

## Cloud Monitoring 文档

Cloud Monitoring 会通过 Google Cloud, Amazon Web Services (AWS), 托管的正常运行时间探测和应用插桩收集指标, 事件和元数据。使用 [BindPlane 服务](#), 您还可以从 150 多种常见应用组件、本地系统和混合云系统中收集这些数据。Google Cloud 的操作套件会提取这些数据, 并通过信息中心、图表和提醒生成数据分析。BindPlane 包含在 Google Cloud 项目中, 无需支付额外费用。

快速入门可参考以下链接: 包含支持AWS日志监控

<https://cloud.google.com/monitoring/docs/quickstart>

### Use Monitoring with Google Compute Engine

Use Monitoring with Compute Engine VM instances.

### Use Monitoring with Amazon EC2

Use Monitoring with Amazon Web Services<sup>1</sup> and Amazon EC2<sup>1</sup> VM instances.

### Use Datalab with Monitoring

Set up Datalab to work with Monitoring.

1、监控指标类型（GCP）：

[https://cloud.google.com/monitoring/api/metrics\\_gcp](https://cloud.google.com/monitoring/api/metrics_gcp)

2、选择定义图标指标：

<https://cloud.google.com/monitoring/charts/metrics-selector>

3、监控指标列表（全量）：

<https://cloud.google.com/monitoring/api/resources>

4、使用自定义指标：

<https://cloud.google.com/monitoring/custom-metrics>

5、通过控制台管理信息中心：


<https://cloud.google.com/monitoring/charts/dashboards>


6、安装Cloud Monitoring代理（适用于第三方云厂商）

<https://cloud.google.com/monitoring/agent/install-agent>


最终效果图展示:

## Overview




 OFF
 TIME **1H** 6H 1D 1W 1M 6W CUSTOM

### Resource dashboards

Name 	Resources
BigQuery	2
Cloud Storage	5
GCE Disks	464
GCE Firewalls	10
GCE Instances	234
Google Cloud Load Balancers	18
Kubernetes Engine (new)	1
VPN	2

### Uptime checks

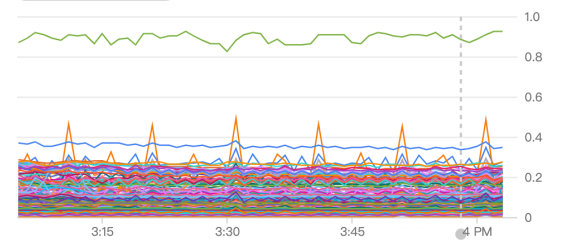
### Groups

### Incidents

### Charts

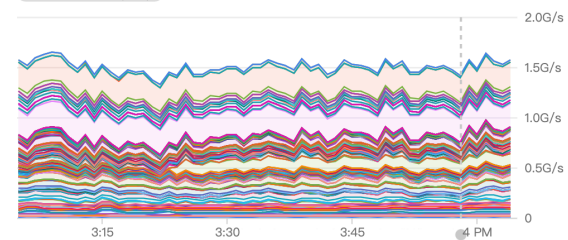
#### GCE VM Instance - CPU utilization

10 sec interval (mean)



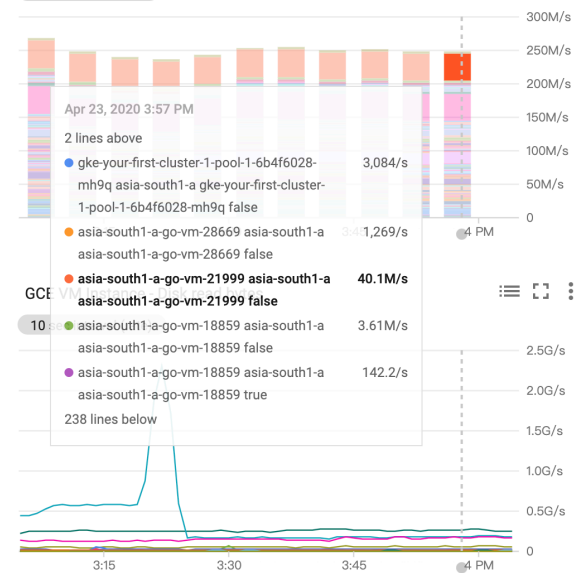
#### GCE VM Instance - Sent bytes

10 sec interval (rate)



