC1, the ARC2, the ARC3, and the ARC4).

For example, the 4 IP Receiver Pros' addresses are as follows: <http://10.66.163.162:81/>, <http://10.66.163.164/>, <http://10.66.163.175/>, <http://172.7.12.186/>. They are all connected to the ARC using the SIA-DCS protocol and their connection status is Connected. As shown in the figure below.

1. 10.66.163.162:



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The screenshot shows the Hikvision web interface for Protocol Management. The browser address bar indicates the URL is 10.66.163.162:81/home/protocolManagement/surGard. The navigation menu includes Device, Configuration, and Automation Output. The left sidebar shows Protocol, Event Monitor, and Event. The main configuration area is for a protocol, with the following settings:

- Enable:
- \* Protocol Type: SIA-DCS
- \* IP Address: 10.66.163.162
- \* Port: 1025
- \* Receiver Number: 0  Enable
- \* Line Card Number: 0
- Enable Video Verification:
- \* Response Timeout Period: 20 s
- \* Attempts: 3
- Enable Hik IP Receiver Pro Heartbeat:
- \* Hik IP Receiver Pro Heartbeat Interval: 30 s
- \* Device Heartbeat Interval: 30 s

At the bottom, the Connection Status is shown as **Connected** with a green checkmark. A red box highlights the IP Address and Port fields, and another red box highlights the Connection Status. A Save button is located at the bottom right.

### 2. 10.66.163.164:

The screenshot shows the Hikvision web interface for Hik-ProConnect configuration. The browser address bar indicates the URL is 10.66.163.164/home/gatewayConfiguration/HPC. The navigation menu includes Device, Configuration, and Automation Output. The left sidebar shows Hik-ProConnect, System, Maintenance, Network, and Storage. The main configuration area is for Hik-ProConnect, with the following settings:

- Hik-ProConnect Address: https://hpc-sgp-uat-3.hik-proconnect.com
- User Name (ARC ID): 245zdRcCg3
- Password (ARC Key): .....

At the bottom, the Connection Status is shown as **Connected** with a green checkmark. A red box highlights the Hik-ProConnect Address, User Name, and Password fields, and another red box highlights the Connection Status. A Go button and a Save button are located at the bottom right. A note next to the Go button reads: "Configure device port mapping to enable dual-connection."

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← → ↻ ⚠ Not secure | 10.66.163.164/home/protocolManagement/surGard

**HIKVISION** Device Configuration **Automation Output**

Protocol

- Event Monitor
- Event

Enable

\* Protocol Type SIA-DCS

\* IP Address 10.66.163.164

\* Port 1025

\* Receiver Number 0  Enable

\* Line Card Number 0

Enable Video Verification

\* Response Timeout Period 20 s

\* Attempts 3

Enable Hik IP Receiver Pro Heartbeat

\* Hik IP Receiver Pro Heartbeat Interval 30 s

\* Device Heartbeat Interval 30 s

Connection Status  Connected

Save

### 3. 10.66.163.175:

← → ↻ ⚠ Not secure | 10.66.163.175/home/gatewayConfiguration/HPC

**HIKVISION** Device Configuration Automation Output

Hik-ProConnect

Parameters Hot Spare Settings

Hik-ProConnect Address \* https://hpc-sgp-uat-3.hik-proconnect.com

User Name (ARC ID) \* 245zdRcCg3

Password (ARC Key) \* .....

Connection Status  Connected

Go  ① Configure device port mapping to enable dual-connection.

Save

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The screenshot shows the HIKVISION Protocol Management configuration page for 'surGard'. The browser address bar shows '10.66.163.175/home/protocolManagement/surGard'. The page has a navigation bar with 'Device', 'Configuration', and 'Automation Output' tabs. A left sidebar contains 'Protocol', 'Event Monitor', and 'Event' options. The main configuration area includes the following fields:

- Enable:
- Protocol Type: SIA-DCS (dropdown menu)
- \* IP Address: 10.66.163.175
- \* Port: 1025
- \* Receiver Number: 0 (with an 'Enable' checkbox)
- \* Line Card Number: 0
- Enable Video Verification:
- \* Response Timeout Period: 20 s
- \* Attempts: 3
- Enable Hik IP Receiver Pro Heartbeat:
- \* Hik IP Receiver Pro Heartbeat Interval: 30 s
- \* Device Heartbeat Interval: 30 s

At the bottom, the 'Connection Status' is 'Connected' (indicated by a green dot), and there is a red 'Save' button.

### 4. 172.7.12.186:

The screenshot shows the HIKVISION Hik-ProConnect configuration page for 'gatewayConfiguration/HPC'. The browser address bar shows '172.7.12.186/home/gatewayConfiguration/HPC'. The page has a navigation bar with 'Device', 'Configuration', and 'Automation Output' tabs. A left sidebar contains 'Hik-ProConnect', 'System', 'Maintenance', 'Network', and 'Storage' options. The main configuration area includes the following fields:

- Hik-ProConnect Address: https://hpc-sgp-uat-3.hik-proconnect.com
- User Name (ARC ID): 245zdRcCg3
- Password (ARC Key): .....

At the bottom, the 'Connection Status' is 'Connected' (indicated by a green dot), and there is a red 'Save' button. A 'Go' button is also present with a warning icon and the text 'Configure device port mapping to enable dual-connection.'



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← → ↻ Not secure | 172.7.12.186/home/protocolManagement/surGard

**HIKVISION** Device Configuration **Automation Output**

Protocol

- Event Monitor
- Event

Enable

\* Protocol Type SIA-DCS

\* IP Address 172.7.12.186

\* Port 1025

\* Receiver Number 0  Enable

\* Line Card Number 0

Enable Video Verification

\* Response Timeout Period 20 s

\* Attempts 3

Enable Hik IP Receiver Pro Heartbeat

\* Hik IP Receiver Pro Heartbeat Interval 30 s

\* Device Heartbeat Interval 30 s

Connection Status  Connected

Save

## 2.2 Configure Hot Spare Settings

1. Login to <http://10.66.163.162:81/>, click **Configuration** -> **Hik-ProConnect** -> **Hot Spare Settings**. (In this case, 10.66.163.162 is selected as the host server.)

**HIKVISION** Device Configuration **Automation Output**

Hik-ProConnect

Parameters **Hot Spare Settings**

Enable Hot Spare

ID 4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C

Hot Spare Role Host Server

The backup priority of the host server, spare server 1, spare server 2, and spare server 3 is in descending order.

