

## Cloud Backup and Recovery

# Getting Started

|       |            |
|-------|------------|
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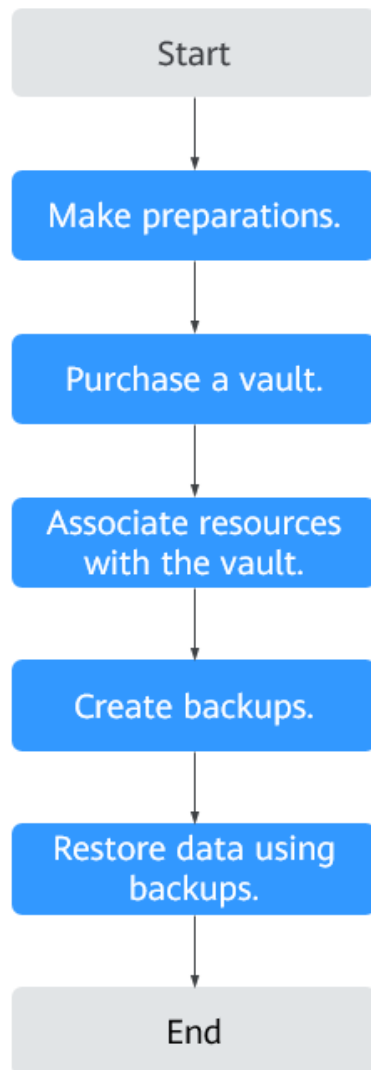
# 1 Before You Start

---

This section describes how to use CBR to back up cloud servers, cloud disks, on-premises servers, and file systems. The following figure illustrates the process.

You can directly associate resources when purchasing a vault. You can configure a backup policy when purchasing a vault to perform automatic backup. Or you can back up manually after associating resources to your vault.

**Figure 1-1** Backup process



**NOTE**

You can associate resources to a vault and set a backup policy when purchasing the vault to perform automatic backup. You can also manually back up data later.

## Operation Procedure

1. Register with Huawei Cloud and top up the account. For details, see [Step 1: Making Preparations](#).
2. Purchase a backup vault of the right type based on the resources you want to protect. See the following sections for more information:
  - [Purchasing a Server Backup Vault](#)
  - [Purchasing a Disk Backup Vault](#)
  - [Purchasing an SFS Turbo Backup Vault](#)
3. Associate resources with the vault if you have not done so during vault purchase. For details, see [Step 3: Associate a Resource with the Vault](#).

4. Create backups for the associated resources. Backups are stored in vaults. See the following sections for more information:
  - [Creating a Cloud Server Backup](#)
  - [Creating a Cloud Disk Backup](#)
  - [Creating an SFS Turbo Backup](#)
5. Use backups to restore the resources from virus attacks or accidental deletion. See the following sections for more information:
  - [Restoring from a Cloud Server Backup](#)
  - [Restoring from a Cloud Disk Backup](#)

# 2 Step 1: Making Preparations

---

Before using CBR, make the following preparations:

- [Registering with Huawei Cloud](#)
- [Creating an IAM User](#)

## Registering with Huawei Cloud

If you already have a Huawei Cloud account, skip this part. If you do not have a Huawei Cloud account, perform the following steps to create one:

1. Visit [www.huaweicloud.com/eu/](http://www.huaweicloud.com/eu/) and click **Register**.
2. On the displayed page, register an account as prompted.

After the registration is complete, you will be redirected to your personal information page.

## Creating an IAM User

If you want to allow multiple users to manage your resources without sharing your password or private key, you can create IAM users and grant permissions to the users. These users can use specified links and their own accounts to access the public cloud and help you manage resources efficiently. You can also configure account security policies to ensure the security of these accounts.

If you have registered with the public cloud but have not created an IAM user, you can create one on the IAM console. For example, to create a CBR administrator, perform the following steps:

1. Enter your username and password to log in to the management console.
2. Hover the mouse over the username in the upper right corner and choose **Identity and Access Management** from the drop-down list.
3. In the navigation pane on the left, choose **Users**.
4. On the **Users** page, click **Create User**.
5. Enter user information on the **Create User** page.
  - **Username:** Enter a username, for example, **cbr\_admin**.
  - **Email Address:** Email address of the IAM user. This parameter is mandatory if the access type is specified as **Set by user**.