#### GCE VM Instance - Received bytes

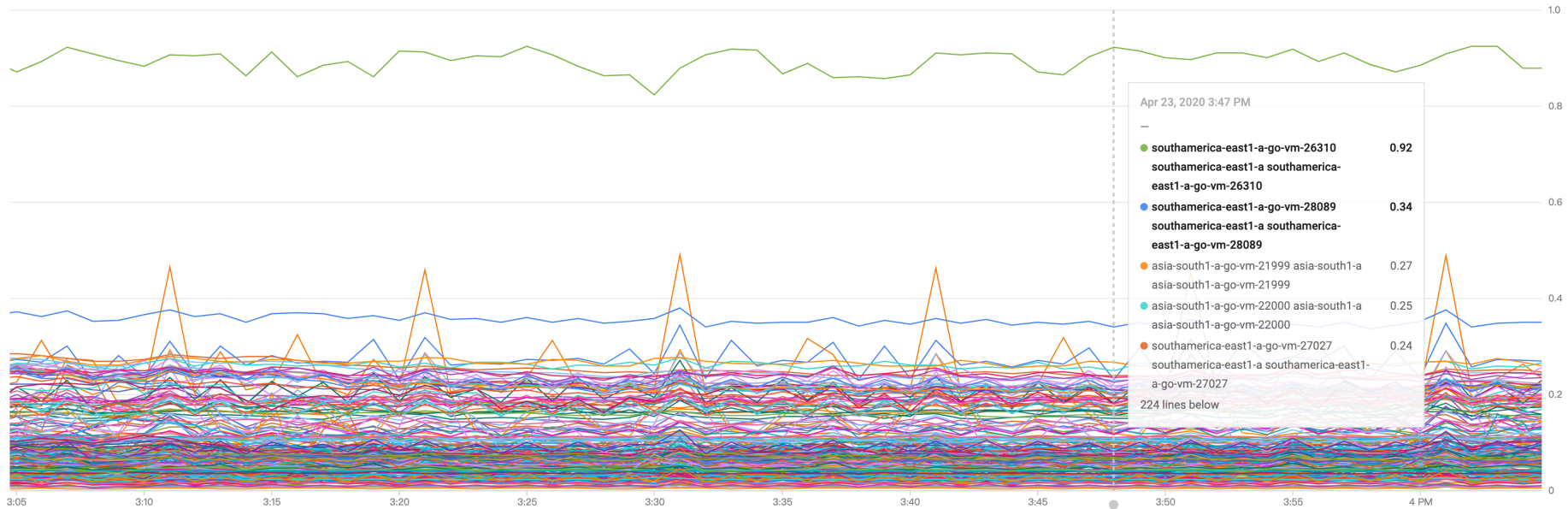
5 min interval (rate)



### Events

No rows to display

10 sec interval (mean)



Name (from instance_id)	zone	instance_name	Value
asia-south1-a-go-vm-27189	asia-south1-a	asia-south1-a-go-vm-27189	0.059
asia-south1-a-go-vm-28665	asia-south1-a	asia-south1-a-go-vm-28665	0.046
asia-south1-a-go-vm-28669	asia-south1-a	asia-south1-a-go-vm-28669	0.043
asia-south1-a-go-vm-28670	asia-south1-a	asia-south1-a-go-vm-28670	0.046
asia-south1-a-go-vm-30031	asia-south1-a	asia-south1-a-go-vm-30031	0.043
asia-south1-a-go-vm-31367	asia-south1-a	asia-south1-a-go-vm-31367	0.179
asia-south1-b-go-vm-28087	asia-south1-b	asia-south1-b-go-vm-28087	0.048
asia-south1-b-go-vm-30032	asia-south1-b	asia-south1-b-go-vm-30032	0.045
europa-west3-a-go-vm-30074	europa-west3-a	europa-west3-a-go-vm-30074	0.051

## Dashboards Overview

[BIGTABLE KEY VISUALIZER](#)

### Recent Dashboards

 日峰值带宽监控  
Custom

 CDN监控 webzone-in  
Custom

 Filter Dashboards


Name



日峰值带宽监控



BigQuery



CDN监控 webzone-in



Cloud Storage



GCE Disks



GCE Firewalls



GCE Instances



Google Cloud Load Balancers



Kubernetes Engine (new)



Ouyangzhu



VPN

Type ?

