

Alibaba Cloud Hybrid Backup

Product Introduction

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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.	 Danger: 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.	 Warning: 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.	 Notice: 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.	 Note: You can use Ctrl + A to select all files.
>	Multi-level menu cascade.	Settings > Network > Set network type
Bold	It is used for buttons, menus, page names, and other UI elements.	Click OK.
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 an optional value, and only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
<code>{}</code> or <code>{a b}</code>	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 Restrictions

File backup restrictions

- Volume Snapshot Service (VSS) is supported on Windows clients. Only one snapshot can be created at a time.
- If during backup a file that has read permission is being modified by other applications, then the backup status is Partial Complete. The integrity of application data to be backed up needs to be guaranteed.
- If during backup a file is occupied by other processes or does not have read permission, then the backup status is Partial Complete.
-

Virtual machine backup restrictions

- The client to be backed up must be deployed using vSphere Web Client of version 5.5, 6.0, or 6.5.
- The backup gateway must allow access for VCenter and ESXi that manage virtual machine backups through Fully Qualified Domain Names (FQDNs) and IP addresses.
- Virtual machines to be backed up cannot have snapshots. If you select a virtual machine that has snapshots, the following information is prompted: The virtual machine has snapshots and cannot be backed up. If snapshots exist, delete them.
- Virtual machines with SCSI devices cannot be backed up because shared SCSI devices are not supported by VSphere VM snapshots.
- The name of the virtual machine that needs to be backed up cannot contain the following characters:
`` ^ ~ = ; ! / ([] { } @ $ \ & # % +`
- Incremental backup based on Changed Block Tracking (CBT) is not supported in the following scenarios:
 - The hardware version of the virtual machine is earlier than 7.
 - CBT is disabled on the virtual machine.
 - The disk mode of the virtual machine is a physical compatibility mode of RDM.
 - The disk mode of the virtual machine is independent_persistent or independent_nonpersistent.

2 Supported architectures and operating systems

Hybrid Backup Recovery (HBR) supports various popular architectures and operating systems. Currently, the following architectures and operating systems are supported:

Architectures

Architecture	Supported versions
Physical machine	Full support
Virtual machine	<ul style="list-style-type: none">• File backup: full support• Mirror backup: vSphere 5.5, 6.0, and 6.5
ECS	File backup: full support

Operating systems

System	Supported versions
Windows	7, 8, and 10
Windows Server	2008 R2, 2012, 2012 R2, and 2016
RHEL	7.0, 7.2, and 7.4
CentOS	6.9, 7.2, 7.3, and 7.4
Ubuntu	14.04 and 16.04
SUSE Linux Enterprise Server	11, 12, and 15