- (Optional) **Mobile Number**: Mobile number of the IAM user.
  - (Optional) **Description**: Enter the description of the user, for example, **CBR administrator**.
6. Select **Management console access** for **Access Type** and **Set now** for **Password**. Enter a password and click **Next**.

 **NOTE**

A CBR administrator can log in to the management console and manage users. You are advised to select **Set now** for **Password Type** when you create a CBR administrator for your domain. If you create a CBR administrator for other users, you are advised to select **Set by user** for **Password Type** instead so that the users can set their own password.

7. (Optional) Add the user to the **admin** user group and click **Create**.
- User group **admin** has all the operation permissions. If you want to grant fine-grained permissions to IAM users, see [Creating a User and Granting CBR Permissions](#).

The user is displayed in the user list. You can click the IAM user login link to log in to the console.

# 3

## Step 2: Purchase a Vault

---

### 3.1 Purchasing a Server Backup Vault

This section describes how to purchase a server backup vault.

#### Procedure

**Step 1** Log in to the CBR console.

1. Log in to the management console.
2. Click  in the upper left corner and select a region.
3. Click  and choose **Storage > Cloud Backup and Recovery**. Select a backup type from the left navigation pane.

**Step 2** In the upper right corner of the page, click **Buy Server Backup Vault**.

**Step 3** Select a protection type.

- **Backup:** A server backup vault stores server backups.

**Step 4** (Optional) In the server list, select the servers or disks you want to back up. After the servers or disks are selected, they are added to the list of selected servers. See [Figure 3-1](#). You can also select specific disks on a server and associate them with the vault.

---

#### NOTICE

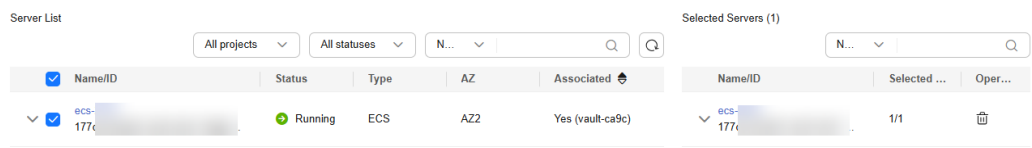
To avoid data inconsistency after restoration, you are advised to back up the entire server.

If you want to back up only some of the disks to reduce costs, ensure that data on the backed up disks does not depend on the disks that are not backed up. Or, data inconsistency may occur.

For example, the data of an Oracle database is scattered across different disks. If only some of the disks are backed up, restoration restores only the data of the disks that have been backed up, with data on the rest of the disks unchanged. As a result, the data may be inconsistent and the Oracle database may fail to start.

---

Figure 3-1 Selecting servers



NOTE

- The selected servers must have not been associated with any vault and must be in the **Running** or **Stopped** state.
- You can also associate servers with the vault you are creating later if you skip this step.

**Step 5** Specify a vault capacity ranging from 10 GB to 10,485,760 GB. **Properly plan the vault capacity**, which must be at least the same as the size of the servers you want to back up. Also, if a backup policy is applied to the vault, more capacity is required.

As the vault's used space grows, you can expand the vault capacity if it becomes insufficient.

**Step 6** Configure auto backup.

- If you select **Configure**, you must then select an existing backup policy or create a new policy. After the vault is created, CBR will apply the policy to this vault, and all servers associated with this vault will be automatically backed up based on this policy.
- If you select **Skip**, servers associated with this vault will not be automatically backed up until you apply a backup policy to the vault.

**Step 7** If you have subscribed to the Enterprise Project Management Service (EPS), add the vault to an existing enterprise project.

EPS provides a unified method to manage cloud resources by project, allowing you to manage resources, users, and user groups in your projects. The default enterprise project is **default**.

NOTE

If the **CBR FullAccess** permissions have been assigned to IAM users, enterprise projects will not be displayed for you to choose from when you create a vault. Go to the Enterprise Project Management console and assign the **CBR FullAccess** permissions to the target user group.

**Step 8** (Optional) Add tags to the vault.

Tags are key-value pairs, which are used to identify, classify, and search for vaults. You can add a maximum of 10 tags for a vault, and vault tags are only used for vault search and management.

