

Cloud Block Storage

Monitoring Cloud Disks

Product Documentation



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Monitoring Cloud Disks

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In order to maintain high reliability of data, it is important to provide a good monitoring environment for cloud disks. You can use Cloud Monitor to monitor the cloud disk that **has been mounted to an instance**. When you need to collect cloud disk statistics, perform [Mounting Cloud Disks to CVM Instances](#). With Cloud Monitor, you can view metric data of a cloud disk, and analyze and set the alarm for the cloud disk. Now, Cloud Monitor provides cloud disks with the following monitoring metrics:

Monitoring Item	Monitoring Metric	Meaning in Linux	Meaning in Windows	Unit	Dimension
Disk read traffic	disk_read_traffic	Average data volume read from a disk to a memory per second, take the maximum value among all partitions	Average data volume read from a disk to a memory per second, take the maximum value among all partitions	KB/s	unInstanceId
Disk write traffic	disk_write_traffic	Average data volume written from a memory to a disk per second, take the maximum value among all partitions	Average data volume written from a memory to a disk per second, take the maximum value among all partitions	KB/s	unInstanceId
Disk usage	disk_usage	Percentage of used disk space, displayed by partitions	Percentage of used disk space, displayed by partitions	%	unInstanceId
Disk I/O wait	disk_io_await	Average waiting time for each I/O operation of a device, take the maximum value among all partitions	Average waiting time for I/O operation of a device, take the maximum value among all partitions	ms	unInstanceId

For more information on monitoring metrics, please see [Cloud Monitor Product Documentation](#).

Cloud Monitor collects raw data of a disk from a running CVM instance and displays the data in easy-to-read charts. Statistics can be retained for a month by default so that you can observe the cloud disk situation during the month, and have a better understanding of usage and reading/writing data.

You can get the data via the [Cloud Monitor Console](#) or [Cloud Monitor API](#). The console also provides visualized charts of corresponding metrics. For more information, please see [Obtaining Monitoring Data of Specific Metrics](#) and [Viewing Monitoring Charts](#).