

# TencentCloud Managed Service for Prometheus Getting Started Product Documentation



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## **Getting Started**

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## Feature Overview

TMP provides the highly available Prometheus service as well as the open-source visualization tool Grafana while inheriting the monitoring capabilities of the open-source Prometheus, which reduce your development and Ops costs. **Note:** 

If you have already created a TKE cluster, you can create a TMP instance in the TMP console and install the Prometheus monitoring plugin to monitor the cluster. In addition, TMP is integrated with Grafana and predefined dashboards for you to view performance metric data in different dimensions.

## Prerequisites

Create a TKE cluster.

## Step 1. Create a TMP instance

1. Log in to the TMP console.

2. Click **Create** to enter the purchase page and purchase an instance as needed. For more information, see **Creating** Instance.

## Step 2. Integrate with TKE

1. In the TMP instance list, click the ID/Name of the newly created instance.

2. Go to the TMP management center and click Integrate with TKE on the left sidebar.

3. Perform the following operations on the cluster monitoring page.

Associate a cluster: Associate a cluster with a TMP instance as instructed in Associating with Cluster.

Configure data collection: Configure a data collection rule to monitor your business data by adding the configuration in the console or via a YAML file.

Streamline basic monitoring metrics: Select only the required metrics to avoid unnecessary fees as instructed in Streamlining Monitoring Metrics.

## Step 3. Integrating a service

To facilitate access, TMP integrates commonly used development languages, middleware, and big data. You only need to follow the instructions to monitor the corresponding components. It also provides out-of-the-box Grafana monitoring dashboards.

←		
Basic Info Data Collectio	n Alarm Management Recording Rule instance diagnostics	
Integrate with TKE	ation Center Data Multi-Write	
TencentCloud Managed Service fo	Prometheus has integrated commonly used programming languages, middleware, big data products, and infrastructure databases. It allows you to install components through either the quick or custom installation mode and then monitor them. The integrated	
All Infrastructure	Cloud Monitor AppEation Check Middleware Big Data Database Alerting Others	
Installed View All Integratio	ons	
Application Name	Description	
S Cloud Monitor	TMP collects; stores, and visualizes the basic monitoring data of Tencent Cloud products.	
Health Check	Blackbox can be used to regularly test the connectivity of the target service, helping you stay up to date with the service health and discover exceptions in time.	
👙 Scrape Job	Scrape Job	
Not installed		
Application Name	Description	
OVM Scrape Job	TMP uses the extended "cvm_sd_config" to configure a CVM scrape job and collect Node Exporter or custom business metrics.	
🛞 TKE	Kubernetes monitoring. including API Server/DNS/Workload/Network	

## Step 4. View monitoring data in Grafana

TMP offers the out-of-the-box Grafana service. It also integrates a wealth of dashboards for Kubernetes basic monitoring and common service monitoring, which can be quickly used. 1. In the TMP instance list, find the corresponding TMP instance, click

on the right of the instance ID to open your Grafana page, and enter your account and password to access the Grafana visual dashboard operation section.

2. Enter Grafana and click

to expand the monitoring panel.

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3. Click the name of the corresponding monitoring chart to view the monitoring data.



#### Note:

For more information on how to use Grafana, see Get started.