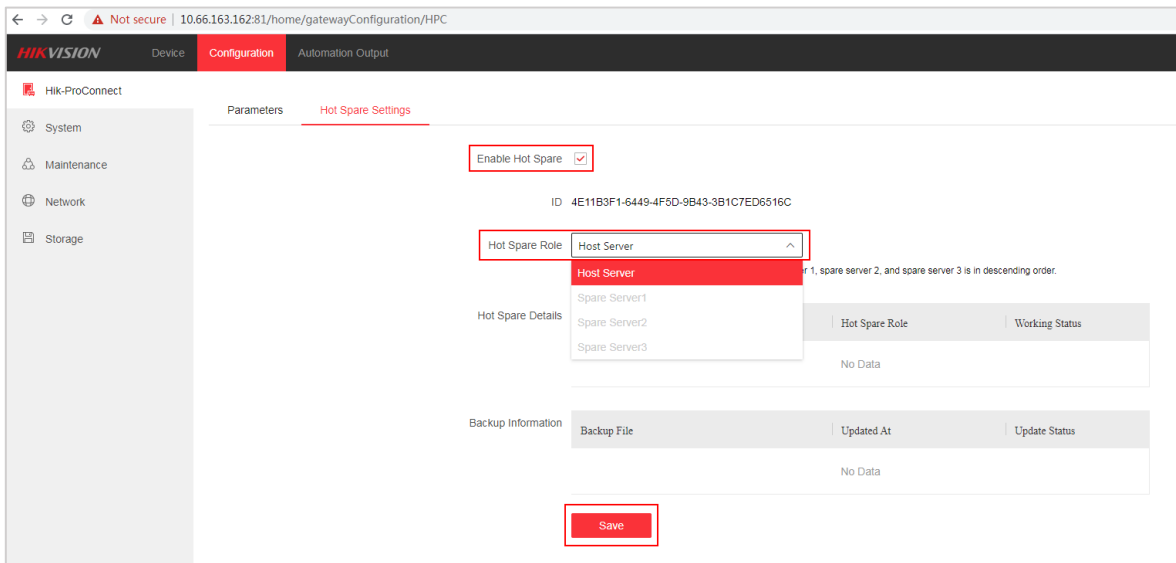
ID	Hot Spare Role	Working Status
No Data		

Backup File	Updated At	Update Status
No Data		

Save

2. Configure the host server:

1) Login to <http://10.66.163.162:81/>, check the Enable Hot Spare, and select Host Server as the Hot Spare Role.




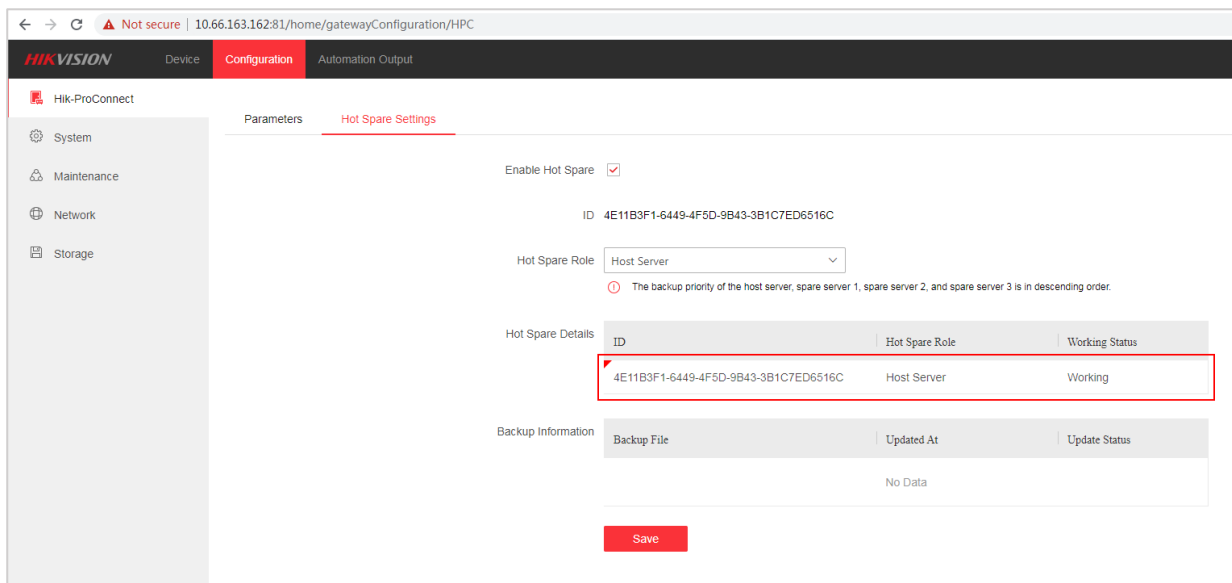
**Note**

- ID is the unique identifier of the IP Receiver Pro currently in use.
- The host server should be configured before spare servers.

2) Click **Save**.

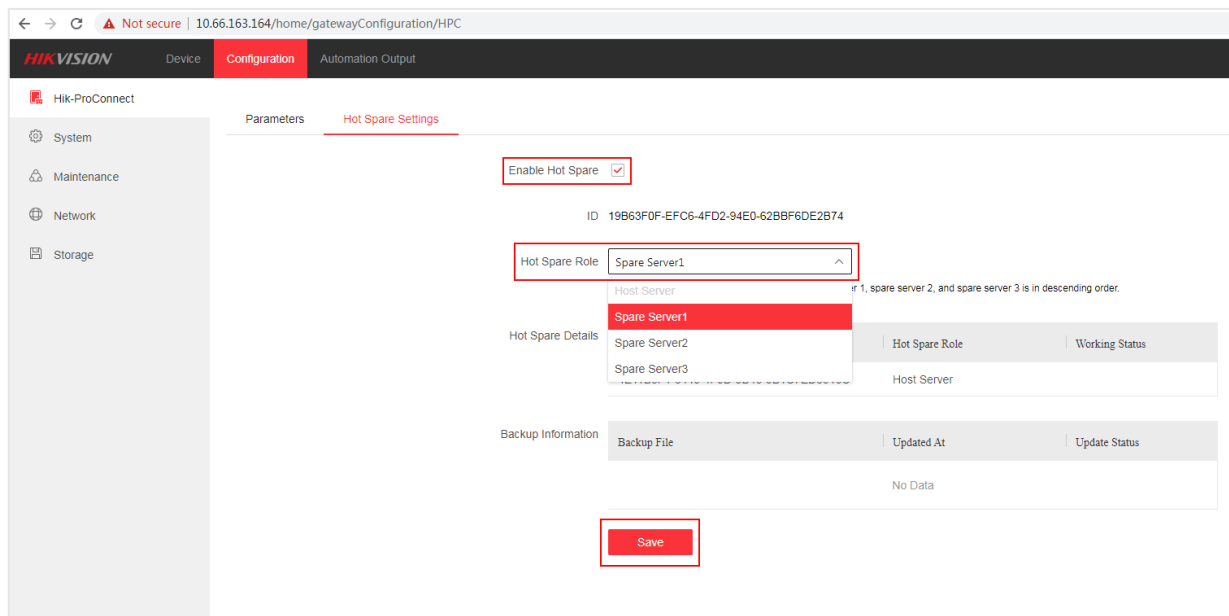
**Result**

You will see that the current IP Receiver Pro ID is displayed as a host server in the Hot Spare Devices table, and the status is working. As shown in the figure below, ID 4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C is the only identifier of the IP Receiver Pro whose IP address is 10.66.163.162. The “” at the upper left corner of the ID column means that the ID represents the IP Receiver Pro in use.



### 3. Configure spare servers.

- 1) Login to <http://10.66.163.164/>, check the Enable Hot Spare, and select Spare Server1 as the Hot Spare Role.



#### Note

The host server is already selected in step 2, so the current IP Receiver Pro can only be selected as a spare server.

- 2) Click **Save**.

#### **Result**

You will see that the current IP Receiver Pro ID is displayed as spare server1 in the Hot Spare Devices table, and the status is standby. As shown in the figure below, ID 19B63F0F-EFC6-4FD2-94E0-62BBF6DE2B74 is the only identifier of the IP Receiver Pro whose IP address is 10.66.163.164.

