

Hangzhou Hikvision Digital Technology Co., Ltd  
Overseas R&D Center - India R&D Center

# 【HCP V2.4】 How to Install and Configure SAC

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Confidentiality level: [Internal disclosure]

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## Content

1. Product Selection.....	4
2. Platform Installation.....	4
3.Pstor Configuration.....	4
4.SAC Configuration.....	8
5.HCP Configuration.....	13

## 1. Product Selection

- HCP installation package:

HikCentral-Professional\_V2.4.0.202303180246\_Win\_x64

- SAC installation package:

HikCentral-Professional\_SAC\_V2.4.0.202303180234\_Win\_x64

- Pstor installation package:

HIKVISION pStor V1.7.0-R3 20220120000000

Note: SAC and HCP can be installed on the same server, and if possible, it is recommended to be deployed on different servers.

## 2. Platform Installation

Run the corresponding installation package with administrator privileges.



## 3. Pstor Configuration

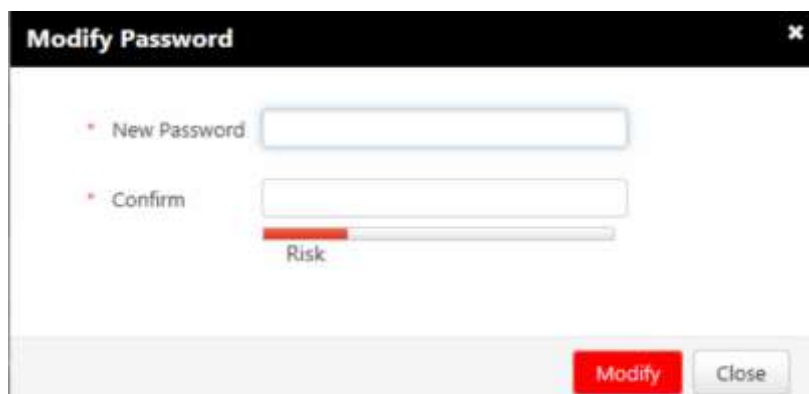
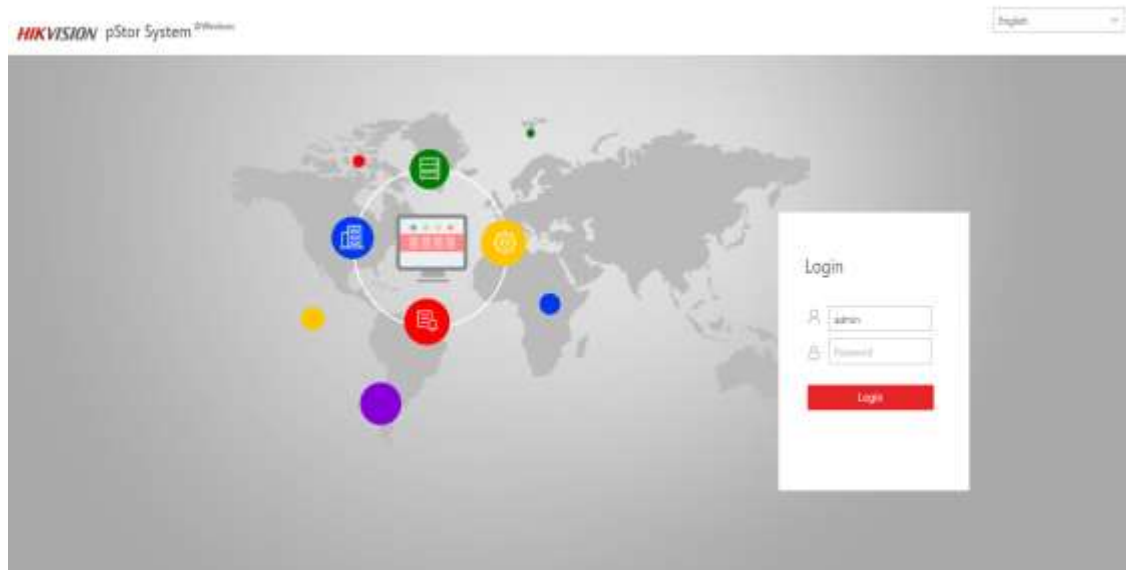
Step 1: Modify the initialization password

Log in to the Pstor page. The default is "https://IP:6060 ", or click the desktop icon.



