Cloud Block Storage

Monitoring Cloud Disks

Product Documentation

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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.