Dedicated Host

Getting Started

Issue 02
Date 2019-07-30
Contents

1 Buying DeHs..............................................................................................................................1
2 Deploying ECSs on DeHs........................................................................................................ 4
3 Change History.........................................................................................................................6
1 Buying DeHs

Scenarios

You will create DeHs within a few minutes by simply specifying related 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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Billing Mode</td>
<td>Currently, only the yearly/monthly billing mode is supported. The yearly/monthly billing mode is a prepaid mode. You need to pay for your order based on the usage duration you selected.</td>
</tr>
<tr>
<td>Region</td>
<td>A region is a geographic area where your DeHs are located. You are advised to select the region closest to your services to reduce the access latency and improve the download speed.</td>
</tr>
<tr>
<td>Parameter</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>AZ</td>
<td>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, you are advised to create DeHs in different AZs.</td>
</tr>
<tr>
<td>DeH Category and DeH Type</td>
<td>For details about the available DeH categories and types, see <a href="#">Overview</a>.</td>
</tr>
<tr>
<td><strong>NOTE</strong></td>
<td>Pay attention to the following when configuring the DeH type:</td>
</tr>
<tr>
<td></td>
<td>● The DeH type determines the flavors and quantity of ECSs that can run on the DeH.</td>
</tr>
<tr>
<td></td>
<td>● The <a href="#">Supported Flavors</a> area shows the ECS flavors supported by the DeH type. These ECS flavors are for your reference only and cannot be selected. You can create an ECS of the listed flavor only after the DeH is created successfully.</td>
</tr>
<tr>
<td></td>
<td>● 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.</td>
</tr>
<tr>
<td>Auto Placement</td>
<td>If Auto Placement is disabled for a DeH, and you enable the automatic placement function during ECS creation, the ECS created will not be scheduled to the DeH. Otherwise, the ECS may be scheduled to this DeH.</td>
</tr>
<tr>
<td></td>
<td>If Auto Placement is disabled for a DeH, you can specify the DeH on which the ECS to be deployed during ECS creation.</td>
</tr>
<tr>
<td>Tag</td>
<td>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 <a href="#">Tag Management</a>.</td>
</tr>
<tr>
<td>DeH Name</td>
<td>You can specify the DeH name, which contains a maximum of 64 characters, including only letters, digits, underscores (_), periods (.), and hyphens (-).</td>
</tr>
<tr>
<td>Usage Duration</td>
<td>1 month to 3 years</td>
</tr>
<tr>
<td></td>
<td>You can select <a href="#">Auto Renewal</a> to prevent resources from being deleted due to the expiration of the product subscription.</td>
</tr>
<tr>
<td>Quantity</td>
<td>When you buy multiple DeHs, the system will add a suffix to each DeH name, for example, <code>my_DeH-001</code> and <code>my_DeH-002</code>.</td>
</tr>
</tbody>
</table>
After the configuration, click **Pricing details** to view the fees for current configuration.

6. Click **Next**, 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.

**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 on DeHs**
2 Deploying ECSs on DeHs

Scenarios

If you have a DeH, you can create ECSs of the supported flavors on the DeH.

Prerequisites

Before creating an ECS on a DeH, ensure that the following tasks have been completed:

- A DeH has been created.
- You have 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 that is automatically created by the system.

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.

- You have 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.
   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”.


NOTE

- To create an ECS without specifying a DeH, click **Buy ECS** in the upper right corner of the page. In this case, ensure that the auto placement function is enabled on 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**
## 3 Change History

<table>
<thead>
<tr>
<th>Released On</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019-07-30</td>
<td>This issue is the fifth official release, which incorporates the following changes: Added the Tag parameter description in Buying DeHs.</td>
</tr>
<tr>
<td>2019-04-15</td>
<td>This issue is the fourth official release, which incorporates the following changes: Added the execution result in Deploying ECSs on DeHs.</td>
</tr>
<tr>
<td>2019-03-20</td>
<td>This issue is the third official release, which incorporates the following changes: Optimized parameter description for creating a DeH in Buying DeHs.</td>
</tr>
</tbody>
</table>
| 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. |