The initial password for Pstor is **HIK88075998**. Please change the password after

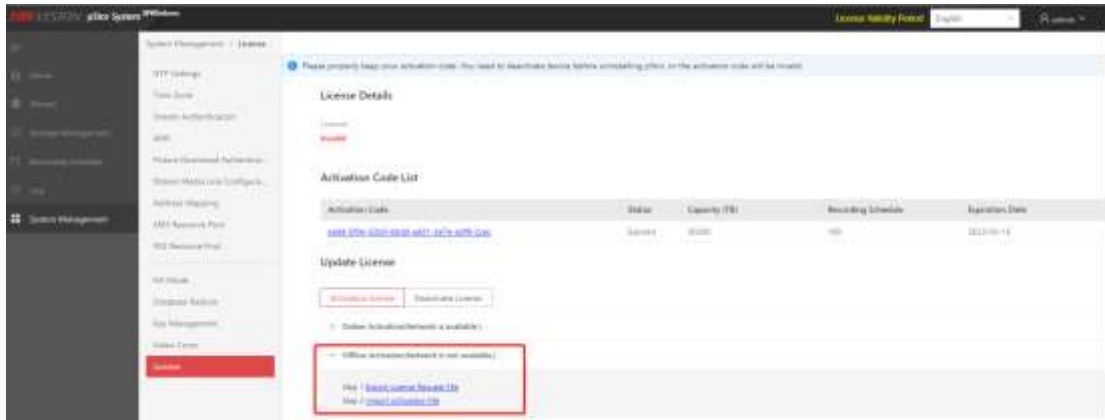
logging in.



Step 2: Activate the license of the corresponding pstor

The activation license is divided into online and offline, online method can be used when connected to an external network.

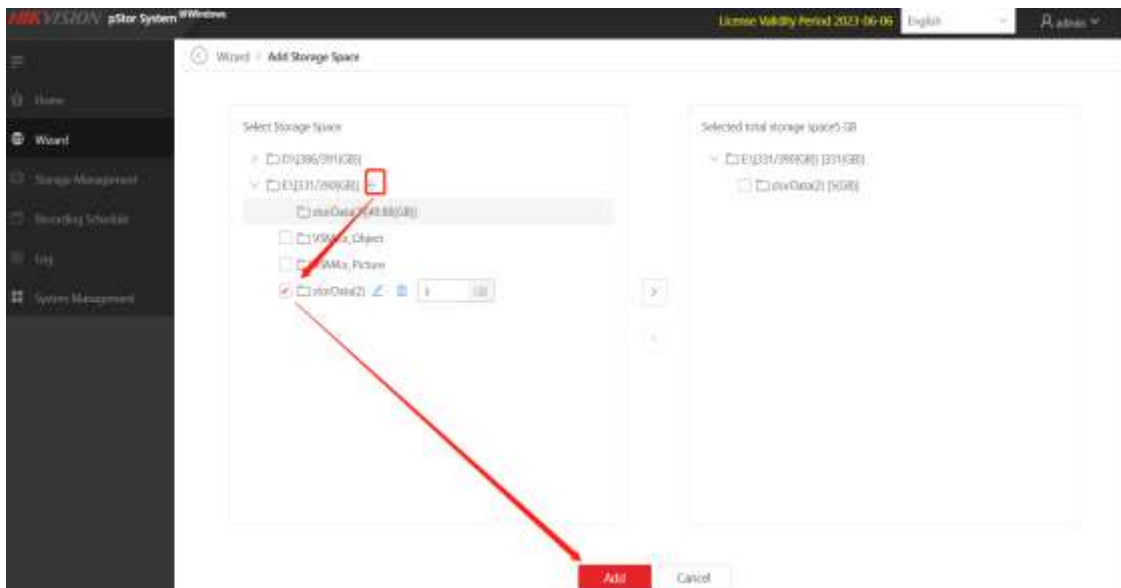
To activate offline, you need to export an offline file on the pstor web page and importing from the website <https://kms.hikvision.com/#/active> , export the new offline file, and activate the second offline file on the pstor page.



