

# Alibaba Cloud Dedicated Host

User Guide

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# Generic conventions

Table -1: Style conventions

| Style   | Description  | Example  |
|---|--|--|
|  | This warning information indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results. |  <b>Danger:</b><br>Resetting will result in the loss of user configuration data.                                    |
|  | This warning information indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.  |  <b>Warning:</b><br>Restarting will cause business interruption. About 10 minutes are required to restore business. |
|  | This indicates warning information, supplementary instructions, and other content that the user must understand.                           |  <b>Note:</b><br>Take the necessary precautions to save exported data containing sensitive information.             |
|   | This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.                       |  <b>Note:</b><br>You can use <b>Ctrl + A</b> to select all files.   |
| >   | Multi-level menu cascade.  | <b>Settings &gt; Network &gt; Set network type</b>   |
| <b>Bold</b>   | It is used for buttons, menus, page names, and other UI elements.  | Click <b>OK</b> .  |
| Courier font  | It is used for commands.   | Run the <code>cd /d C:/windows</code> command to enter the Windows system folder.  |
| <i>Italics</i>  | It is used for parameters and variables.   | <code>bae log list --instanceid Instance_ID</code>   |
| [ ] or [a b]  | It indicates that it is a optional value, and only one item can be selected.   | <code>ipconfig [-all -t]</code>  |
| { } or {a b}  | It indicates that it is a required value, and only one item can be selected.   | <code>swich {stand   slave}</code>   |

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# 1 View resources on a DDH

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You can manage the resources on a Dedicated Host (DDH) in the ECS console.

## Prerequisites

For more information about the available resources of a DDH, see [create a DDH](#).

## Procedure

1. Log on to the [ECS console](#).
2. In the left-side navigation pane, click **DDH**.
3. Select a region.
4. In the host list, view **vCPU Usage/Total**, **Memory Usage/Total**, and **Local disk Usage/Total**.



### Note:

- For the total resources corresponding to different host types, see [dedicated host types](#).
- The **Local Storage Usage/Total** of non-SSD DDH is shown as **0/0**.

5. Select a DDH and view its details on the **DDH Details** window.

If an ECS instance has been created on a specified DDH, you can switch to the **Instances** page to view the instance details. Click **Manage** in the **Actions** column to enter the instance list page.

## 2 Migrate ECS across DDHs

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To meet your business requirements for flexible deployment, you can migrate ECS instances across DDHs under your account.

### Prerequisites

Before migrating an ECS instance across DDHs, make sure the following:

- You have at least two DDHs of the same Dedicated Host type. For more information, see [create a DDH](#).
- The destination DDH has sufficient available resources for the ECS instance. For more information, see [view resources on a DDH](#).
- The billing method of the ECS instance is supported on the destination DDH.

### Context

Before you migrate an ECS instance across DDHs, consider the following:

- The source DDH and the destination DDH must be owned by one account, in the same region and zone, and of the same Dedicated Host type. However, ECS instances hosted on a DDH with local SSD disks cannot be migrated. For more information, see [dedicated host types](#).
- The ECS instance must be in the **Stopped** status.



#### Note:

An ECS instance must be in the Stopped status when migrating. Stopping an ECS instance may interrupt your business operations. Proceed with caution.

- The billing method of the ECS instance must be supported on the destination DDH:  
[Subscription](#) On a Subscription DDH, both Subscription and Pay-As-You-Go ECS instances can run. The Subscription ECS instance to be migrated must expire earlier than the destination DDH.

### Procedure

1. Log on to the [ECS console](#).
2. In the left-side navigation pane, click **Instances**.
3. Select a region.
4. Optional: In the upper-right corner of the instance list, click the settings icon, and on the dialog box, click **Dedicated Host**, and then click **OK**.



You can view the **Dedicated Host** column in the table, which helps you locate the DDH that an ECS instance is hosted on.

5. Find an ECS instance, and in the **Actions** column, select **More > Stop**, to stop the instance.
6. When the instance is in the **Stopped** status, in the **Actions** column, select **More > Modify DDH Deployment**.
7. On the dialog box, select a DDH and click **OK**.

### **Result**

Refresh the instance list until the Dedicated Host information is updated. The instance starts automatically. Finally it is in the **Running** status.

## 3 Migrate ECS from a shared cloud hosting server to a DDH

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To meet your business requirements for flexible deployment, you can migrate ECS instances from a shared cloud hosting server to a DDH under your account.