**Table 3-1** describes the parameters of a tag.

**Table 3-1** Tag parameter description

| Parameter | Description                                                                                                                                                                                                                                                                                   | Example Value |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Key       | Each tag has a unique key. You can customize a key or select the key of an existing tag created in TMS.<br>A tag key: <ul style="list-style-type: none"><li>• Can contain 1 to 36 Unicode characters.</li><li>• Can contain only letters, digits, hyphens (-), and underscores (_).</li></ul> | Key_0001      |
| Value     | A tag value can be repetitive or left blank.<br>A tag value: <ul style="list-style-type: none"><li>• Can contain 0 to 43 Unicode characters.</li><li>• Can contain only letters, digits, hyphens (-), and underscores (_).</li></ul>                                                          | Value_0001    |

**Step 9** Specify a name for the vault.

The name must contain 1 to 64 characters including digits, letters, underscores (\_), or hyphens (-), for example, **vault-f61e**.

 **NOTE**

You can also use the default name **vault\_XXXX**.

**Step 10** Complete the payment as prompted.**Step 11** Go back to the **Cloud Server Backups** page. You can see the created vault in the vault list.

You can associate servers with the vault and perform backup for the servers. For details, see [Vault Management](#).

-----End

## 3.2 Purchasing a Disk Backup Vault

This section describes how to purchase a disk backup vault.

### Procedure

**Step 1** Log in to the CBR console.

1. Log in to the management console.
2. Click  in the upper left corner and select a region.
3. Click  and choose **Storage > Cloud Backup and Recovery**. Select a backup type from the left navigation pane.

- Step 2** In the upper right corner of the page, click **Buy Disk Backup Vault**.
- Step 3** (Optional) In the disk list, select the disks you want to back up. After disks are selected, they are added to the list of selected disks. See [Figure 3-2](#).

Figure 3-2 Selecting disks

| Disk List                           |          |              |              |                |             |           | Selected Disks (1) |          |              |
|-------------------------------------|----------|--------------|--------------|----------------|-------------|-----------|--------------------|----------|--------------|
|                                     |          | All projects | All statuses | N...           |             |           | N...               |          |              |
|                                     |          |              |              |                |             |           |                    |          |              |
| <input checked="" type="checkbox"/> | Name     | Status       | EC2 Instance | Capacity (GiB) | Used As     | Encrypted | Associated         | Name     | EC2 Instance |
| <input checked="" type="checkbox"/> | ecs-2b67 | In-use       | ecs-2b67     | 40             | System Disk | No        | No                 | ecs-2b67 | ecs-2b67     |

NOTE

- The selected disks must have not been associated with any vault and must be in the **Available** or **In-use** state.
  - You can also associate disks with the vault you are creating later if you skip this step.
- Step 4** Specify a vault capacity ranging from 10 GB to 10,485,760 GB. **Properly plan the vault capacity**, which must be at least the same as the size of the disks you want to back up.

- Step 5** Configure auto backup.
- If you select **Configure**, you must then select an existing backup policy or create a new policy. After the vault is created, CBR will apply the policy to this vault, and all disks associated with this vault will be automatically backed up based on this policy.
  - If you select **Skip**, disks associated with this vault will not be automatically backed up until you apply a backup policy to the vault.

- Step 6** If you have subscribed to the EPS service, add the vault to an existing enterprise project.

EPS provides a unified method to manage cloud resources by project, allowing you to manage resources, users, and user groups in your projects. The default enterprise project is **default**.

NOTE

If the **CBR FullAccess** permissions have been assigned to IAM users, enterprise projects will not be displayed for you to choose from when you create a vault. Go to the Enterprise Project Management console to add the permissions.

- Step 7** (Optional) Add tags to the vault.
- Tags are key-value pairs, which are used to identify, classify, and search for vaults. Vault tags are used to filter and manage vaults only. A vault can have a maximum of 10 tags.

[Table 3-2](#) describes the parameters of a tag.

**Table 3-2** Tag parameter description

| Parameter | Description                                                                                                                                                                                                                                                                                   | Example Value |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Key       | Each tag has a unique key. You can customize a key or select the key of an existing tag created in TMS.<br>A tag key: <ul style="list-style-type: none"><li>• Can contain 1 to 36 Unicode characters.</li><li>• Can contain only letters, digits, hyphens (-), and underscores (_).</li></ul> | Key_0001      |
| Value     | A tag value can be repetitive or left blank.<br>A tag value: <ul style="list-style-type: none"><li>• Can contain 0 to 43 Unicode characters.</li><li>• Can contain only letters, digits, hyphens (-), and underscores (_).</li></ul>                                                          | Value_0001    |

**Step 8** Specify a name for the vault.

The name must contain 1 to 64 characters including digits, letters, underscores (\_), or hyphens (-), for example, **vault-612c**.