**Step 3: Create storage space**

Enter the Wizard ->Add Storage Space ->Create the corresponding folder and assign a capacity size.

Note: The space under the C disk cannot be used and the storage space size should not exceed 16TB; For projects exceeding 200GB, create as many storage spaces as possible.



Enter Storage Management -> Storage Space. After creating a storage space, it takes a while to initialize it. Wait for the initialization to complete before proceeding to the next configuration step.



Step 4: Create a resource pool

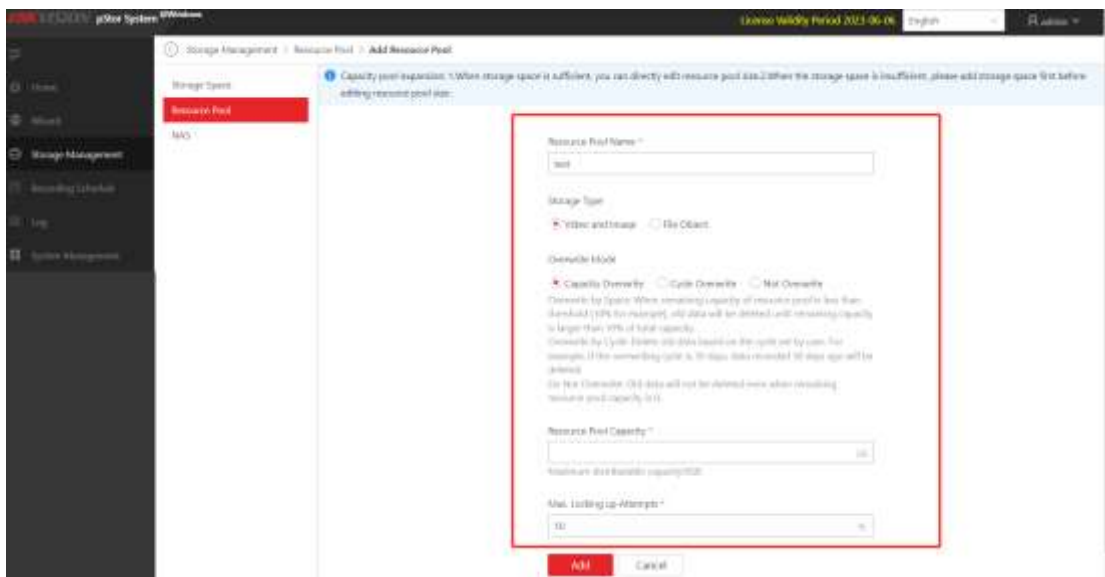
Enter Storage Management ->Resource Pool to create a new resource pool.

By default, video and picture pools are selected, and capacity coverage, cycle coverage, or no coverage can be selected based on demand.

Note: If the capacity of periodic coverage is exhausted, coverage will start in advance.