Custom

Google Cloud Platform

Custom

Google Cloud Platform

Google Cloud Platform

Google Cloud Platform

Google Cloud Platform

Google Cloud Platform

Google Cloud Platform

Custom

Google Cloud Platform

Rows per page: 50

1 - 11 of 11



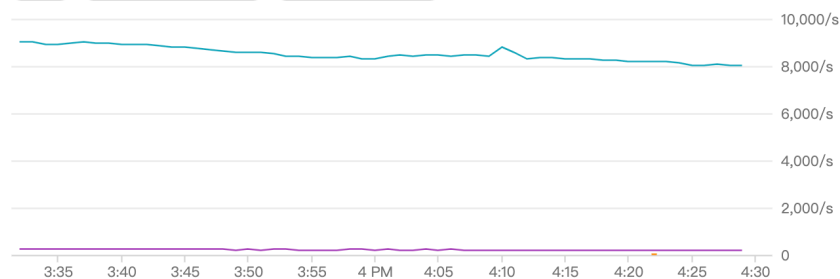
← CDN监控 WEBZONE-IN ▾

🔍 ⚙️ 📏 🔄 OFF TIME 1H 6H 1D 1W 1M 6W CUSTOM ☆ ADD CHART

☰ + Group By Filter...

## 缓存流量

☰ 1 by cache result (sum) 1 min interval (rate)



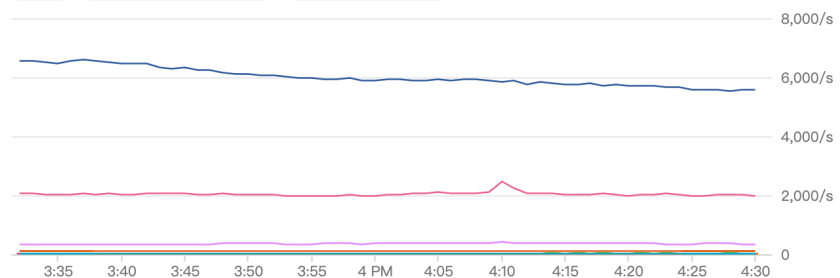
## 后台延时

☰ 1 mean 1 min interval (sum)



## 流量国家分布

☰ 1 by client country (sum) 1 min interval (rate)



## Settings

● WELCOME BANNER OFF

## SUMMARY

AGENTS

EMAIL REPORTS

PUBLIC CHARTS

KUBERNETES MIGRATION STATUS

## Overall usage

## Overall metrics ingested

0

Month to date

—

Previous month

## Monthly projection

0

By end of month

—

Versus previous month [View Bill](#)

## GCP Projects

Project name ↑	Project ID	Type	Previous month	Month to date	Monthly projection	
YY-CDN	yy-cdn	Host project	0	0	0	⋮

[ADD GCP PROJECTS](#)

## AWS Accounts

Project name ↑	Account ID	Project ID	Previous month	Month to date	Monthly projection
No results to display					

[ADD AWS ACCOUNT](#)

## Merge Workspaces

Merge all projects within the selected Workspace to the current workspace and delete all configuration in the selected Workspace.

[MERGE](#)



## Alerting

[+ CREATE POLICY](#)[EDIT NOTIFICATION CHANNELS](#)[1 hour](#) [6 hours](#) [1 day](#) [1 week](#) [1 month](#) [6 weeks](#)

## Summary

Incidents firing

0 

Incidents acknowledged

0 

Incidents resolved

0 

Alert policies

0

[View all](#)

## Incidents


[OPEN \(0\)](#)[ACKNOWLEDGED \(0\)](#)

Opened Incident

No rows to display

[→ See all incidents](#)

## Policies

[ADD POLICY](#)Display Name 

Last Modified By

Created At

No rows to display

[→ See all policies](#)

## Events

No rows to display

[→ See all events](#)