 **NOTE**

You can also use the default name **vault\_XXXX**.

**Step 9** Complete the payment as prompted.**Step 10** Go back to the **Cloud Disk Backups** page. You can see the created vault in the vault list.

You can associate disks to the new vault or perform backup for the disks. For details, see [Vault Management](#).

-----End

## 3.3 Purchasing an SFS Turbo Backup Vault

This section describes how to purchase an SFS Turbo backup vault.

### Procedure

**Step 1** Log in to the CBR console.

1. Log in to the management console.
2. Click  in the upper left corner and select a region.
3. Click  and choose **Storage > Cloud Backup and Recovery > SFS Turbo Backups**.

**Step 2** In the upper right corner of the page, click **Buy SFS Turbo Backup Vault**.

**Step 3** Select a protection type.

- **Backup:** An SFS Turbo backup vault stores SFS Turbo backups.

**Step 4** (Optional) In the file system list, select the file systems to be backed up. After file systems are selected, they are added to the list of selected file systems.

 **NOTE**

- The selected file systems must have not been associated with any vault and must be in the **Available** state.
- You can also associate file systems with the vault you are creating later if you skip this step.

**Step 5** Specify a vault capacity ranging from 10 GB to 10,485,760 GB. **Properly plan the vault capacity**, which must be at least the same as the size of the file systems you want to back up.

**Step 6** Configure auto backup.

- If you select **Configure**, you must then select an existing backup policy or create a new policy. After the vault is created, CBR will apply the policy to this vault, and all file systems associated with this vault will be automatically backed up based on this policy.
- If you select **Skip**, file systems associated with this vault will not be automatically backed up until you apply a backup policy to the vault.

**Step 7** If you have subscribed to the EPS service, add the vault to an existing enterprise project.

EPS provides a unified method to manage cloud resources by project, allowing you to manage resources, users, and user groups in your projects. The default enterprise project is **default**.

 **NOTE**

If the **CBR FullAccess** permissions have been assigned to IAM users, enterprise projects will not be displayed for you to choose from when you create a vault. Go to the Enterprise Project Management console to add the permissions.

**Step 8** (Optional) Add tags to the vault.

Tags are key-value pairs, which are used to identify, classify, and search for vaults. You can add a maximum of 10 tags for a vault, and vault tags are only used for vault search and management.

**Table 3-3** describes the parameters of a tag.

**Table 3-3** Tag parameter description

| Parameter | Description                                                                                                                                                                                                                                                                                   | Example Value |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Key       | Each tag has a unique key. You can customize a key or select the key of an existing tag created in TMS.<br>A tag key: <ul style="list-style-type: none"><li>• Can contain 1 to 36 Unicode characters.</li><li>• Can contain only letters, digits, hyphens (-), and underscores (_).</li></ul> | Key_0001      |
| Value     | A tag value can be repetitive or left blank.<br>A tag value: <ul style="list-style-type: none"><li>• Can contain 0 to 43 Unicode characters.</li><li>• Can contain only letters, digits, hyphens (-), and underscores (_).</li></ul>                                                          | Value_0001    |

**Step 9** Specify a name for the vault.

The name must contain 1 to 64 characters including digits, letters, underscores (\_), or hyphens (-), for example, **vault-612c**.

 **NOTE**

You can also use the default name **vault\_XXXX**.

**Step 10** Complete the payment as prompted.**Step 11** Go back to the **SFS Turbo Backups** page. You can see the created vault in the vault list.

You can associate file systems to the new vault or perform backup for the file systems. For details, see [Vault Management](#).

----End

# 4

## Step 3: Associate a Resource with the Vault

If you have already associated servers, file systems, or disks when purchasing a vault, skip this step.

After a server backup vault, SFS Turbo backup vault, or disk backup vault is created, you can associate servers, file systems, or disks with the vault to back up these resources.

