



HUAWEI CLOUD Service - Management System



Foreword

- This course describes how to manage systems on the HUAWEI CLOUD management console.



Objectives

- After completing this course, you will be able to:
 - Understand how to access, register, and log in to HUAWEI CLOUD official website.
 - Understand the layout, attributes, and benefits of HUAWEI CLOUD management console.
 - Understand frequent operations on HUAWEI CLOUD management console.
 - Understand Identify and Access Management (IAM) on HUAWEI CLOUD management console.
 - Understand how to access and use the management consoles of HUAWEI CLOUD services such as Elastic Cloud Server (ECS) and Elastic Volume Service (EVS).



Contents

- 1. Registration and Login**
2. HUAWEI CLOUD Management Console
3. Identity and Access Management (IAM)
4. Examples of HUAWEI CLOUD Services



Register a HUAWEI CLOUD Account

Browser address bar: <https://intl.huaweicloud.com/?locale=en-us&ticket=ST-6640-rpw29vOpOrEOVUK0IpEf6Adr-sso&locale=en-us>

Navigation bar: HUAWEI | Products | Solutions | Pricing | Getting Started | Partners | Support | Search | EN | International | Console | Log In | **Register**

Header: HUAWEI CLOUD | South Africa-Johannesburg Region | [Learn More](#)

Register Your HUAWEI CLOUD Account

Region: Hong Kong (China) ☐ Cannot be changed once registered.

Account name

Password

Confirm password

Email

Verification code [Get Code](#)

☐ I have read and agree to the [Privacy Statement](#) and [HUAWEI CLOUD Customer Agreement](#)

[Register](#)

Annotations: 1 (points to Register button), 2 (points to Register button)



Log In to HUAWEI CLOUD

The screenshot shows the Huawei Cloud website interface. The top navigation bar includes links for Products, Solutions, Pricing, Getting Started, Partners, and Support. The 'Log In' button is highlighted with a red box and a yellow arrow labeled '1'. The main content area features the Huawei Cloud logo and the tagline 'Enabling an Intelligent World Bridging Today and Tomorrow'. A modal form titled 'Account Login' is displayed, containing fields for 'Account name or email' and a password field (masked with dots). The 'Log In' button is highlighted with a red box and a yellow circle labeled '2'. Below the 'Log In' button are links for 'Free Registration' and 'IAM User Login'.



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Management Console Homepage

The screenshot displays the Huawei Cloud Management Console homepage. At the top, the header includes the Huawei Cloud logo, the region 'Hong Kong', and navigation links for 'Console', 'Service List', and 'Favorites'. Below the header, a user profile section shows 'Hello, fukaihong' with a 'Top Up' button and an 'Expenditures' button. The 'Account Balance' is displayed as '\$0.00 USD'. The main content area is divided into two tabs: 'All Services' (selected) and 'My Favorites'. Under 'All Services', there are two columns of service cards. The 'Computing' column lists 'Elastic Cloud Server (0)', 'Auto Scaling (0)', 'Image Management Service (1)', and 'Dedicated Cloud (0)'. The 'Storage' column lists 'Elastic Volume Service (0)', 'Dedicated Storage Service (0)', 'Cloud Server Backup Service (0)', and 'Volume Backup Service (1)'. Each card includes an icon, the service name, a count in parentheses, and a brief description.

HUAWEI CLOUD Hong Kong Console Service List Favorites

Hello, **fukaihong** Account Balance **\$0.00 USD** **Top Up** Expenditures

All Services My Favorites

Computing ▾

- Elastic Cloud Server (0)**
Elastic, scalable computing servers
- Auto Scaling (0)**
Dynamically adjusts computing resources
- Image Management Service (1)**
Self-service image management
- Dedicated Cloud (0)**
Dedicated virtual resource pools in the cloud

Storage ▾

- Elastic Volume Service (0)**
Elastic, scalable block storage
- Dedicated Storage Service (0)**
Dedicated storage service
- Cloud Server Backup Service (0)**
Secure, reliable cloud server backup
- Volume Backup Service (1)**
Secure, reliable block storage backup



Management Scope

All ServicesMy Favorites

Enter a service or function name. Q

Computing

Elastic Cloud Server (0)
Elastic, scalable computing servers

Auto Scaling (0)
Dynamically adjusts computing resources

Image Management Service (1)
Self-service image management

Dedicated Cloud (0)
Dedicated virtual resource pools in the cloud

Cloud Container Engine (0)
Container service that features high availability and elastic scalability

