Flexus X Instance

Quick Start

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Huawei Cloud Computing Technologies Co., Ltd.

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1 Before You Start

Flexus X Instance (FlexusX) is a lightweight cloud server product designed for small- and medium-sized enterprises (SMEs) and developers. It is easy-to-use and suitable for light-load scenarios such as website setup, development and testing environments, enterprise applications, website analysis, and audio and video services.

This section helps you quickly understand and use FlexusX instances.

Product Basics

- **What Is FlexusX?**
- **FlexusX Instance Specifications**
- **Notes and Constraints on Using FlexusX Instances**
- **FlexusX Instance Image Types**
- **What Are the Differences Between FlexusL, FlexusX, and ECS?**

Billing Modes

FlexusX instances support yearly/monthly and pay-per-use billing modes to meet your requirements in different scenarios. You can change the billing mode from yearly/monthly to pay-per-use, and vice versa. For more information, see **Billing**.

Usage Process

1. Make preparations.

   Before purchasing a FlexusX instance, sign up for a HUAWEI ID and enable Huawei Cloud services. For details, see **Preparations**.

2. Purchase a FlexusX instance.

   On the FlexusX console, set the desired region, instance specifications, image, required duration, quantity, and other parameters required for purchasing a FlexusX instance. For details, see **Step 1: Purchase a FlexusX Instance**.

3. Log in to the FlexusX instance.

   Log in to the instance and set up applications such as e-commerce websites, web applications, learning platforms, or development and testing environments. For details, see **Step 2: Log In to a FlexusX Instance**.

Console Overview

On the Huawei Cloud management console, choose **Compute** > **Huawei Cloud Flexus** > **Flexus X Instance** to access the FlexusX console.
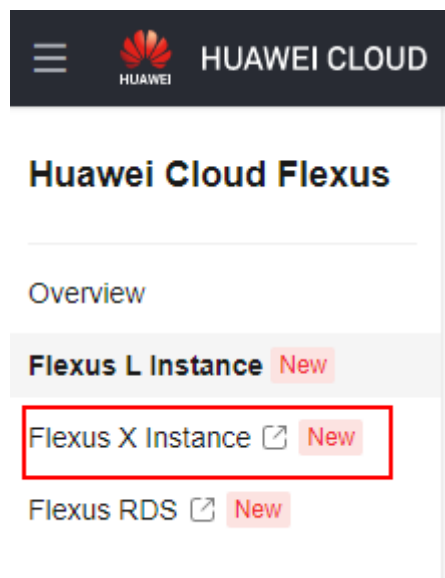
The FlexusX console displays your resources in all regions and resource details, including instance names and IDs, statuses, images, specifications, billing modes, and IP addresses. On the FlexusX console, you can purchase, renew, unsubscribe from, or delete resources, remotely log in to servers, and reset passwords.
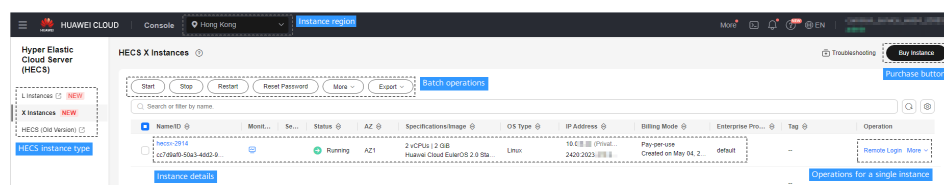
Developer Tools

In addition to the console, FlexusX also provides APIs for you to perform operations on instances, such as purchasing FlexusX instances. For details, see **API Reference**.

FAQs

- **What Are the Differences Between FlexusL, FlexusX, and ECS?**
- **What Is Flexible Compute Provided by FlexusX?**
- **What Processor Does FlexusX Use and What Are the Base and Turbo Frequencies?**
- **What Regions Does FlexusX Support?**
- **How Much Can Performance Be Improved If Performance Mode Is Enabled for a FlexusX Instance?**

For more information, check out **FAQs**.

Feedback and Suggestions

If you have any questions or suggestions when purchasing or using FlexusX instances, provide feedback in any of the following ways. We will provide professional technical support and high-quality product experience.

- Service ticket: The service ticket system provides 24/7 services. You can **submit a service ticket** to report technical issues or faults and quickly get technical help.

- After-sales hotline: The after-sales hotline provides 24/7 support. If you have any questions about account, finance, and billing, dial 4000-955-988 or 4000-950-808 and then dial 3.

- Document feedback: If you find any problem with the product documentation, such as incorrect links or content, you can provide feedback by either of the following:
  - Select the document content and click **Feedback**.
  - Click **Provide feedback** at the bottom of the page.

2 Purchasing and Logging In to a FlexusX Instance

Scenarios

This section describes how to purchase and log in to a FlexusX instance on the management console.

- Use common configuration examples to help you understand and purchase a FlexusX instance. For details, see **Purchasing a FlexusX Instance**.
- Use the Virtual Network Console (VNC) to help you quickly log in to a FlexusX instance.

