Volume Backup Service

Getting Started

Issue 04

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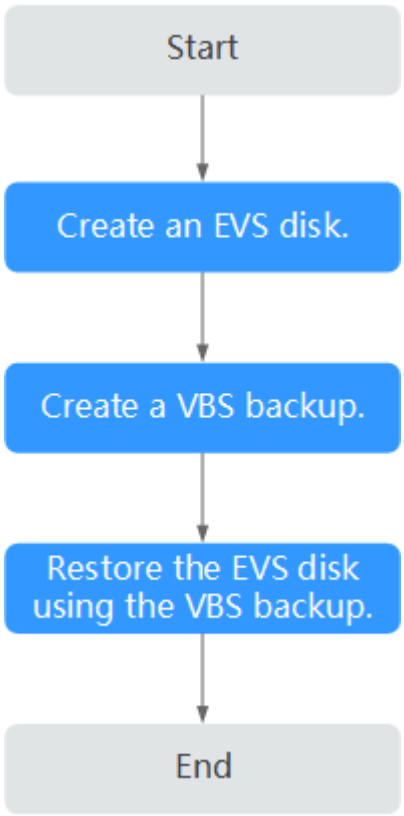
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1 Operation Procedure

Figure 1-1 shows the process for VBS related operations.

Figure 1-1 Operation procedure flowchart



NOTE

Creating VBS backups includes the creation of manual backup tasks and automatic backup tasks.

To restore an EVS disk using its backup data, you can restore the backup data to the original disk or use the backup data to create a new disk.

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2 Creating a VBS Backup

You can create backups for your EVS disks to protect the disk data through the VBS console or the EVS console.

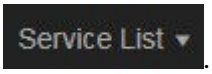
Precautions

An EVS 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 an EVS disk, refresh the page first to ensure the completion of the operation and then determine whether to back up the disk.

Create a VBS Backup (Method 1)

Step 1 Log in to the HUAWEI CLOUD website at **http://www.huaweicloud.com/en-us/**. Register a HUAWEI CLOUD account.

Step 2 Log in to the management console.

Step 3 Click 

. Under **Storage**, click **Volume Backup Service**.

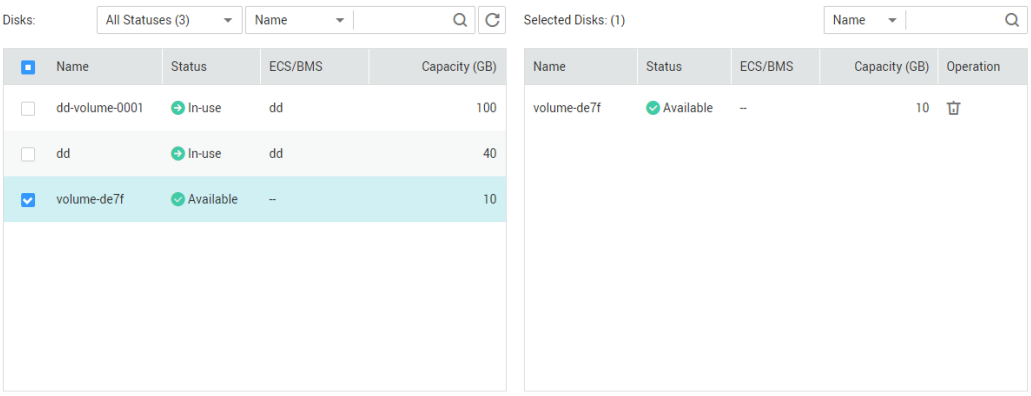
Step 4 On the VBS page, click **Create Backup**.

Step 5 From the EVS disk list on the left, click to select the EVS disks you want to back up. Then they appear in the **Selected Disks** list on the right. See **Figure 2-1**.

You can click  in the **Operation** column to delete EVS disks that do not need to be backed up.

