Dedicated Host

Getting Started

Issue 01

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1 Buying DeHs

Scenarios

You can create DeHs within a few minutes by simply configuring parameters, such as the region, AZ, type, flavor, name, usage duration, and quantity. This topic describes how to create a yearly/monthly DeH on the management console.

Procedure

1. Log in to the management console.
2. Click  in the upper left corner and select the desired region and project.
3. Under **Computing**, click **Dedicated Host**.

   The **Dedicated Host** page is displayed.
4. Click **Buy DeH**.

   The **Buy DeH** page is displayed.
5. Configure the DeH parameters.

   Table 1-1 Parameter description

Parameter	Description
Billing Mode	Currently, only the yearly/monthly billing mode is supported. You only pay for the duration you selected.
Region	A region is a geographic area where your DeHs are located. Select the region closest to your services to reduce the latency and improve the download speed.
AZ	An AZ is a physical region where resources use independent power supply and networks. AZs are physically isolated but interconnected through an internal network. To enhance application availability, create DeHs in different AZs.

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Parameter	Description
DeH Category and DeH Type	For details about the available DeH categories and types, see **Overview**. **NOTE** Pay attention to the following when configuring the DeH type: • The DeH type determines the flavors and quantity of ECSs that can run on the DeH. • The **Supported ECS Flavors** area shows the ECS flavors supported by the DeH type. You can create an ECS of the listed flavor only after the DeH is created successfully. • If the DeH type you desire is unavailable or the system displays a message indicating that the resources have been sold out, contact the customer service.
Auto Placement	When **Auto Placement** is disabled for a DeH, new ECSs with auto placement selected will not be created on the DeH. When **Auto Placement** is enabled for a DeH, new ECS with auto placement selected may be created on the DeH. During ECS creation, you can still manually select DeHs with auto placement disabled to create ECSs on them.
Tag	Tags are identifiers of DeHs. Adding tags to DeHs helps you better identify and manage your DeHs. You can add a maximum of 10 tags to a DeH. For details about tag operations, see **Tag Management**.
DeH Name	You can specify the DeH name, which contains a maximum of 64 characters, including only letters, digits, underscores (_), periods (.), and hyphens (-).
Usage Duration	1 month to 3 years You can select **Auto-renew** to prevent resources from being deleted due to the expiration of the product subscription.
Quantity	When you buy multiple DeHs, the system will add a suffix to each DeH name, for example, **my_DeH-001** and **my_DeH-002**.

Check the total price. If you have any questions about the price details, click **Pricing details** to view more information.

6. Click **Allocate Now**, confirm the configuration information, and click **Submit**.
7. Pay for DeHs as prompted and click **OK**.
8. After you pay the order, the system will allocate your requested DeHs.

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Results

You can view the newly created DeH on the **Dedicated Host** page. If the DeH is not displayed immediately, refresh the page and wait for a while. If the status of the DeH changes to Available, you can use the DeH.

Follow-up Operations

After a DeH is provisioned, you can perform the following operations as needed:

- **Deploying ECSs on DeHs**
- **Migrating ECSs to DeHs**

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2 Deploying ECSs on DeHs

Scenarios

You can create ECSs of the supported flavors on your DeHs.

Prerequisites

Before creating an ECS on a DeH, ensure that you have:

- Created a DeH.
- Created a security group in the target region and added security group rules that meet your service requirements if you do not use the default security group.

  For details about the default security group and how to create a security group, see **Security Group Overview** in the *Virtual Private Cloud User Guide*.
- Created a key pair in the target region if you select the key pair login mode when creating an ECS.

  For details about how to create a key pair, see **Creating a Key Pair** in the *Elastic Cloud Server User Guide*.

Procedure

1. Log in to the management console.
2. Click  in the upper left corner and select the desired region and project.
3. Under **Computing**, click **Dedicated Host**.

   The **Dedicated Host** page is displayed.
4. In the list of DeHs, locate the DeH on which an ECS will be located and click **Buy ECS** in the **Operation** column.

   The **Buy ECS** page is displayed.

   For details, see **Purchasing an ECS**.

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NOTE

- To create an ECS without specifying a DeH, click Buy ECS in the upper right corner of the page. Ensure that the auto placement function is enabled for at least one DeH.
- When selecting an ECS type, pay attention to mapping between the ECS type and the DeH type. If no matched DeH resources exist, ECSs cannot be created.
- Currently, you can deploy only pay-per-use ECSs on DeHs.

Results

Click **Back to ECS List** and wait until the ECS is created. You can view information about the newly created ECS, including the name/ID, specifications, and IP address.

Related Operations

- **Querying ECSs on DeHs**
- **Modifying Specifications of ECSs on DeHs**

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3 Change History

Released On	Description
2019-07-30	This issue is the fifth official release, which incorporates the following changes: Added the **Tag** parameter description in **Buying DeHs**.
2019-04-15	This issue is the fourth official release, which incorporates the following changes: Added the execution result in **Deploying ECSs on DeHs**.
2019-03-20	This issue is the third official release, which incorporates the following changes: Optimized parameter description for creating a DeH in **Buying DeHs**.
2018-09-15	This issue is the second official release, which incorporates the following changes: • Deleted **Applying for the DeH OBT** because the OBT is completed. • Modified the process for creating a DeH in **Buying DeHs**.
2018-06-20	This issue is the first official release.

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