### Prerequisites

Before migrating an ECS instance from a shared cloud hosting server to a DDH, make sure the following:

- You have at least one DDH that can run the instance of the specified type. For more information, see [create a DDH](#).
- The destination DDH has sufficient available resources for the ECS instance. For more information, see [view resources on a DDH](#).
- The billing method of the ECS instance is supported.

### Context

Before you migrate an ECS instance from a shared cloud hosting server to a DDH, consider the following:

- The ECS instance and the destination DDH must be owned by one account and in the same region and zone. Besides, the ECS instance type must be eligible on the DDH. For more information, see [dedicated host types](#).

**Note:**

ECS instances with local SSD disks cannot be migrated.

- The ECS instance must be in the **Stopped** status.

**Note:**

An ECS instance must be in the Stopped status when migrating. Stopping an ECS instance may interrupt your business operations. Proceed with caution.

- The billing method of the ECS instance depends on the billing method of the destination DDH:  
[Subscription](#) On a Subscription DDH, both Subscription and Pay-As-You-Go ECS instances can run. The Subscription ECS instance to be migrated must expire earlier than the destination DDH.

## Procedure

1. Log on to the [ECS console](#) .
2. In the left-side navigation pane, click **Instances**.
3. Select a region.
4. Optional: In the upper-right corner of the instance list, click the Set Display Items icon, and on the dialog box, click **Dedicated Host**, and then click **OK**.

You can view the **Dedicated Host** column in the table, which helps you locate the host that an ECS instance is hosted on.

5. Find an ECS instance, and in the **Actions** column, select **More > Stop**, to stop the instance.
6. When the instance is in the **Stopped** status, in the **Actions** column, select **More > Modify DDH Deployment**.
7. On the dialog box, select a DDH and click **OK**.

## Result

Refresh the instance list until the Dedicated Host information is updated. The instance starts automatically. Finally It is in the **Running** status.

## 4 Manual renewal

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After a Subscription DDH is created, you can renew it manually at any time before it expires.

### Context

If it is not renewed within the specific period, the DDH shuts down and even gets released automatically. For more information, see [Subscription](#).

### Procedure

1. Log on to the [ECS console](#).
2. In the left-side navigation pane, click **DDH**.
3. Select a region.
4. Select a DDH, and on the top of the table, select **Action > Renew**.
5. On the **Renew** page, follow these steps:
  - a) Select a renewal period: 1 Month or 1 Year.
  - b) Confirm the **Dedicated Host Service Terms**.
  - c) Click **Create Order**.
6. Follow the prompts to complete the payment and the service will be activated automatically.

## 5 Auto renewal

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When the auto renewal feature is enabled for a Subscription DDH, the DDH is renewed automatically according to the auto renewal schedule to avoid unexpected release.

### Fees deduction during auto renewal

When the auto renewal feature is enabled, we charge the subscription fee to your linked credit card or PayPal account on the expiration date (T). If the payment fails, we will try again on Day 7 (T+6) and Day 15 (T+14) until the payment is successful. If all the three payment attempts fail, the DDH shuts down.

### Enable auto renewal

You can enable auto renewal by using either of the following methods.

#### Enable on creation

You can enable [create a DDH](#) the auto renewal feature when creating a Subscription DDH.

When the feature is enabled, your Subscription DDH is renewed automatically, and the renewal period is determined by its purchase cycle:

- For a yearly subscribed DDH, the renewal period is one year.
- For a monthly subscribed DDH, the renewal period is one month.
- For a weekly subscribed DDH, the renewal period is one week.

#### Enable after creation

After a Subscription DDH is created, you can enable the auto renewal feature in the ECS console. Below shows how to enable auto renewal feature after DDH creation.

The Subscription DDH is not in the **Expired** status.

To enable the auto renewal feature, follow these steps:

1. Log on to the [ECS console](#).
2. In the left-side navigation pane, click **DDH**.
3. Select a region.
4. Select one or more Subscription DDHs. On the top of the table, select **Actions > Set Auto Renewal**.
5. In the dialog box, turn on the **Auto Renewal** switch, select a renewal period, and click **OK**.

## Disable auto renewal

If you do not want your Subscription DDH to be renewed automatically, you can disable the feature.

To disable the auto renewal feature, follow these steps:

1. Log on to the [ECS console](#).
2. In the left-side navigation pane, click **DDH**.
3. Select a region.
4. Select one or more Subscription DDHs. On the top of the table, select **Actions > Set Auto Renewal**.
5. In the dialog box, turn off the **Auto Renewal** switch. You can decide whether to turn on the **Do Not Renew** switch or not. When this switch is turned on, the DDH is not renewed after it expires.