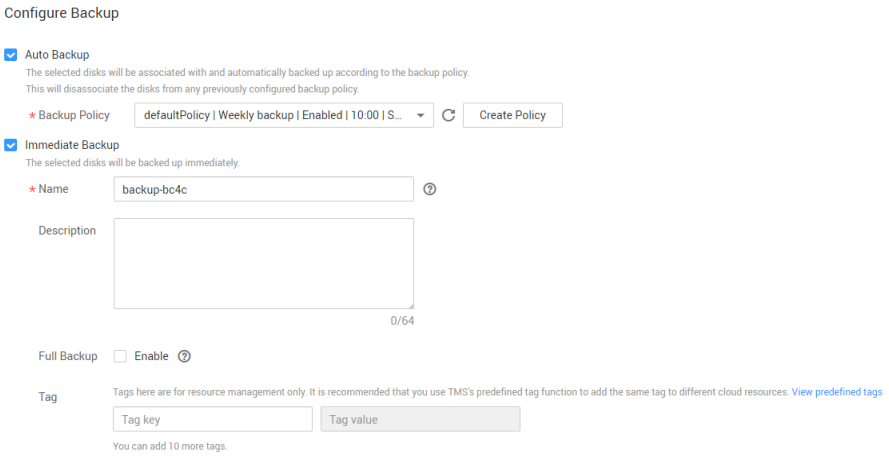
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Figure 2-1 Selecting a disk



Step 6 Confirm that the EVS disks selected for backup are correct. Then in the **Configure Backup** area below, set **Auto Backup** or **Immediate Backup** or both. See **Figure 2-2**.

Figure 2-2 Configuring backup schemes



NOTE

Auto Backup: The selected EVS disks will be associated with the backup policy. If the policy is enabled, the EVS disks will be automatically backed up according to the backup policy. If the selected EVS disks have been associated with another backup policy, they will be disassociated from that backup policy first and then associated with the new backup policy.

Immediate Backup: backs up the selected EVS disks at once.

- Select **Auto Backup**: In the **Backup Policy** drop-down list, select an existing one. You can also click **Create Policy** to create a new one. For details, see **Data Backup Using a Backup Policy**.
- Select **Immediate Backup**: Enter the backup name and description. **Table 2-1** describes the parameters.

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Table 2-1 Parameter description

Parameter	Description	Example Value
Name	The name can only contain letters, digits, underscores (_), and hyphens (-). It cannot contain special characters or start with **auto**. If you select only one EVS disk to back up, the backup name ranges from 1 to 64 characters. If you select more than one EVS disk to back up, the backup name ranges from 1 to 59 characters.	disk01_backup
Description	The description consists of 0 to 64 characters and cannot contain a greater-than sign (>) or less-than sign (<).	for_test

Step 7 Add tags to the backup.

A tag is represented in the form of a key-value pair. Tags are used to identify, classify, and search for cloud resources. Tags are used to filter and manage backup resources only. A backup can have a maximum of 10 tags.

Table 2-2 describes parameters of a tag.

Table 2-2 Parameter description

Parameter	Description	Example Value
Key	Each tag of a backup has a unique key. The key of a tag is user-definable or is selected from those of existing tags in Tag Management Service (TMS). The naming rules for a tag key are as follows: • It ranges from 1 to 36 Unicode characters. • It cannot be empty, cannot start or end with spaces, or contain ASCII (0-31) characters or the following special characters: =*<>\,|/	Key_0001
Value	The values of tags can be repetitive and can be blank. The naming rules for a tag value are as follows: • It ranges from 0 to 43 Unicode characters. • It can be an empty string. It cannot start or end with spaces, or contain non-printable ASCII (0-31) characters or the following special characters: =*<>\,|/	Value_0001

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Step 8 Click **Next**.

Step 9 Confirm the VBS backup information and click **Submit**.

Step 10 Switch back to the VBS backup list.

You can refresh the page after 10 seconds to view the backup creation status. When the **Status** of the backup changes to **Available**, the VBS backup has been successfully created.

----End

Create a VBS Backup (Method 2)

Step 1 Log in to the HUAWEI CLOUD website at **http://www.huaweicloud.com/en-us/**. Register a HUAWEI CLOUD account.

Step 2 Log in to the management console.

Step 3 Click Service List. Under **Storage**, click **Volume Backup Service**.

Step 4 Locate the row that contains the target EVS disk. Click **More** in the **Operation** column and select **Back Up**.