### Prerequisites

- A vault can be associated with a maximum of 256 resources.
- The servers you plan to associate with a vault must have at least one disk attached.
- The vault and the resources you plan to associate with it must be in the same region.
- The total size of the resources to be associated cannot be greater than the vault capacity.
- Resources can be associated only when they are in the statuses in the table below.

**Table 4-1** Resource statuses available for association

| Resource Type         | Status              |
|-----------------------|---------------------|
| Cloud server          | Running or Stopped  |
| Cloud disk            | Available or In-use |
| SFS Turbo file system | Available           |

### Procedure

**Step 1** Log in to the CBR console.

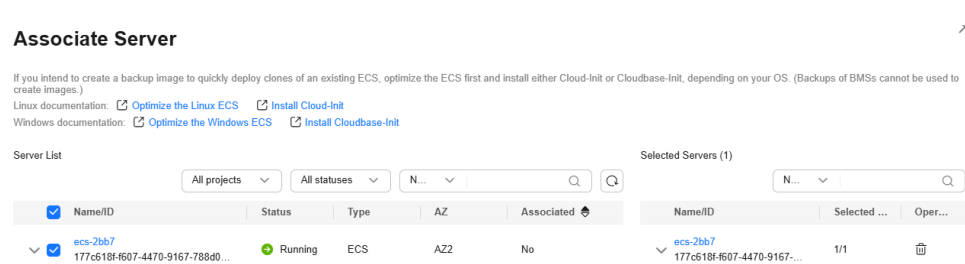
1. Log in to the management console.

2. Click  in the upper left corner and select a region.
3. Click  and choose **Storage > Cloud Backup and Recovery**. Select a backup type from the left navigation pane.

**Step 2** On a backup page, locate the target vault and click **Associate Server**, **Associate File System**, or **Associate Disk**.

**Step 3** In the resource list, select the resources you want to associate with the vault. After resources are selected, they are added to the list of selected resources. See [Figure 4-1](#).

**Figure 4-1** Associate Server



**Step 4** Click **OK**. Then on the **Associated Servers** tab page, you can view the number of resources that have been associated.

 **NOTE**

After a new disk is added to the associated server, the system automatically identifies the new disk and backs up the new disk.

----End

# 5 Step 4: Create a Backup

---

## 5.1 Creating a Cloud Server Backup

This section describes how to quickly create a cloud server backup.

The backup process for BMSs is the same as that for ECSs.

If you do not need an ECS for the moment, you can back up the ECS and then delete it. When you want an ECS later, you can create an image from the ECS backup and use the image to create ECSs.

Backing up a server does not impact the server performance.

Peak hours of the backup service are from 22:00 to 08:00, during which there may be delays. So you are advised to evaluate your service types and schedule backups in discrete time periods.

### Prerequisites

- Only servers in the **Running** or **Stopped** state can be backed up.
- At least one server backup vault is available.

### Procedure

**Step 1** Log in to the CBR console.

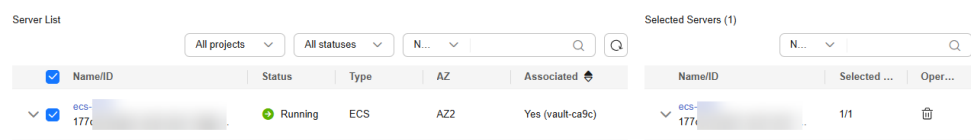
1. Log in to the management console.
2. Click  in the upper left corner and select a region.
3. Click  and choose **Storage > Cloud Backup and Recovery**. Select a backup type from the left navigation pane.

**Step 2** On the **Cloud Server Backups** page, click the **Vaults** tab and find the vault to which the server is associated.

**Step 3** Perform backup in either of the following ways:

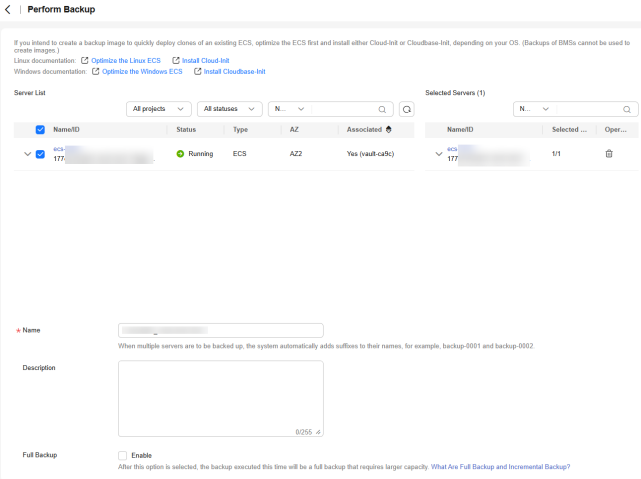
- Choose **More > Perform Backup** in the **Operation** column. In the server list, select the server you want to back up. After a server is selected, it is added to the list of selected servers. See [Figure 5-1](#).