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Enable Hot Spare

ID 19B63F0F-EFC6-4FD2-94E0-62BBF6DE2B74

Hot Spare Role Spare Server1

ⓘ The backup priority of the host server, spare server 1, spare server 2, and spare server 3 is in descending order.

ID	Hot Spare Role	Working Status
4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C	Host Server	Working
19B63F0F-EFC6-4FD2-94E0-62BBF6DE2B74	Spare Server1	Standby

Backup File	Updated At	Update Status
IPRP_Backup_245zdRcCg3_4E11B3F1-6449-4...	2022-01-24T11:49:42+08:00	Updating

Save

4. Follow the steps in step 3 to configure <http://10.66.163.175> (ID: 79D62212-1E88-4DB9-9FC4-3FB1167C924F) as spare server2 and <http://172.7.12.186> (ID: A5353C5E-3E9B-48FA-9F89-3F3EE8A50E26) as spare server3, as shown in the following figure.

Enable Hot Spare

ID 79D62212-1E88-4DB9-9FC4-3FB1167C924F

Hot Spare Role Spare Server2

ⓘ The backup priority of the host server, spare server 1, spare server 2, and spare server 3 is in descending order.

ID	Hot Spare Role	Working Status
4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C	Host Server	Working
19B63F0F-EFC6-4FD2-94E0-62BBF6DE2B74	Spare Server1	Standby
79D62212-1E88-4DB9-9FC4-3FB1167C924F	Spare Server2	Standby

Backup File	Updated At	Update Status
IPRP_Backup_245zdRcCg3_4E11B3F1-6449-4...	2022-01-24T11:49:42+08:00	Updating

Save

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The screenshot shows the Hik-Vison configuration interface for Hot Spare Settings. The browser address bar shows "172.7.12.186/home/gatewayConfiguration/HPC". The interface includes a sidebar with "System", "Maintenance", "Network", and "Storage" options. The main content area is titled "Hot Spare Settings" and contains the following elements:

- Enable Hot Spare:** A checked checkbox.
- ID:** A5353C5E-3E9B-48FA-9F89-3F3EE8A50E26
- Hot Spare Role:** A dropdown menu set to "Spare Server3".
- Warning:** A red circle icon with a note: "The backup priority of the host server, spare server 1, spare server 2, and spare server 3 is in descending order."
- Hot Spare Details Table:**

ID	Hot Spare Role	Working Status
4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C	Host Server	Working
19B63F0F-EFC6-4FD2-94E0-62BBF6DE2B74	Spare Server1	Standby
79D62212-1E88-4DB9-9FC4-3FB1167C924F	Spare Server2	Standby
A5353C5E-3E9B-48FA-9F89-3F3EE8A50E26	Spare Server3	Standby

- Backup Information Table:**

Backup File	Updated At	Update Status
IPRP_Backup_245zdRcCg3_4E11B3F1-6449-4...	2022-01-24T11:49:42+08:00	Updated

A red "Save" button is located at the bottom of the configuration area.

## Chapter 3 Synchronize Backup Information

The backup information saved on Hik-ProConnect from IP Receiver Pro includes the devices, device-linked partitions (areas), zones, channels, users and their devices, and events.

If the above information changes, the host server will back up its information to Hik-ProConnect, and the spare servers will get the newest information from Hik-ProConnect every 60 seconds and update the information on the spare servers. In the **Backup Information** table, you can view the file name, updating time, as well as update status.

For operations such as device management (add devices, delete devices, and edit device information), configurations (configure device-linked partitions, zones, and channels), user management (add users, delete users, and edit user information), and event management (add events, delete events, edit events, and import events), you can only edit them on the IP Receiver Pro which is set as the host server. Backup information on spare servers (spare server1, spare server2, and spare server3) cannot be changed.

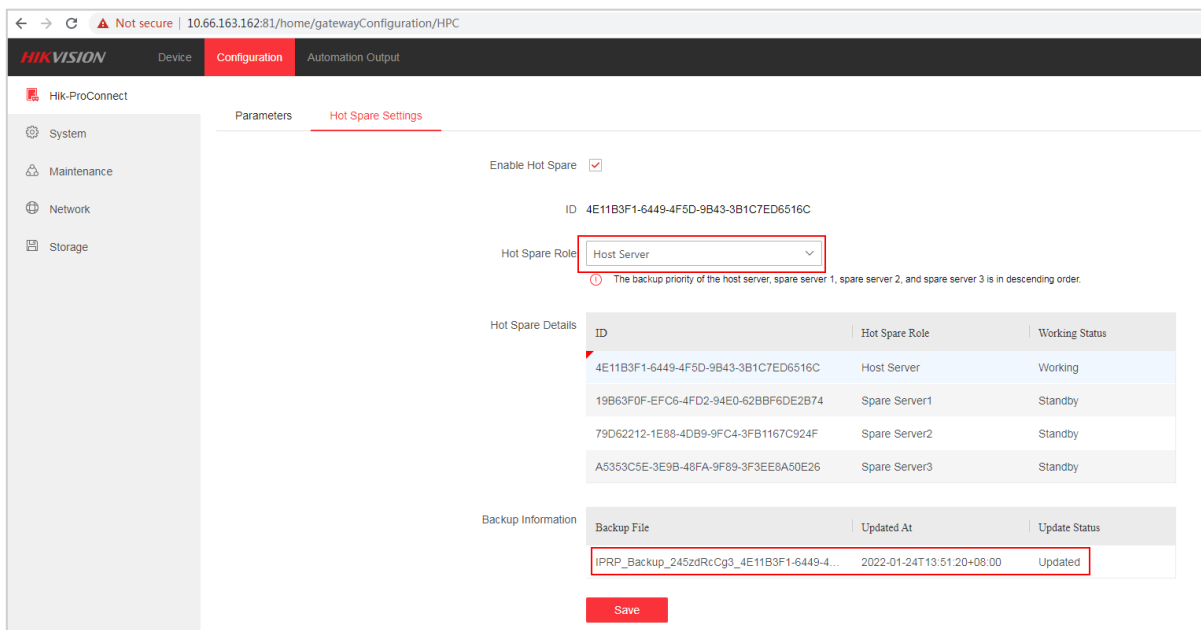
To display how spare servers synchronize backup information with the host server, this chapter takes the example of adding a device to the IP Receiver Pro whose role is the host server.

