Custom Cloud Monitor

Product Introduction

Product Documentation

Service Statement

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Product Overview

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1. Simple Operation and Management

Namespaces, dimensions and metrics can be categorized for management. It is easy to use with simple configurations, and clearly classified with lower management cost.

2. Lower Development Cost

With clear documentations and detailed cases, you can directly report the data without the need of writing complicated code. You can calculate the data using powerful data processing cluster.

3. Save on Data Storage Fee

CCM is completely free. Data storage and computation are free of charge. You can manage data and create charts and tables with CCM.

Product Features

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1. Customized Configuration of Metrics

In addition to the basic metrics of cloud products, you can report other metrics to Cloud Monitor platform based on different business needs. Tencent Cloud provides easy-to-use APIs in Cloud Monitor console for convenient configuration.

2. Automatic Analysis of Data

With powerful data processing cluster in the backend, we can collect, aggregate and analyze your data automatically based on your needs. The analyzed data are stored in our databases for future display.

3. Rich Variety of Charts

CCM supports viewing the same metrics of multiple instances and viewing multiple metrics of one instance. You can also view multi-day trends for one instance, or view a chart using a dimension aggregation.

4. Exception Alarm Notification

If a metric is of special concern, users can set alarms using alarm notification feature. By using pre-configured alarm threshold conditions, you don't need to monitor the metrics 24/7. You'll be notified immediately when a metric is exceptional.

Scenarios

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1. Real-time Monitoring of Service Quality

1.1 Scenario Description

If an API provides important service for your business in scenarios with massive business requests, you may want to monitor that whether this API is working properly and whether the service fulfills the quality requirement.

1.2 Capacity Provision

You only need to report the success rate of the API to the CCM platform. You can view the trend chart during a routine check. In an emergency, if the success rate is lower than the threshold, the relevant personnel will be notified immediately.

2. Early Detection of Business Exception

2.1 Scenario Description

In the scenario where a large number of users are playing game A in peak hours, you want to monitor the process loads of key business servers, so as to notify the admin immediately when an exception occurs to contain the damage.

2.2 Capacity Provision

Log in to the CCM console to configure the namespaces and dimension structures and report the process load metric. If the metric exceeds a certain range, the admin will be notified of this exception immediately.

3. Refinement Operation of Business

3.1 Scenario Description

To provide better service and experience for target users, you need to monitor the IP access data of different domains and different regions, so that you can analyze the target user base and deploy your service locally.

3.2 Capacity Provision

Log in to CCM console to report server URL, region information and access IP, and configure aggregation dimensions. For example, you can aggregate and calculate visits at region dimension, and view the trends of different time periods to quickly analyze the usage of target users, and to provide better services.

Product Advantages

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Product Limits

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- Each user can deploy a maximum of 10 namespaces.
- Each user can deploy a maximum of 10 metrics.
- Each user can create a maximum of 10 dimensions. Number of dimensions: number of original dimensions + number of aggregation dimensions. For example, a user specifies two metrics: diskusage and cpu_usage. The former contains dimensions ip and diskname, and the dimension ip is aggregated. The latter contains dimension cpu_name. In this case, the number of original dimensions and aggregation dimensions is 2 and 1 respectively, so there are 3 dimensions in total.
- There are only 5 dimensions under each metric.
- There are only 5 statistical methods under each metric.
- Only business data on Tencent Cloud's CVM is allowed to be reported.
- The data you reported will be retained for 30 days.
- An alarm rule corresponds to an alarm receiving group.
- CCM sends 1,000 alarm SMS messages to every developer each month.