Figure 5-1 Selecting the server to be backed up



- Click the vault name to go to the vault details page. On the **Associated Servers** tab page, locate the target server and click **Perform Backup** in the **Operation** column. See [Figure 5-2](#).

Figure 5-2 Perform Backup



**Step 4** Set **Name** and **Description** for the backup. [Table 5-1](#) describes the parameters.

Table 5-1 Parameter description

| Parameter | Description                                                                                                                                                                                                                                                                                                                                                                                                   | Remarks       |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Name      | <p>Name of the backup you are creating.</p> <p>A name must contain 1 to 64 characters including digits, letters, underscores (_), or hyphens (-).</p> <p><b>NOTE</b></p> <p>You can also use the default name <b>manualbk_XXXX</b>.</p> <p>If multiple servers are to be backed up, the system automatically adds suffixes to their backup names, for example, <b>backup-0001</b> and <b>backup-0002</b>.</p> | manualbk_d819 |

| Parameter   | Description                                                    | Remarks |
|-------------|----------------------------------------------------------------|---------|
| Description | Description of the backup.<br>It cannot exceed 255 characters. | --      |

**Step 5** Choose whether to enable full backup. If full backup is enabled, CBR performs a full backup on every associated server, which requires a larger capacity compared to an incremental backup. See [Figure 5-3](#).

**Figure 5-3** Full Backup

Full Backup  ☐ Enable

**Step 6** Click **OK**. CBR automatically creates a backup for the server.

On the **Backups** tab page, if the status of the backup is **Available**, the backup task is successful.

 **NOTE**

- A server can be restarted if the backup progress exceeds 10%. However, to ensure data integrity, restart it after the backup is complete.

After the backup is complete, you can use the backup to restore server data or create an image. For details, see [Restoring from a Cloud Server Backup](#) and [Using a Backup to Create an Image](#).

----End

## 5.2 Creating a Cloud Disk Backup

This section describes how to quickly create a cloud disk backup.

If the disk to be backed up is encrypted, the backup will also be automatically encrypted. The encryption attribute of backups cannot be changed.

Backing up a server does not impact the disk performance.

Peak hours of the backup service are from 22:00 to 08:00, during which there may be delays. So you are advised to evaluate your service types and schedule backups in discrete time periods.

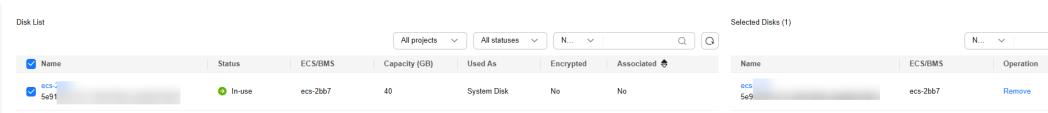
### Prerequisites

A disk can be backed up only when its status is **Available** or **In-use**. If you have performed operations such as expanding, attaching, detaching, or deleting a disk, refresh the page first to ensure that the operation is complete and then determine whether to back up the disk.

Procedure

- Step 1** Log in to the CBR console.
- Log in to the management console.
  - Click  in the upper left corner and select a region.
  - Click  and choose **Storage > Cloud Backup and Recovery**. Select a backup type from the left navigation pane.
- Step 2** On the **Cloud Disk Backups** page, click the **Vaults** tab and find the vault to which the disk is associated.
- Step 3** Perform backup in either of the following ways:
- Click **Perform Backup** in the **Operation** column. In the disk list, select the disk you want to back up. After a disk is selected, it is added to the list of selected disks. See [Figure 5-4](#).

Figure 5-4 Selecting the disk to be backed up



- Click the vault name to go to the vault details page. On the **Associated Disks** tab page, locate the target disk and click **Perform Backup** in the **Operation** column.