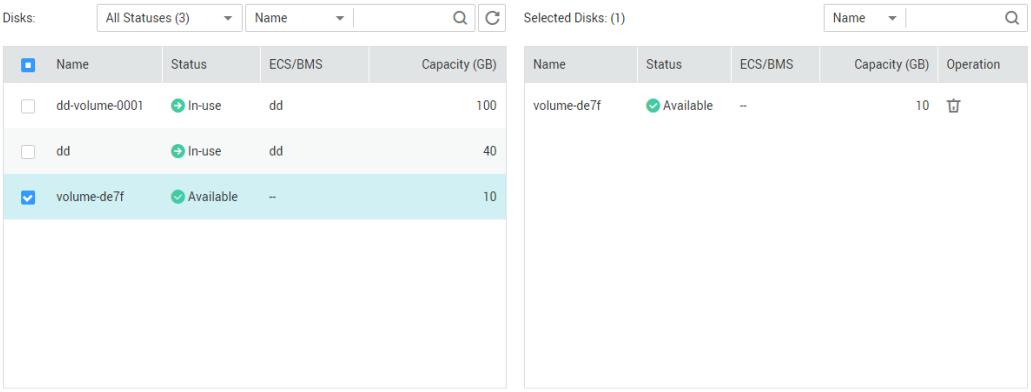
NOTE

If the backup does not support encryption, a dialog box is displayed stating "Backup data of encrypted disks will be saved in non-encryption mode. Are you sure you want to continue?". Click **OK** to continue.

Step 5 From the EVS disk list on the left, click to select the EVS disks you want to back up. Then they appear in the **Selected Disks** list on the right. See **Figure 2-3**.

You can click in the **Operation** column to delete EVS disks that do not need to be backed up.

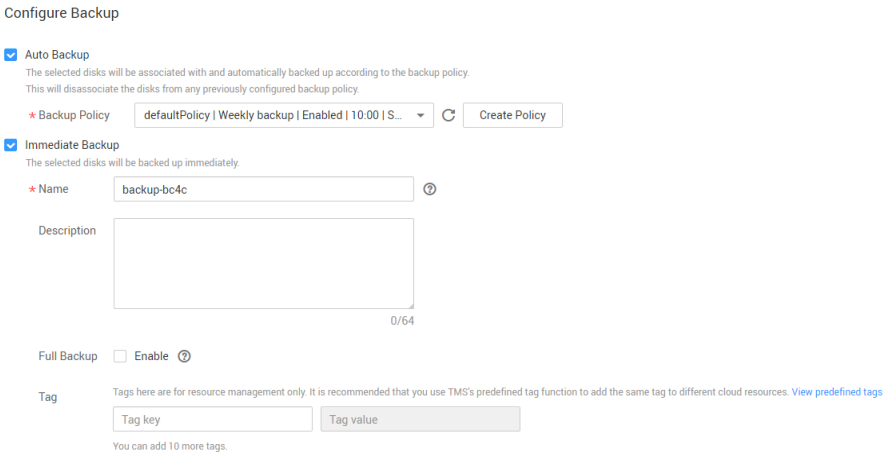
Figure 2-3 Selecting a disk



Step 6 Confirm that the EVS disks selected for backup are correct. Then in the **Configure Backup** area below, set **Auto Backup** or **Immediate Backup** or both. See **Figure 2-4**.

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Figure 2-4 Configuring backup schemes



NOTE

Auto Backup: The selected EVS disks will be associated with the backup policy and will be automatically backed up according to the backup policy. If the selected EVS disks have been associated with another backup policy, they will be disassociated from that backup policy first and then associated with the new backup policy.

Immediate Backup: backs up the selected EVS disks at once.

- Select **Auto Backup**: In the **Backup Policy** drop-down list, select an existing one. You can also click **Create Policy** to create a new one. For details, see **Data Backup Using a Backup Policy**.
- Select **Immediate Backup**: Enter the backup name and description. **Table 2-1** describes the parameters.

Step 7 Add tags to the VBS backup. **Table 2-2** describes the parameters.

A tag is represented in the form of a key-value pair. Tags are used to identify, classify, and search for cloud resources. Tags are used to filter and manage backup resources only. A backup can have a maximum of 10 tags.

Step 8 Click **Next**.

Step 9 Confirm the VBS backup information and click **Submit**.

Step 10 Switch back to the VBS backup list.

You can refresh the page after 10 seconds to view the backup creation status. When the **Status** of the backup changes to **Available**, the VBS backup has been successfully created.

----End

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3 Change History

Release Date	What's New
2019-03-22	This issue is the fourth official release. Updated the following content: Optimized the document structure and content.
2019-02-27	This issue is the third official release. Updated the following content: Optimized the VBS operation procedure flowchart.
2018-05-15	This issue is the second official release. Updated the following content: • Added the description of tags in section "Creating a VBS Backup".
2018-04-04	This issue is the first official release.

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