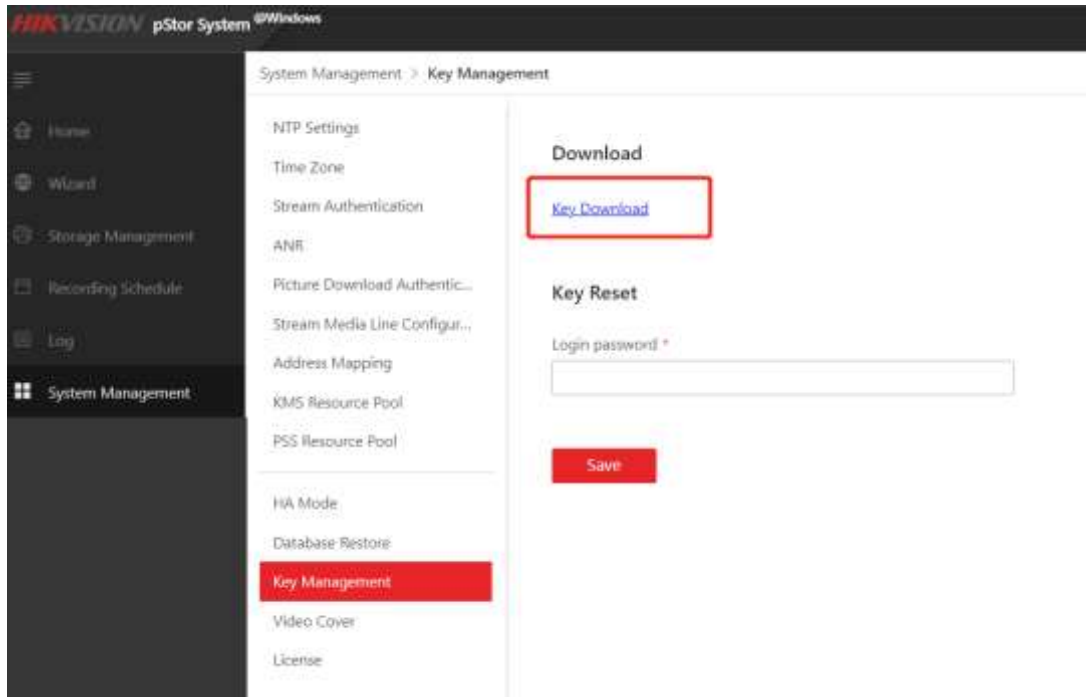
By default, the resource pool can use 90% of the storage space and 10% as data redundancy.

The maximum lock percentage represents the maximum video capacity that can support locking.



Step 5: Obtain the Key value

Enter System Management ->Key Management to export the Key value.



```
key - 记事本
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
Access Key:5I099z12618P3W21c6FLRu7X40r7Lj55m3621t8h32W0h752YHWst45Y475w22c
Secret Key:9169Kjmb3W469b0G3t61T9Y9n3zcrMDXe746Vb3W81hfBE916D4ShpAkh53NTf8
```

#### 4.SAC Configuration

Step 1: Modify the initialization password

Log in to the SAC page. The default is "http://IP:9012 ", or click the desktop icon.



The initial password for SAC is **hik\_88075998**, please change your password after logging in.





Change Initial Password ✕

Please enter password of 8 to 16 characters, including at least 2 of the following types: digits, lower-case and upper-case letters, and special characters.

New Password \*

Confirm Password \*

## Step 2: Add a Pstor device

Enter Physical Resource ->Storage Device ->Add, select pstor as the device type, enter the IP address, user name, password, port, default, and the key value obtained from pstor.

Edge Domain Storage Resource Management Scheduling Platform

Calculate Storage Resource Pool > Physical Resource > Storage Device > Access Storage Device