 NOTE

CBR will identify whether the selected disk is encrypted. If it is encrypted, the backups will be automatically encrypted.

- Step 4** Set **Name** and **Description** for the backup. [Table 5-2](#) describes the parameters.

Table 5-2 Parameter description

| Parameter | Description                                                                                                                                                                                                                                                                                                                                                                                                 | Remarks       |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Name      | <p>Name of the backup you are creating.</p> <p>A name must contain 1 to 64 characters including digits, letters, underscores (_), or hyphens (-).</p> <p><b>NOTE</b></p> <p>You can also use the default name <b>manualbk_XXXX</b>.</p> <p>If multiple disks are to be backed up, the system automatically adds suffixes to their backup names, for example, <b>backup-0001</b> and <b>backup-0002</b>.</p> | manualbk_d819 |

| Parameter   | Description                                                    | Remarks |
|-------------|----------------------------------------------------------------|---------|
| Description | Description of the backup.<br>It cannot exceed 255 characters. | --      |

**Step 5** Choose whether to enable full backup. If full backup is enabled, CBR performs a full backup on every associated disk, which requires a larger capacity compared to an incremental backup. See [Figure 5-5](#).

**Figure 5-5** Full Backup

Full Backup  ☐ Enable

**Step 6** Click **OK**. CBR automatically creates a backup for the disk.

On the **Backups** tab page, if the status of the backup is **Available**, the backup task is successful.

 **NOTE**

- If you delete data from the disk during the backup, the deleted data may fail to be backed up. Therefore, to ensure data integrity, delete the target data after the backup is complete, and then perform the backup.

After the backup is complete, you can use the backup to restore disk data. For details, see [Restoring Data Using a Cloud Disk Backup](#).

----End

## 5.3 Creating an SFS Turbo Backup

This section describes how to quickly create an SFS Turbo file system backup.

To ensure data integrity, you are advised to back up the file system during off-peak hours when no data is written to the file system.

Peak hours of the backup service are from 22:00 to 08:00, during which there may be delays. So you are advised to evaluate your service types and schedule backups in discrete time periods.

### Prerequisites

A file system can be backed up only when its status is **Available** or **In-use**. If you have performed operations such as expanding, mounting, unmounting, or deleting a file system, refresh the page first to ensure that the operation is complete and then determine whether to back up the file system.

### Procedure

**Step 1** Log in to the CBR console.

1. Log in to the management console.
2. Click  in the upper left corner and select a region.
3. Click  and choose **Storage > Cloud Backup and Recovery > SFS Turbo Backups**.

**Step 2** On the **SFS Turbo Backups** page, click the **Vaults** tab and find the vault to which the file system is associated.

**Step 3** Perform backup in either of the following ways:

- Choose **More > Perform Backup** in the **Operation** column. In the file system list, select the file system to be backed up. After a file system is selected, it is added to the list of selected file systems.
- Click the vault name to go to the vault details page. On the **Associated File Systems** tab page, locate the target file system and click **Perform Backup** in the **Operation** column.

**Step 4** Set **Name** and **Description** for the backup. [Table 5-3](#) describes the parameters.

**Table 5-3** Parameter description

| Parameter   | Description                                                                                                                                                                                                                                                                                                                                                                                  | Remarks       |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Name        | Name of the backup you are creating.<br>A name must contain 1 to 64 characters including digits, letters, underscores (_), or hyphens (-).<br><b>NOTE</b><br>You can also use the default name <b>manualbk_XXX</b> .<br>If multiple file systems are to be backed up, the system automatically adds suffixes to their backup names, for example, <b>backup-0001</b> and <b>backup-0002</b> . | manualbk_d819 |
| Description | Description of the backup.<br>It cannot exceed 255 characters.                                                                                                                                                                                                                                                                                                                               | --            |

**Step 5** Click **OK**. CBR automatically creates a backup for the file system.

On the **Backups** tab page, if the status of the backup is **Available**, the backup task is successful.

 **NOTE**

- If you delete data from the file system during the backup, the deleted data may fail to be backed up. Therefore, to ensure data integrity, delete the target data after the backup is complete, and then perform the backup.

After the backup is complete, you can create a new SFS Turbo file system using the backup. For details, see [Using a Backup to Create a File System](#).

----End