1. Add a device to the host server (the IP Receiver Pro whose IP address is 10.66.163.162).

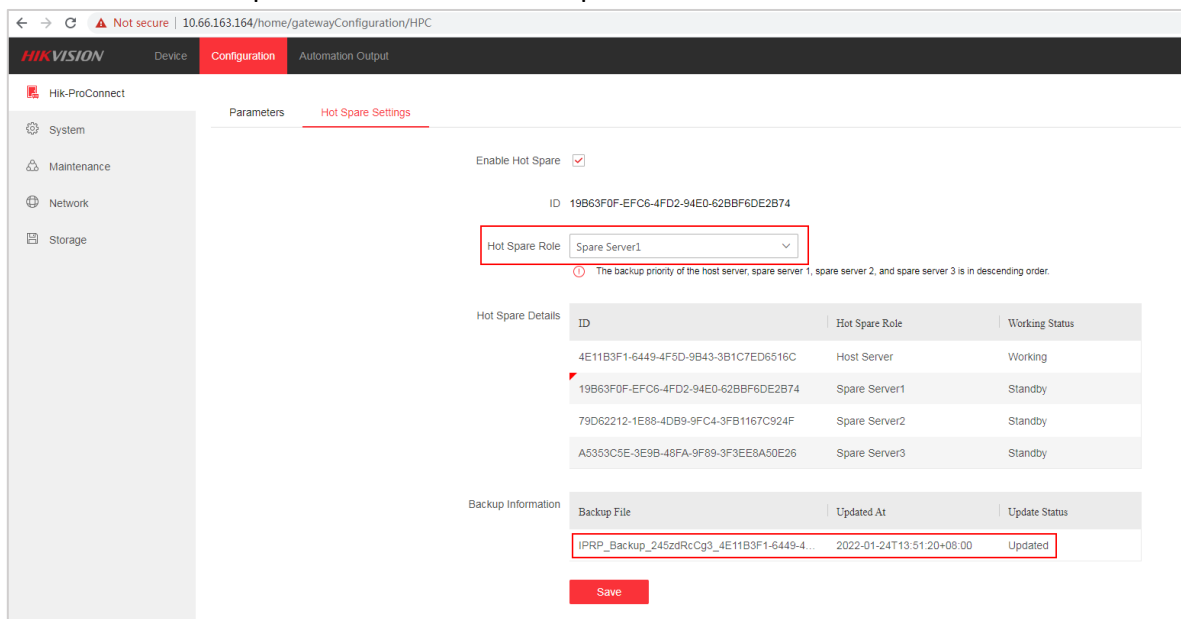
Device Name	Serial No.	Account ID	Device Model	Device Version	Connecting Mode	Device Status	Alarm Times	First Alarm Time	Last Alarm Time	Activation Status	Operation
AX PRO		1234		V1 2.6 build 2...	Dual-Connection	Online(HPC)	0	/	/	Activate	[Edit] [Delete] [Refresh] [Close]
2222	/	2222	/	/	ISUP	Offline	0	/	/	Activate	[Edit] [Delete] [Refresh] [Close]
3333	/	3333	/	/	ISUP	Offline	0	/	/	Activate	[Edit] [Delete] [Refresh] [Close]
4444	/	4444	/	/	ISUP	Offline	0	/	/	Activate	[Edit] [Delete] [Refresh] [Close]

2. On the Hot Spare Settings page of the host server, wait for 1 minute, and you will see that the backup information has been uploaded to Hik-ProConnect.

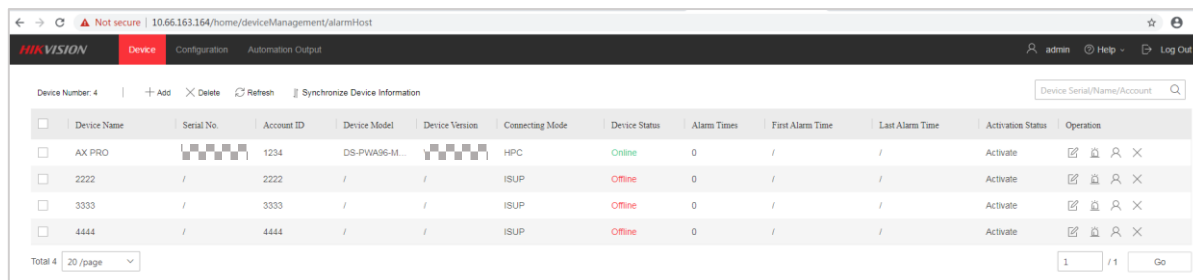
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3. On the Hot Spare Settings page of the spare server1, wait for another 1 minute, and you will see that the backup information has been updated.



4. Check the device list on IP Receiver Pro of spare server1, it shows that the device list on the host server has been synchronized to spare server1, as shown in the following figure.



5. The device list on spare server2 and spare server3 are both in sync with the device list on

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the host server.

Enable Hot Spare

ID 79D62212-1E88-4DB9-9FC4-3FB1167C924F

Hot Spare Role: Spare Server2

The backup priority of the host server, spare server 1, spare server 2, and spare server 3 is in descending order.

ID	Hot Spare Role	Working Status
4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C	Host Server	Working
19B63F0F-EFC6-4FD2-94E0-62BBF6DE2B74	Spare Server1	Standby
79D62212-1E88-4DB9-9FC4-3FB1167C924F	Spare Server2	Standby
A5353C5E-3E9B-48FA-9F89-3F3EE8A50E26	Spare Server3	Standby

Backup File	Updated At	Update Status
IPRP_Backup_245zdRcCg3_4E11B3F1-6449-4...	2022-01-24T13:51:20+08:00	Updated

Save

Device Name	Serial No.	Account ID	Device Model	Device Version	Connecting Mode	Device Status	Alarm Times	First Alarm Time	Last Alarm Time	Activation Status	Operation
AX PRO		1234		V1.2.6 build 2...	HPC	Online	0	/	/	Activate	🔍 🗑️ 🔄
2222	/	2222	/	/	ISUP	Offline	0	/	/	Activate	🔍 🗑️ 🔄
3333	/	3333	/	/	ISUP	Offline	0	/	/	Activate	🔍 🗑️ 🔄
4444	/	4444	/	/	ISUP	Offline	0	/	/	Activate	🔍 🗑️ 🔄

Total 4 / 20 / page

Enable Hot Spare

ID A5353C5E-3E9B-48FA-9F89-3F3EE8A50E26

Hot Spare Role: Spare Server3

The backup priority of the host server, spare server 1, spare server 2, and spare server 3 is in descending order.

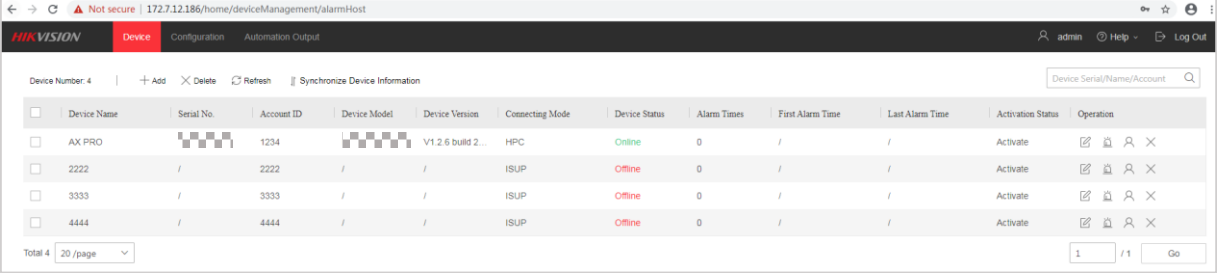
ID	Hot Spare Role	Working Status
4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C	Host Server	Working
19B63F0F-EFC6-4FD2-94E0-62BBF6DE2B74	Spare Server1	Standby
79D62212-1E88-4DB9-9FC4-3FB1167C924F	Spare Server2	Standby
A5353C5E-3E9B-48FA-9F89-3F3EE8A50E26	Spare Server3	Standby

Backup File	Updated At	Update Status
IPRP_Backup_245zdRcCg3_4E11B3F1-6449-4...	2022-01-24T13:51:20+08:00	Updated

Save



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The screenshot shows a web browser window with the URL `172.7.12.186/home/deviceManagement/alarmHost`. The page title is "Device" and it includes navigation links for "Configuration" and "Automation Output". The user is logged in as "admin".