Basic Information

Device Name \*  
pstor1

Device Type \*  
pstor

Manager

Device Manufacturer

Information Location

Description

Access Information

IP \*  
10.8.97.52

Port \*  
8021

Edge Domain Storage Resource Management Scheduling Platform

Port \*  
8021

Object Port  
6201

Select line \*  
System

User Name \*  
admin

Password \*  
\*\*\*\*\*

Storage Device AK \*  
9D86213015F2A21cdF1A7Wd7L7LSn2K21Dn2JWdN752YH9849V4T3e

Storage Device SK \*  
\*\*\*\*\*

Set Image Attribute

Picture Uploading IP Port \*  
6021

Picture Downloading IP Port \*  
6120

KMIP PEG Port \*  
6021

Set HTTPS Picture Attribute

Support Central Storage Protocol

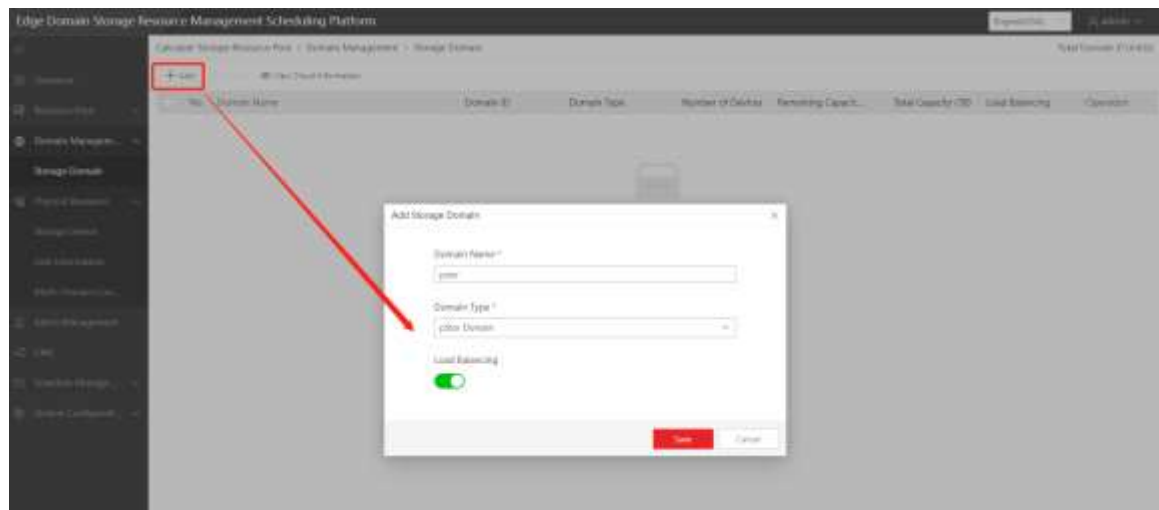
Online Detection Save Cancel

After successfully adding, you can view the usage of various storage spaces in pstor.



Step 3: Add a resource pool

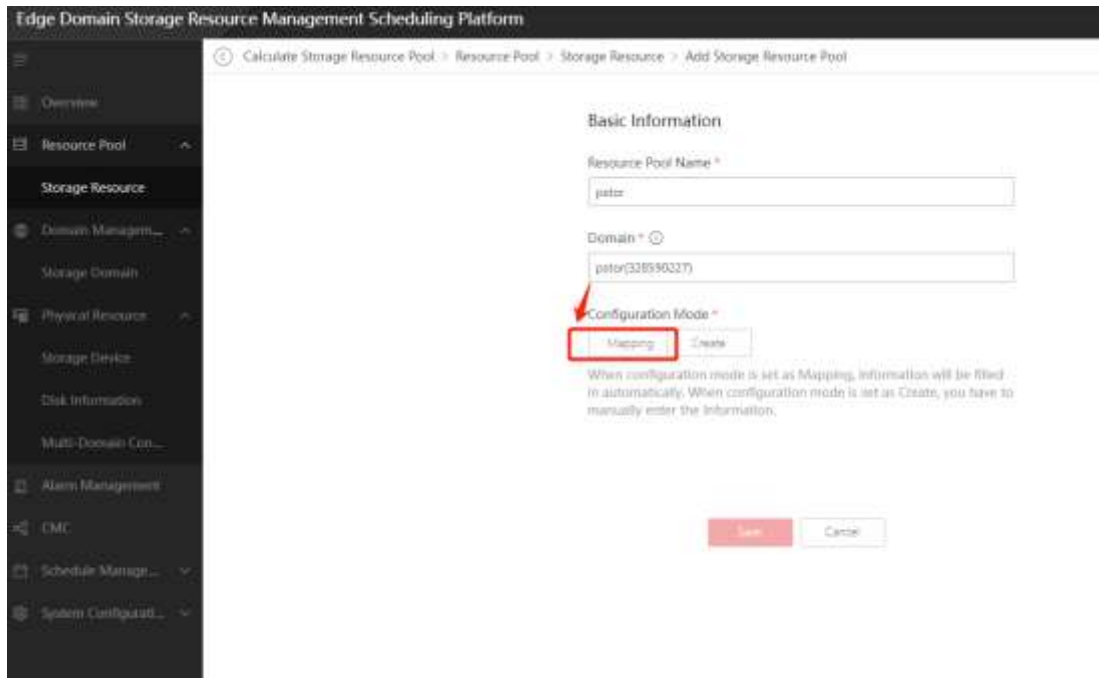
Enter Domain Management ->Storage Domain ->add, select the pstor domain, and enable load balancing as required.



