CloudMonitor

Product Introduction

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Overview

Definition

CloudMonitor is a service that monitors Alibaba Cloud resources and Internet applications. CloudMonitor can be used to collect monitoring metrics for Alibaba Cloud resources, detect Internet service availability, and set alerts for these monitoring metrics.

Customer benefits

CloudMonitor can monitor ECS, ApsaraDB, Server Load Balancer and other types of Alibaba Cloud service resources. It can also monitor Internet application availability via common network protocols such as HTTP and ICMP. CloudMonitor gives you a comprehensive understanding of the usage, performance, and running status of Alibaba Cloud resources. The alert service allows you to make quick responses to ensure that your applications run smoothly.

Product strengths

As a product with Alibaba Group's research efforts in server monitoring for years, CloudMonitor integrates the powerful data analysis capabilities of the Alibaba Cloud computing platform. CloudMonitor provides you with cloud service monitoring, site monitoring, and customized monitoring to safeguard your products and businesses.

Seamless integration

You do not need to buy or activate CloudMonitor. After registering an Alibaba Cloud account, you are automatically given access to the Cloud Monitor service. After buying and using Alibaba Cloud products, you can easily connect them with CloudMonitor to view their operation status and set alert policies.

Data visualization

Through Dashboard, CloudMonitor provides a rich array of diagram presentation formats. It supports full screen presentation and automatic data refresh. This can satisfy the metric data visualization needs in various scenarios.

Metric data processing

CloudMonitor allows you to process metric data through Dashboard based on a combination of temporal and spatial dimensions.

Flexible alerts

CloudMonitor also provides you with metric alert services. After setting reasonable alert policies and notification methods for metrics, you can immediately receive an alert notification when an exception occurs. This allows you to promptly discover and handle service exceptions, thereby increasing the availability of your products.

Application scenarios

CloudMonitor provides an extensive array of application scenarios, which are explained below using examples of different services.

Cloud service monitoring

After you have bought and used an Alibaba Cloud service supported by CloudMonitor, you can easily check the running status of your product as well as various metrics on the corresponding cloud service monitoring chart page. You can also set alert policies for the metrics.

System monitoring

By monitoring CPU usage, memory usage, outgoing public network traffic rate (bandwidth), and other basic indicators of the ECS instance, you can use the instance properly and avoid service malfunction due to resource overuse.

Rapid exception handling

CloudMonitor will send an alert message when metric data reaches an alert threshold based on the alert policies you set. This enables you to receive timely exception notifications and check the cause

for the exception.

Rapid resizing

You can set alert policies for various metrics such as bandwidth, connection count, and disk usage. This makes it easy for you to understand the current status of cloud services and resize them as necessary once an alert is triggered by an increase of service volume.

Site monitoring

At present, the site monitoring service supports monitoring eight protocols including HTTP, ICMP, TCP, UDP, DNS, POP3, SMTP, and FTP. This allows you to detect the availability, response time, and packet loss rate of your site. Therefore, you can get a complete picture of the availability of your site and rapidly handle any exceptions.

Customized monitoring

Customized monitoring is designed as a supplement to cloud service Monitoring. If CloudMonitor does not provide your desired metrics, you can create a new metric and report the acquired metric data to CloudMonitor. CloudMonitor will then display monitoring charts and raise alerts for the new metric.