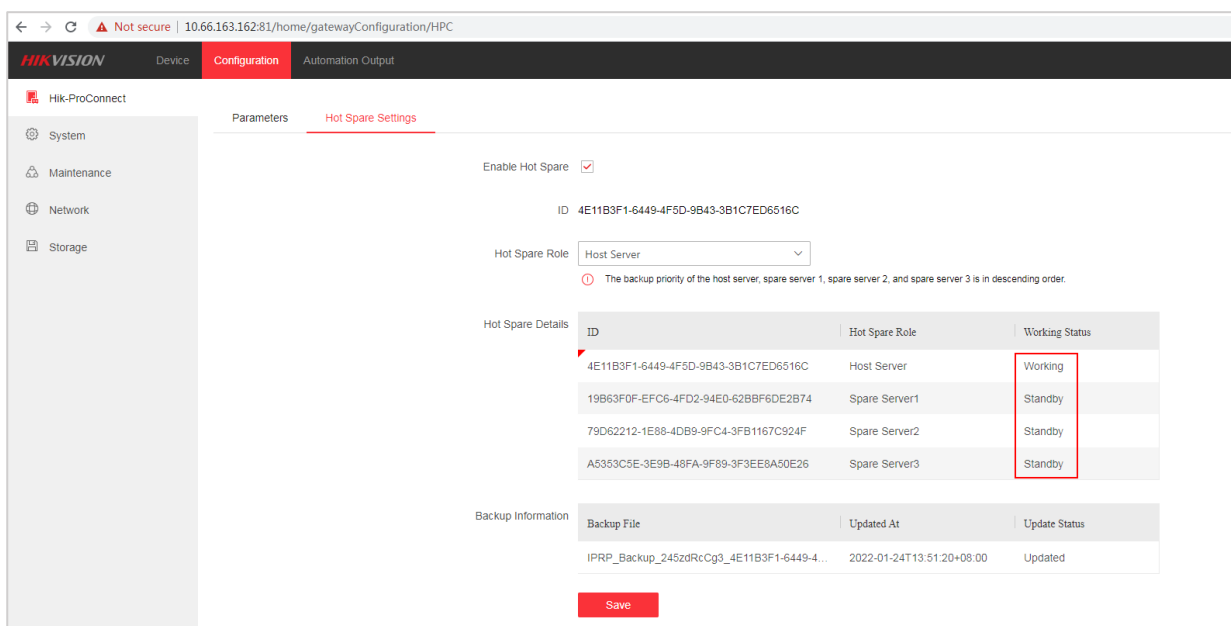
At the top of the table area, there are controls: "Device Number 4", "+ Add", "X Delete", "Refresh", and "Synchronize Device Information". A search bar on the right is labeled "Device Serial/Name/Account".

<input type="checkbox"/>	Device Name	Serial No.	Account ID	Device Model	Device Version	Connecting Mode	Device Status	Alarm Times	First Alarm Time	Last Alarm Time	Activation Status	Operation
<input type="checkbox"/>	AX PRO		1234		V1.2.6 build 2...	HPC	Online	0	/	/	Activate	
<input type="checkbox"/>	2222	/	2222	/	/	ISUP	Offline	0	/	/	Activate	
<input type="checkbox"/>	3333	/	3333	/	/	ISUP	Offline	0	/	/	Activate	
<input type="checkbox"/>	4444	/	4444	/	/	ISUP	Offline	0	/	/	Activate	

At the bottom left, there is a "Total 4" label and a dropdown menu set to "20 /page". At the bottom right, there is a pagination control showing "1 / 1" and a "Go" button.

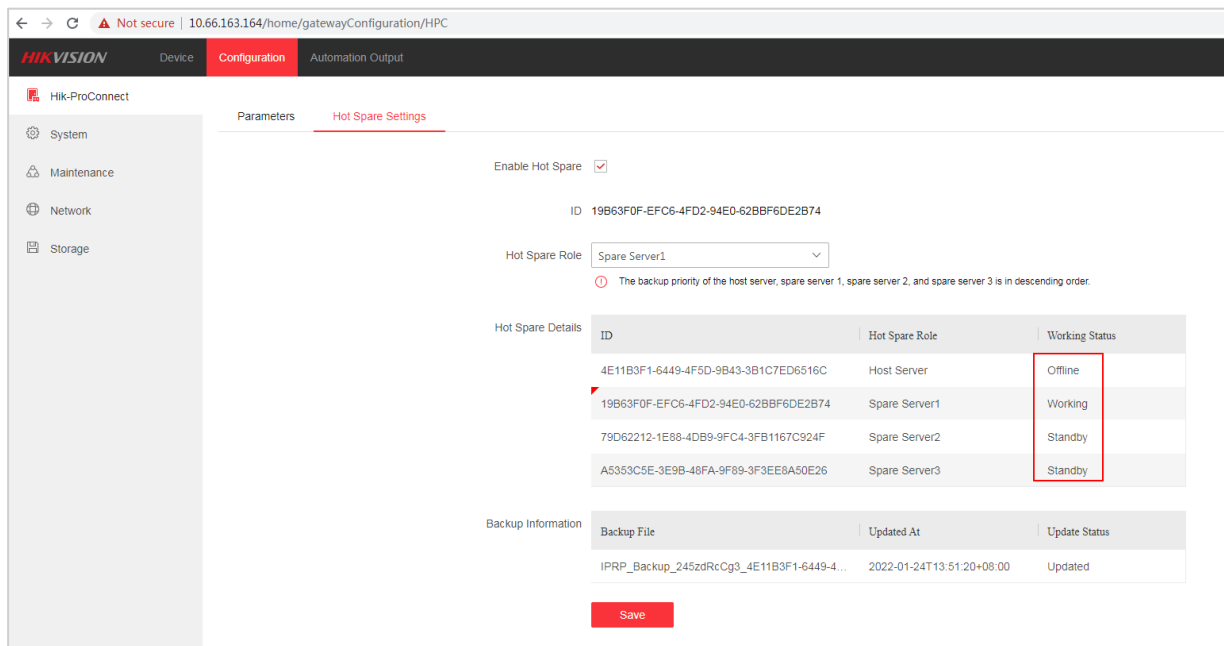
## Chapter 4 Switch Among Hot and Spare Servers

Normally, the host server is in working status and spare servers (spare server1, spare server2, spare server3) are in standby status, as shown in the following figure. Only the IP Receiver Pro in the working status forwards alarms to the ARC, and the IP Receiver Pros in the other status do not forward alarms to the ARC.



- Once an exception occurs to the host server, the host server will no longer get alarms from Hik-ProConnect. The spare server1 will start to get alarms (including cached alarms during switching) from Hik-ProConnect and forward alarms to the ARC within 5 minutes. After 5 minutes, on the Hot Spare Settings page of spare server1, you will see that the host server is offline, spare server1 is in working status, and spare server2 and spare server3 are in standby status, as shown in the following figure.