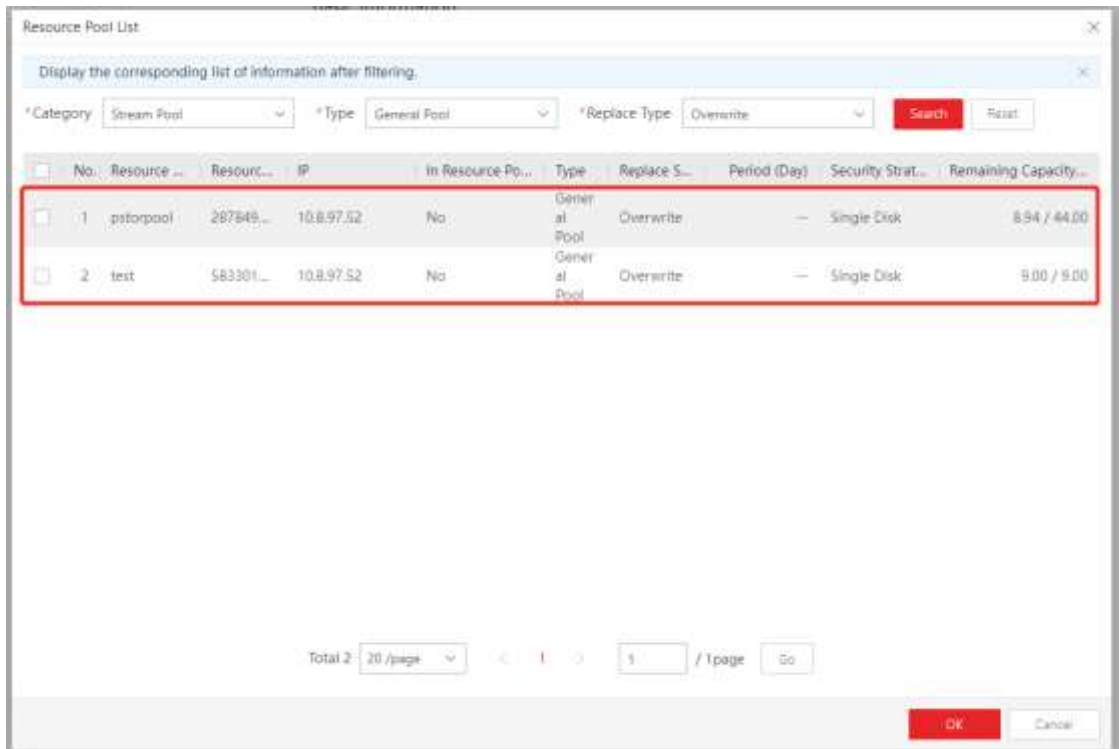
After successful creation, it is necessary to associate the corresponding pstor device.