Preparations

Before creating a FlexusX instance, sign up for a HUAWEI ID and enable Huawei Cloud services. For details, see **Signing Up for a HUAWEI ID and Enabling Huawei Cloud Services**.

Real-name authentication is required only when you buy or use cloud services provisioned in the Chinese mainland.

Step 1: Purchase a FlexusX Instance

1. On the **FlexusX console**, click **Buy FlexusX**.
2. Specify parameters required for purchasing a FlexusX instance.

Parameter	Example	Description
Billing Mode	Pay-per-use	Pay-per-use is a postpaid billing mode. You pay as you go and just pay for what you use.
Region	CN-Hong Kong	For low network latency and quick resource access, select the region nearest to your workloads. After a FlexusX instance is created, the region cannot be changed. Exercise caution when selecting a region.

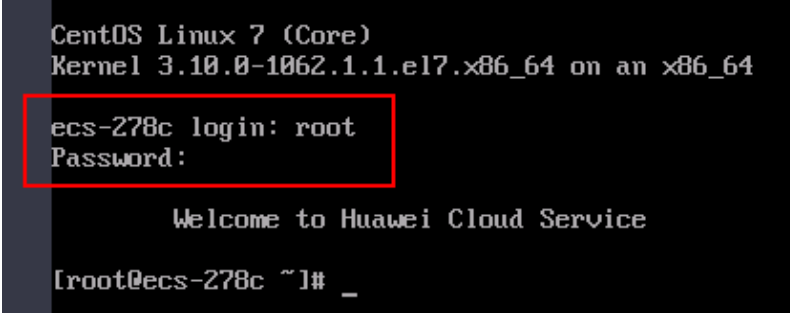| Parameter	Example	Description
Instance Specifications	- x86 Compute - Enable **Performance Mode**. - Select **2 vCPUs | 2 GiB**.	You can select either preset or custom FlexusX instance specifications as needed. FlexusX supports **performance mode**. Performance mode can provide the ultimate, stable performance assurance at additional costs. For details about the differences between x86-powered instance specifications with performance mode enabled and disabled, see **Instance Specifications (x86 Compute)**. For details about Kunpeng-powered instance specifications, see **Instance Specifications (Kunpeng Compute)**.
Image	Public image Huawei Cloud EulerOS 2.0 Standard 64 bit	A public image is a standard, widely used image. It contains an OS and pre-installed public applications. You can configure the runtime environment or software in the public image as needed.
Storage	System disk type and size: General Purpose SSD | 40 GiB	EVS disks provide storage capabilities for FlexusX instances, so you can configure EVS disks for your instances as needed.
Network	VPC: vpc-default Security group: default	A VPC allows you to create customized virtual private networks in your logically isolated AZ. You can select a VPC and security group with access rules configured to enhance the security of your FlexusX instances.
EIP	EIP type: Dynamic BGP Billed by: Bandwidth Bandwidth Size: 5 Mbit/s	You can bind an EIP to a FlexusX instance to allow public network access. - Dynamic BGP enables automatic failovers and chooses the optimal path if a network connection fails. - You will be billed based on the bandwidth size you set.

Parameter	Example	Description
(Optional) Associated Service	Cloud Eye and HSS	• If you enable Cloud Eye, an agent will be automatically installed on the FlexusX instance to provide 1-minute fine-grained monitoring of its metrics, such as vCPUs, memory, networking, disks, and processes. • If you enable HSS, your FlexusX instance will be provided with host security services that scan for weak passwords, system vulnerabilities, brute-force attacks, and unauthorized logins. HSS provides a basic protection trial edition for free. It can be used free of charge for one month. After it expires, the service will be unavailable.
Cloud Backup and Recovery	Retain the default setting.	Cloud Backup and Recovery (CBR) lets you back up disks and FlexusX instances and use the backups to restore data.
FlexusX Instance Name and Login Mode	Default name	You can customize your FlexusX instance name. If you purchase multiple FlexusX instances at a time, the system automatically appends suffixes to these instance names.
	Login Mode: Password	**Password**: A username and its initial password are used for FlexusX instance login authentication. Huawei Cloud EulerOS 2.0 Standard 64 bit is a Linux public image. The default username of the Linux public image is **root**.

3. Click **Next: Confirm**.

   Confirm the configuration details, and read and agree to the agreement.

   Hover your mouse pointer over the price to learn about price details.

4. Click **Submit** and complete the payment.

Step 2: Log In to a FlexusX Instance

1. Log in to the FlexusX **console**, in the upper left corner, click ⊙ , and select a region and project.

2. Locate the FlexusX instance you want to log in to, click **Remote Login** in the **Operation** column.

3. Enter the username and password as prompted to log in to the instance.

   – The default username for logging in to an instance created from a Linux public image is **root**.

   – The password is the one you configured when you purchased the FlexusX instance. If you forget the password, you can **reset it** on the console.

Figure 2-1 Entering the username and password