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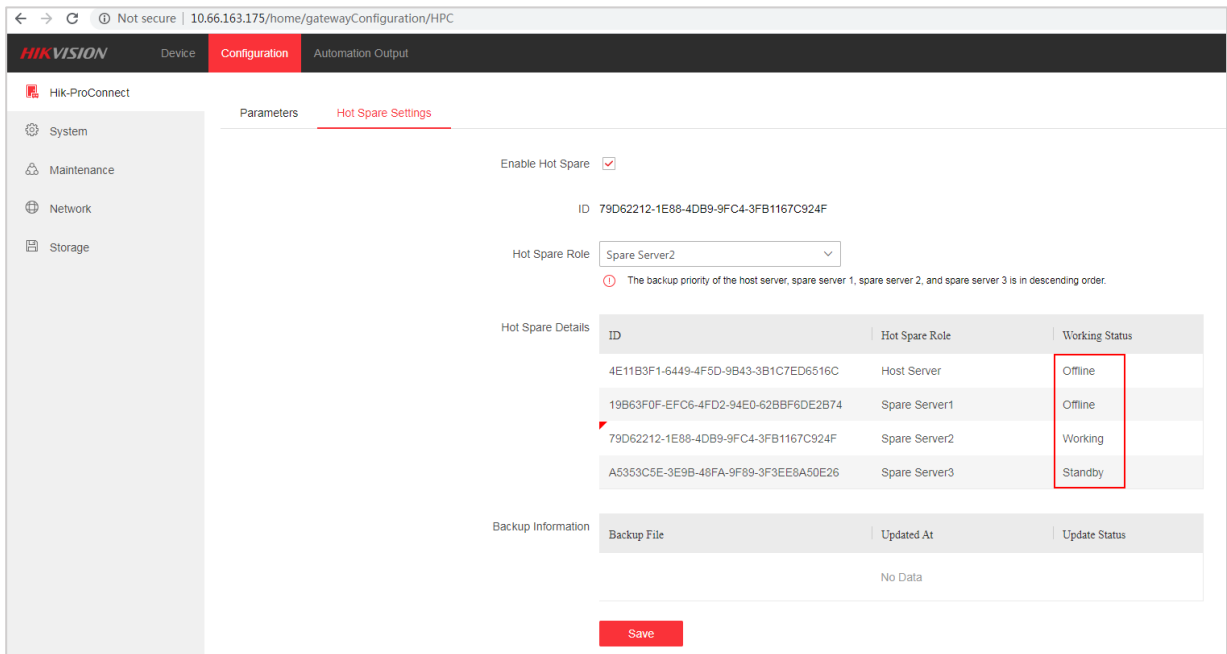


The screenshot shows the Hik-Vison configuration interface for Hot Spare Settings. The 'Enable Hot Spare' checkbox is checked. The ID is 19B63F0F-EFC6-4FD2-94E0-62BBF6DE2B74. The Hot Spare Role is set to 'Spare Server1'. A note indicates that the backup priority of the host server, spare server 1, spare server 2, and spare server 3 is in descending order. The Hot Spare Details table shows the following status:

ID	Hot Spare Role	Working Status
4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C	Host Server	Offline
19B63F0F-EFC6-4FD2-94E0-62BBF6DE2B74	Spare Server1	Working
79D62212-1E88-4DB9-9FC4-3FB1167C924F	Spare Server2	Standby
A5353C5E-3E9B-48FA-9F89-3F3EE8A50E26	Spare Server3	Standby

The Backup Information table shows a backup file 'IPRP\_Backup\_245zdRcCg3\_4E11B3F1-6449-4...' updated at '2022-01-24T13:51:20+08:00' with an 'Updated' status. A 'Save' button is visible at the bottom.

- If an exception occurs to spare server1, spare server2 is automatically switched to working status. 5 minutes later, the Hot Spare Settings page of spare server 2 will show that the host server and spare server1 are offline, spare server2 is working, and spare server3 is in standby status, as shown in the following figure.



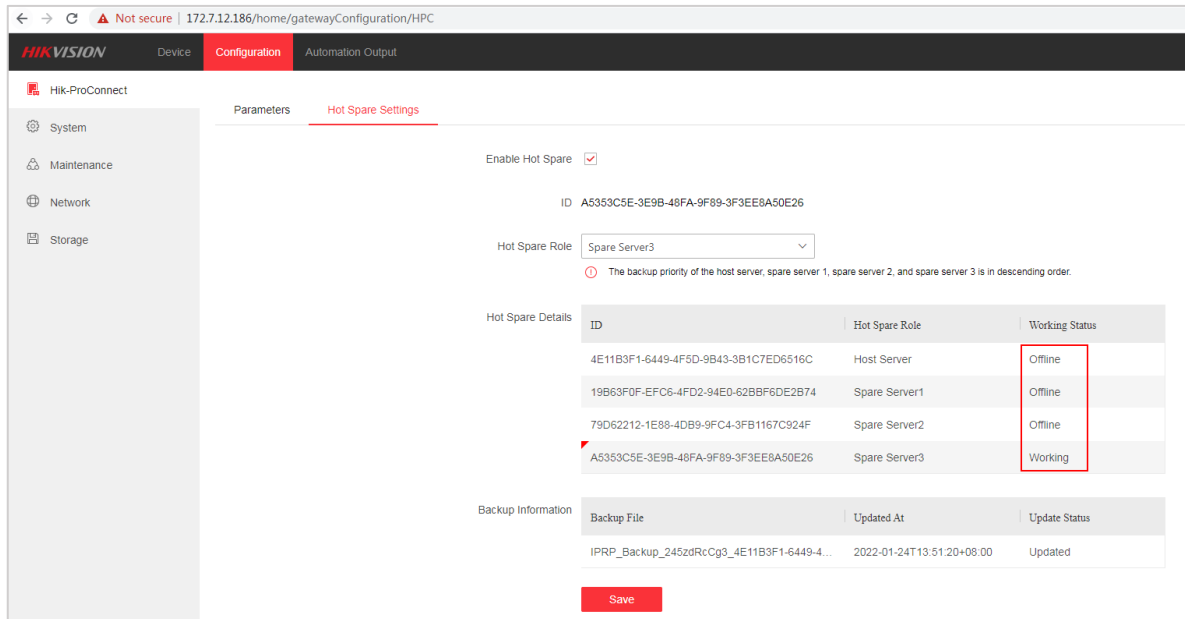
The screenshot shows the Hik-Vison configuration interface for Hot Spare Settings. The 'Enable Hot Spare' checkbox is checked. The ID is 79D62212-1E88-4DB9-9FC4-3FB1167C924F. The Hot Spare Role is set to 'Spare Server2'. A note indicates that the backup priority of the host server, spare server 1, spare server 2, and spare server 3 is in descending order. The Hot Spare Details table shows the following status:

ID	Hot Spare Role	Working Status
4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C	Host Server	Offline
19B63F0F-EFC6-4FD2-94E0-62BBF6DE2B74	Spare Server1	Offline
79D62212-1E88-4DB9-9FC4-3FB1167C924F	Spare Server2	Working
A5353C5E-3E9B-48FA-9F89-3F3EE8A50E26	Spare Server3	Standby

