Flexus X Instance

API Reference

Issue   01
Date   2024-09-25

Huawei Cloud Computing Technologies Co., Ltd.

Address: Huawei Cloud Data Center Jiaoxinggong Road
             Qianzhong Avenue
             Gui'an New District
             Gui Zhou 550029
             People's Republic of China

Website: https://www.huaweicloud.com/intl/en-us/

Contents

1 API Reference

Overview

Flexus X Instance (FlexusX) is a next-generation flexible cloud server service designed for SMEs and developers. It provides application-defined cloud servers with intelligent awareness of service workloads. It is a good choice for medium and low workloads, such as e-commerce livestreaming, enterprise website setup, development and testing environments, game servers, and audio and video services.
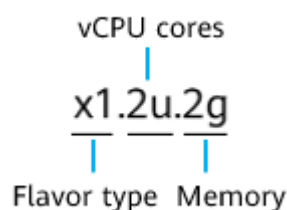
FlexusX uses the same set of APIs as Elastic Cloud Server (ECS). You can directly use ECS APIs to manage FlexusX. For details about ECS APIs, see **API Overview**.

Instance Flavor Naming

When using APIs, you need to understand the flavor naming rule of FlexusX.

Figure 1-1 shows the flavor naming rule of FlexusX instances, including the flavor type, number of vCPUs, and memory size.

Figure 1-1 Flavor naming rule

- Flavor type: x1 or x1e
  - x1 indicates the default flavor type of FlexusX.
  - x1e indicates the flavor type after performance mode is enabled for FlexusX.
- Number of vCPUs: For example, **2u** indicates 2 vCPUs.
- Memory: For example, **2g** indicates that the memory size is 2 GiB.

📖 NOTE

- The number of vCPUs and memory size vary depending on whether performance mode is enabled. For details, see **Instance Specifications**.
- The vCPUs and memory size of a FlexusX instance vary slightly in different regions. For details, see the flavors displayed on the console. Before using APIs, query the vCPUs and memory size on the console to prevent API calling failures.

General APIs

The following describes general APIs. For more details, see **API Overview** in the ECS API document.

Operation	API	Description
Creating a FlexusX instance	**Creating an ECS**	- Create a FlexusX instance with **flavorRef** set to **x1.?u.?g** in the request. - Create a FlexusX instance with **flavorRef** set to **x1e.?u.?g** in the request.
Changing the FlexusX instance flavor to the performance mode flavor	**Modifying the Specifications of an ECS**	Enable performance mode (changing the default flavor of a FlexusX instance to the performance mode flavor) with **flavorRef** set to **x1e.?u.?g** in the request.
Disabling performance mode		Disable performance mode for a FlexusX instance with **flavorRef** set to **x1.?u.?g** in the request.