Bare Metal Server (0)
Provides dedicated physical servers for tenants

Storage

Elastic Volume Service (0)
Elastic, scalable block storage

Dedicated Storage Service (0)
Dedicated storage service

Cloud Server Backup Service (0)
Secure, reliable cloud server backup

Volume Backup Service (1)
Secure, reliable block storage backup

Object Storage Service
Scalable cloud storage

Scalable File Service
Elastic, scalable file storage

CDN (0)
Content Delivery Network

Network

Virtual Private Cloud (1)
Secure, isolated virtual networks

Elastic Load Balance (0)
Distributes traffic across multiple servers

Virtual Private Network (0)
Secure, remote access to VPC networks

Direct Connect (0)
Provides high-speed, stable network access services

Domain Name Service (0)
Stable, secure, fast domain name resolution

NAT Gateway (0)
High-performance Internet gateway

Elastic IP (0)
Flexible public network access

Database

Relational Database Service (0)
Highly reliable relational database service

Distributed Cache Service (0)
Secure, convenient, high-speed caching

Document Database Service (0)
Document database service is a NoSQL database that uses an HA cloud computing architecture

Data Replication Service (0)
DRS is a stable, efficient, and easy-to-use cloud service for online data migration and real-time synchronization. It simplifies data transmission processes and reduces transmission costs.

Data Admin Service (0)

Security

Anti-DDoS
Professional, reliable DDoS protection

Advanced Anti-DDoS

Management Deployment

Cloud Eye
Resource monitoring and alarm notification

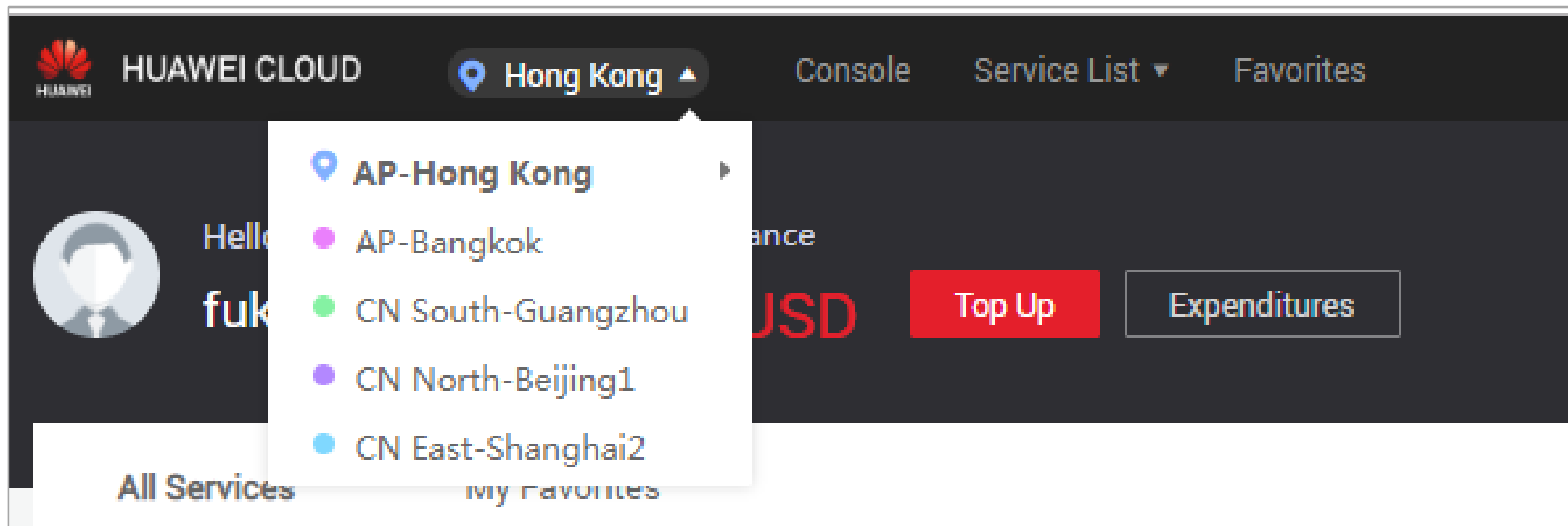
Enterprise Application

Application

ServiceStage
A one-stop DevOps platform can quickly build cloud distributed applications



Region Switching





User Information Management

[Fees](#) [Resources](#) [Service Ticke...](#) [Enterprise](#)

0

Orders to Renew Within 7 Days

0

Unpaid Orders

0

Service Tickets

Q

Fees

Account Balance

\$0.00 USD [Top Up](#)

Renewal

My Orders

Billing Dashboard

Invoices

Q

Fees

Resources

My Resources

My Package

My Quota

Open Beta Tests

Resources

Service Ticke...