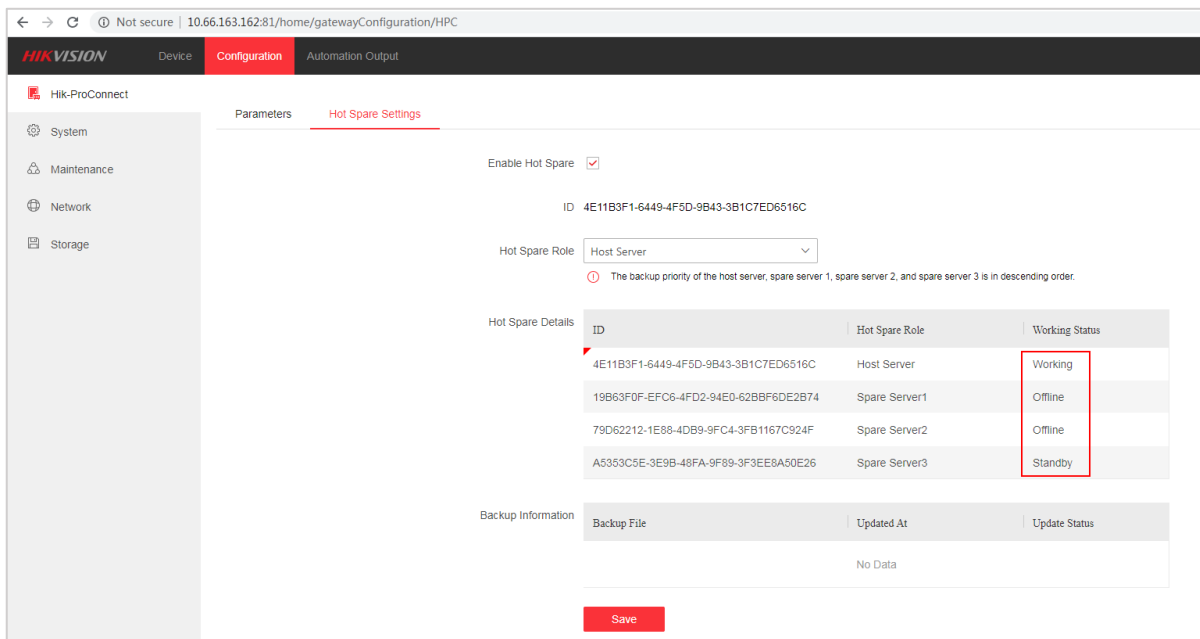
The Backup Information table shows 'No Data'. A 'Save' button is visible at the bottom.

- If an exception also occurs to spare server2, spare server3 is automatically switched to working status. 5 minutes later, the Hot Spare Settings page of spare server3 will show that the host server, spare server1, and spare server2 are offline, spare server3 is in working status, as shown in the following figure.

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- If the host server is back to normal, the working status of the host server will be automatically switched to Working. The Hot Spare Settings page will show that the host server is working, spare server1 and spare server2 are offline, and spare server3 is in standby status, as shown in the figure below.



- If spare server1 and spare server2 are also back to normal, they will be automatically switched to standby status. The Hot Spare Settings page will show that the host server is working, spare server1, spare server2, spare server3 are in standby status, as shown in the following figure.

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The screenshot shows the Hik-Vison configuration interface for Hot Spare Settings. The browser address bar shows the URL: 10.66.163.162:81/home/gatewayConfiguration/HPC. The page has a navigation menu on the left with options: System, Maintenance, Network, and Storage. The main content area is titled 'Hot Spare Settings' and includes the following sections:

- Parameters:**
  - Enable Hot Spare:
  - ID: 4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C
  - Hot Spare Role: Host Server (selected from a dropdown menu)
  - Note: The backup priority of the host server, spare server 1, spare server 2, and spare server 3 is in descending order.
- Hot Spare Details:** A table listing server configurations.
- Backup Information:** A table showing backup file details.

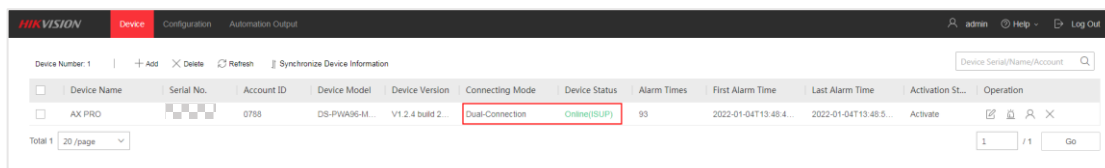
A red box highlights the 'Working Status' column in the 'Hot Spare Details' table, where the 'Host Server' is marked as 'Working' and the three 'Spare Servers' are marked as 'Standby'. A red 'Save' button is located at the bottom of the configuration page.

ID	Hot Spare Role	Working Status
4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C	Host Server	Working
19B63F0F-EFC6-4FD2-94E0-62BBF6DE2B74	Spare Server1	Standby
79D62212-1E88-4DB9-9FC4-3FB1167C924F	Spare Server2	Standby
A5353C5E-3E9B-48FA-9F89-3F3EE6A50E26	Spare Server3	Standby

Backup File	Updated At	Update Status
IPRP_Backup_245zdRcCg3_4E11B3F1-6449-4...	2022-01-24T13:51:20+08:00	Updated

## Chapter 5 Dual-Connection in the Hot Spare Scenario

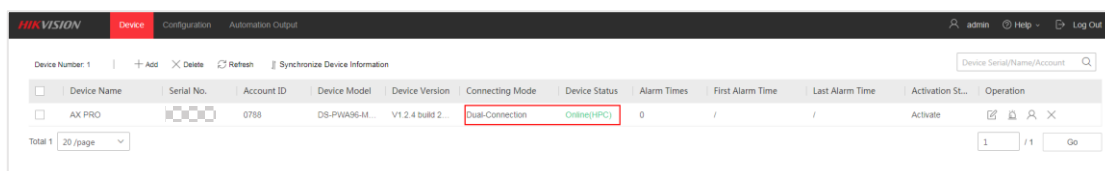
Only the devices added to the host server can be connected in dual-connection mode.



The screenshot shows the Hikvision web interface for device management. The 'Device' tab is active. A table lists device information for 'Device Number: 1'. The table has columns for Device Name, Serial No., Account ID, Device Model, Device Version, Connecting Mode, Device Status, Alarm Times, First Alarm Time, Last Alarm Time, Activation St., and Operation. The 'AX PRO' device is listed with 'Dual-Connection' as the connecting mode and 'Online(SUP)' as the device status. The 'Connecting Mode' and 'Device Status' cells are highlighted with a red border.

Device Name	Serial No.	Account ID	Device Model	Device Version	Connecting Mode	Device Status	Alarm Times	First Alarm Time	Last Alarm Time	Activation St.	Operation
AX PRO	[Image]	0788	DS-PWA96-M...	V1.2.4 build 2...	Dual-Connection	Online(SUP)	99	2022-01-04T13:48:4...	2022-01-04T13:48:5...	Activate	[Icons]

The devices on spare servers can only be connected by HPC.