Enter Resource Pool ->Storage Resource ->Add, create a new resource pool, and select the previously created pstor domain.



Click Mapping to obtain a resource pool that has been already created in pstor. You can associate multiple resource pools of the same type under different pstors, but you cannot associate two resource pools under the same pstor.

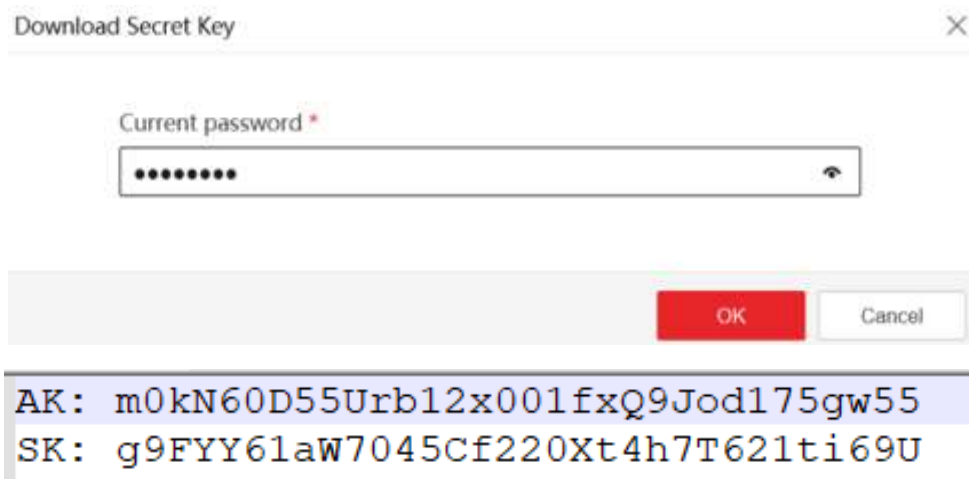


Step 4: Obtain the Key value of the SAC

Enter System Configuration -> User Management -> Download the key value.



Enter the password and obtain the key value.



### 5.HCP Configuration

Enter Device-> Recording server-> add.



Select the pstor Cluster Service and enter the corresponding IP address, user name,

password and Key value obtained from the SAC.

← Add Recording Server

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Basic Information

Type  pStor  
 Hybrid Storage Area Network  
 Network Video Recorder <sup>?</sup>  
 Cluster Storage  
 pStor Cluster Service

\*Address: 10.8.97.58

\*Network Port: 9012

\*Signaling Gateway Port: 6300

\*Access Secret Key: m0kN90D55Urb12x001fxQ9lod175gw55

\*Secret Key: g9FYV81aW7045Ct220304h7T621669U

Enable WAN Access

\*Name: pstor cluster

\*User Name: admin

\*Password: Abc12345

—————  Strong

Enter Area, select the corresponding channel, and then configure the recording in the pstor cluster service (picture storage is not supported).

The screenshot displays the Hikvision iVMS-4200 Professional web interface. The left sidebar contains a navigation menu with options like 'Device', 'Camera', 'Storage', and 'Recording'. The main content area is titled 'Camera 01' and shows 'Recording Settings'. A live video feed of an office is visible at the top. Below it, the 'Recording Settings' section is highlighted with a red box. It includes a 'Main Storage' section with a 'Storage Location' dropdown set to 'pfs://Cluster Service' and a 'Storage Type' dropdown set to 'Near-Real Time Storage'. A 'Recording Schedule' section is also visible, set to 'All Day Time Based Template'.

Supports global setting for the full disk.

Camera 01

Basic Information Recording Settings Storage Settings

Backup  Live View

Recording Settings

Main Storage  Get Device Recording Settings

Storage Location: pfs://Cluster Service

Storage Type:  Near-Real Time Storage  Scheduled Copy-Back

Recording Schedule: All Day Time Based Template

Template: [The cluster drive service only supports the standard and supported recording schedule]

Stream Type: Main Stream