My Service Ticket

Create Service Ticket




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What Is IAM?

Identity and Access Management (IAM) provides identity authentication and permission management. With IAM, you can manage user accounts and control their access to cloud resources through permissions and policies.


IAM

[Users](#)
[User Groups](#)
[Policies](#)
[Projects](#)
[Agencies](#)
[Identity Providers](#)
[Account Settings](#)

Users ?

[+ Create User](#)

IAM User Login Link <https://auth-intl.huaweicloud.com/authui/login?id=fukaihong>

You can create 48 more users.

Username	Description	Status	Last Login	Created	Operation
test01	--	Enabled	07/18/2018 20:54:50 GMT+08:...	07/18/2018 20:50:42 GMT+08:...	Set Credentials Delete Modify
	Enterprise administrator	Enabled	12/22/2018 10:46:46 GMT+08:...	06/07/2018 19:01:29 GMT+08:...	Set Credentials Delete Modify



IAM - Users

You can plan user groups based on users' responsibilities and grant them the corresponding permissions. Users in a user group have all of its permissions. User groups help improve the efficiency of permission management.

IAM

Users

User Groups

Policies

Projects

Agencies

Identity Providers

Account Settings

Users ?

+ Create User

IAM User Login Link <https://auth-intl.huaweicloud.com/authui/login?id=fukaihong>

You can create 48 more users.

Enter a username.

Q

Username	Description	Status	Last Login	Created	Operation
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IAM

Users

User Groups

Policies

Projects

Agencies

Identity Providers

Account Settings

Users > Create User

* Username

user01

* Credential Type

☒ Password

Is used to log in to the management console or enables development tools (such as API, CLI, and SDK) that support key authentication to access resources.

☐ Access key

Enables development tools (such as API, CLI, and SDK) that support key authentication to access resources.

User Groups

User Group	Description	Operation
admin	User group that has per...	Delete

Enter or select a user group.

Description

Enter user information.

0/255

Next

Cancel

Users > Create User

* Password Type

☒ Set at first login

A one-time login URL will be emailed to the specified email address.

☐ Automatically generated

The system will randomly generate a password for you.

☐ Set manually

Enter a custom password.

* Email

Mobile Number

+852(Hongkong(china))

Previous

OK

Cancel



IAM - Projects

Region	Project Name	Description	Status	Will Be Deleted At	Used/Total Quota	Operation
AP-Hong Kong	ap-southeast-1	--	Normal	--	1/10	View Modify
CN North-Beijing1	cn-north-1	--	Normal	--	0/10	View Modify

You can click **Modify** to modify the information about the project.

A project groups and isolates OpenStack resources, such as computing, storage, and network resources. Resources in your account must be mounted under projects. A project can be a department or a project team. You can access IAM with the security administrator permission to create projects in a region and perform isolated management of resources.



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Elastic Cloud Server

- Elastic Cloud Server (ECS) provides scalable, on-demand cloud servers for secure, flexible, and efficient application environments, ensuring reliable, uninterrupted services.
- An ECS is a computing server that consists of CPUs, memory, images, and EVS disks allowing on-demand allocation and elastic scaling. ECSs integrate Virtual Private Clouds (VPCs), virtual firewalls, and multi-data-copy capabilities to create efficient, reliable, and secure computing environments. This ensures stable and uninterrupted operation of services.



ECS Management Console

The screenshot shows the ECS Management Console interface. On the left is a sidebar with navigation links: Cloud Server Console, Dashboard, Elastic Cloud Server, Cloud Server Backup Service, Bare Metal Server, Elastic Volume Service, Dedicated Distributed Storage Service, Volume Backup Service, Image Management Service, and Auto Scaling. The main content area is titled 'Elastic Cloud Server' and includes a 'Buy ECS' button. A message advises installing a password-reset plug-in. Below this, a status bar shows 'You can create 200 more ECSs. The ECSs can use up to 800 vCPUs and 1,600 GB of memory.' Action buttons (Start, Stop, Restart, Delete) and filters (All statuses, Name) are present. A table with columns (Name/ID, AZ, Status, Type/Image, IP Address, Billing Mode, Operation) is shown, but it contains no data, indicated by a 'No data available' message.