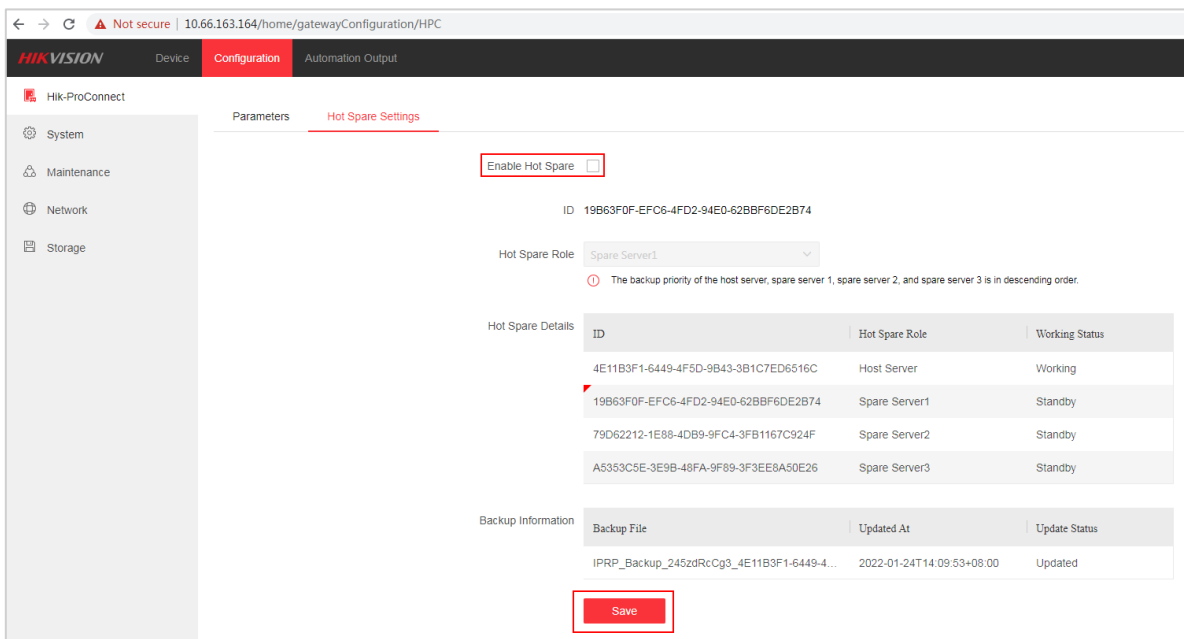


The screenshot shows the Hikvision web interface for device management. The 'Device' tab is active. A table lists device information for 'Device Number: 1'. The table has columns for Device Name, Serial No., Account ID, Device Model, Device Version, Connecting Mode, Device Status, Alarm Times, First Alarm Time, Last Alarm Time, Activation St., and Operation. The 'AX PRO' device is listed with 'Dual-Connection' as the connecting mode and 'Online(HPC)' as the device status. The 'Connecting Mode' and 'Device Status' cells are highlighted with a red border.

Device Name	Serial No.	Account ID	Device Model	Device Version	Connecting Mode	Device Status	Alarm Times	First Alarm Time	Last Alarm Time	Activation St.	Operation
AX PRO	[Image]	0788	DS-PWA96-M...	V1.2.4 build 2...	Dual-Connection	Online(HPC)	0	/	/	Activate	[Icons]

## Chapter 6 Disable Hot Spare Settings

To disable hot spare settings, go to the Hot Spare Settings page, uncheck **Enable Hot Spare**, and then click **Save**.



- If you disable hot spare service on an IP Receiver Pro whose role is a spare server (spare server1, spare server2, or spare server3), only the hot spare role mentioned above will be disabled and all backup information on IP Receiver Pro will be cleared, as shown in the figure below.

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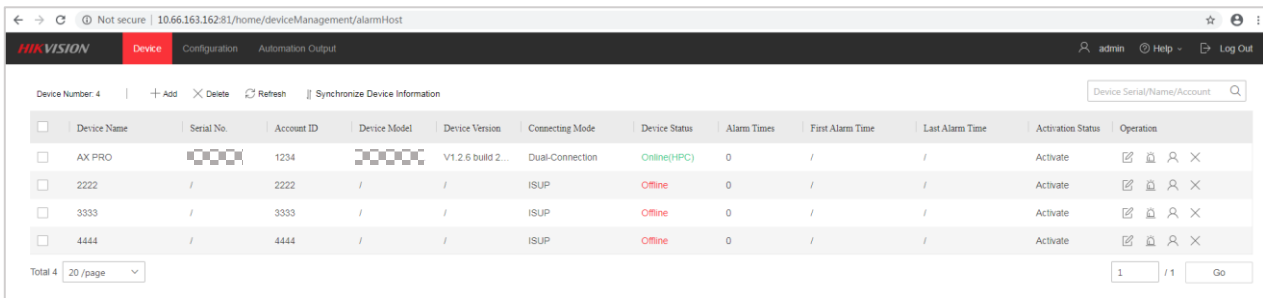
The screenshot shows the Hik-Vison configuration interface for a device. The 'Hot Spare Settings' section is active. The 'Enable Hot Spare' checkbox is unchecked. The device ID is 19B63F0F-EFC6-4FD2-94E0-62BBF6DE2B74. The 'Hot Spare Role' is set to 'Spare Server1'. A note indicates that the backup priority of the host server, spare server 1, spare server 2, and spare server 3 is in descending order. The 'Hot Spare Details' table lists three servers: Host Server (ID: 4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C), Spare Server2 (ID: 79D62212-1E88-4DB9-9FC4-3FB1167C924F), and Spare Server3 (ID: A5353C5E-3E9B-48FA-9F89-3F3EE8A50E26). The 'Backup Information' table shows 'No Data' for Backup File, Updated At, and Update Status. A 'Save' button is visible at the bottom.

- If you disable hot spare settings on an IP Receiver Pro whose role is the host server, information on all spare servers will be cleared while the backup information on the host server is not cleared, as shown in the following figure.

The screenshot shows the Hik-Vison configuration interface for a device. The 'Hot Spare Settings' section is active. The 'Enable Hot Spare' checkbox is unchecked. The device ID is 4E11B3F1-6449-4F5D-9B43-3B1C7ED6516C. The 'Hot Spare Role' is set to 'Host Server'. A note indicates that the backup priority of the host server, spare server 1, spare server 2, and spare server 3 is in descending order. The 'Hot Spare Details' table is empty, showing 'No Data'. The 'Backup Information' table shows 'No Data' for Backup File, Updated At, and Update Status. A 'Save' button is visible at the bottom.



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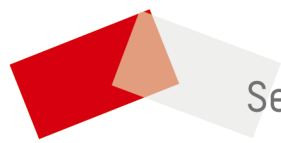


The screenshot shows the Hikvision Device Management interface. The browser address bar displays "10.66.163.162:81/home/deviceManagement/alarmHost". The interface includes a navigation bar with "HikVISION" and "Device" tabs, and a search bar for "Device Serial/Name/Account". Below the navigation bar, there are controls for "Device Number: 4", "+ Add", "X Delete", "Refresh", and "Synchronize Device Information". The main content is a table with the following columns: Device Name, Serial No., Account ID, Device Model, Device Version, Connecting Mode, Device Status, Alarm Times, First Alarm Time, Last Alarm Time, Activation Status, and Operation. The table contains four rows of device data. At the bottom left, it shows "Total 4" and "20/page". At the bottom right, there is a pagination control showing "1 / 1" and a "Go" button.

<input type="checkbox"/>	Device Name	Serial No.	Account ID	Device Model	Device Version	Connecting Mode	Device Status	Alarm Times	First Alarm Time	Last Alarm Time	Activation Status	Operation
<input type="checkbox"/>	AX PRO	[Barcode]	1234	[Barcode]	V1.2.6 build 2...	Dual-Connection	Online(HPC)	0	/	/	Activate	[Edit] [Lock] [Refresh] [Close]
<input type="checkbox"/>	2222	/	2222	/	/	ISUP	Offline	0	/	/	Activate	[Edit] [Lock] [Refresh] [Close]
<input type="checkbox"/>	3333	/	3333	/	/	ISUP	Offline	0	/	/	Activate	[Edit] [Lock] [Refresh] [Close]
<input type="checkbox"/>	4444	/	4444	/	/	ISUP	Offline	0	/	/	Activate	[Edit] [Lock] [Refresh] [Close]

### Note

Editing the Hik-ProConnect parameters (Hik-ProConnect address, ARC ID, ARC Key) and uninstalling IP Receiver Pros will automatically disable their hot spare services.



See Far, Go Further