Procedure

1. Log in to the management console, click **Service List** and choose **Computing > Elastic Cloud Server**.
2. On the displayed page, click **Buy ECS**.
3. Set parameters based on the planning for SAP application nodes and other nodes. (choose two types of login)
4. Create other ECSs as required.

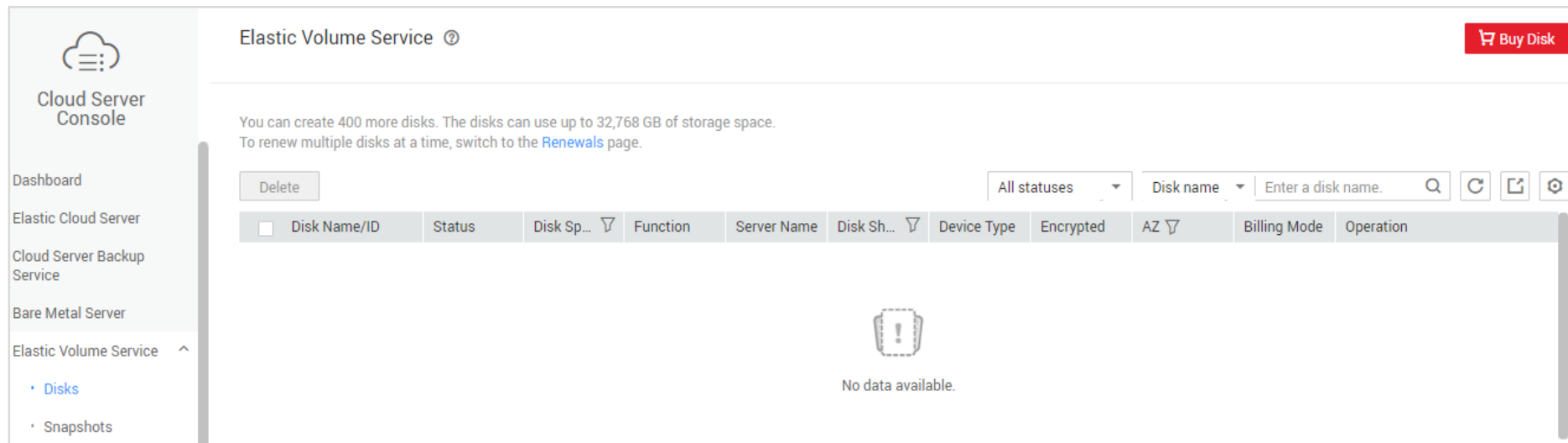


Elastic Volume Service

- Elastic Volume Service (EVS) is a scalable virtual block storage device with the distributed architecture. EVS disks provide high data reliability and I/O throughput. Using EVS disks is like using hard disks on physical servers. You can format EVS disks attached to ECSs, create file systems on EVS disks, and store data into them persistently.



EVS Management Console



Procedure

1. Visit the HUAWEI CLOUD website and log in to the management console.
2. Under Storage, click **Elastic Volume Service**.
3. The disk list page is displayed.
4. Click Buy Disk.
5. Configure basic information about the EVS disk as required.
6. Click Next and then Submit.
7. On the Resource Details page, you can confirm the disk details.
8. Pay for the fees as prompted and click OK.
9. The disk list page is displayed.
10. In the disk list, view the disk status.
11. If the disk status changes to Available, the disk is successfully created.
12. Click Attach in the Operation column and attach the disk to the ECS.



Summary

- Registration and Login
- HUAWEI CLOUD Management Console
- Identity and Access Management (IAM)
- Examples of HUAWEI CLOUD Services



Quiz

1. How many types of login users does HUAWEI CLOUD support?
 - A. 1
 - B. 2
 - C. 3
 - D. 4



Quiz

1. How many types of login users does HUAWEI CLOUD support?
 - A. 1
 - B. 2
 - C. 3
 - D. 4



Recommendations

- Huawei Learning website
 - <http://support.huawei.com/learning/en/newindex.html>
- HUAWEI CLOUD service website
 - <https://intl.huaweicloud.com/>



More Information

Acronyms or Abbreviations	Full Spelling
IAM	Identity and Access Management
ECS	Elastic Cloud Server
VPC	Virtual Private Cloud
EVS	Elastic Volume Service

The background of the image shows silhouettes of several groups of business professionals in a modern office environment. They are standing on a highly reflective floor, and their reflections are clearly visible. The entire scene is overlaid with a semi-transparent blue filter. In the center, the text "Thank You" is written in a large, white, sans-serif font, with the website address "www.huawei.com" in a smaller, white, sans-serif font directly below it.

Thank You
www.huawei.com