

Application Performance Management

Billing

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1 Billing Overview

In this document, you will learn about how Application Performance Management (APM) 2.0 is billed, what are the billing items, and what happens if your account goes into arrears.

Constraints

- Java and Node.js Agents need to be billed. Both preferential packages and pay-per-use billing are supported.
- To estimate the prices of Java and Node.js Agents, go to [Price Calculator](#).

Overview

- **Billing Modes**
APM has two editions: free and enterprise. After you switch from the free edition to the enterprise edition, you will be billed pay-per-use. If you have purchased a preferential package, the Agents you use will first be deducted from it. Any excess Agents will be billed pay-per-use. For details, see [Overview](#).
- **Billing Items**
APM billing items include the number of Agents, usage duration, and the amount of data reported through web monitoring. For details, see [Billing Items](#).
- **Bills**
To learn about your expenditures, go to **Billing Center > Billing**, and view the transactions and detailed bills related to APM. For details, see [Bills](#).
- **Arrears**
If there is insufficient balance and there is no other payment method configured, your account will go into arrears. To continue using your cloud services, top up your account in a timely manner. For details, see [Arrears](#).
- **Billing Termination**
If you no longer need to use APM, unsubscribe from it or delete its resources to avoid unnecessary fees. For details, see [Billing Termination](#).

2 Billing Modes

2.1 Enhanced Agents

2.1.1 Overview

APM has two editions: free and enterprise. After you switch from the free edition to the enterprise edition, the default billing mode is pay-per-use. If you have purchased a preferential package, Agents you use will first be deducted from the package. Any excess Agents will be billed on a pay-per-use basis.

- Agents will be billed based on one hour, rounded up to the nearest one hour.
- The billing unit is one enterprise-edition Agent.
- You will be billed based on this unit during pay-per-use or package billing.

2.1.2 Preferential Package

Preferential packages are prepaid. They are recommended if you want to use resources for a long time and save money. You can purchase preferential packages to get more discounts. This section describes the preferential packages of APM Agents.

Scenario

If you need resource stability over a certain period, purchase preferential packages.

Billing Cycle

The billing cycle of APM preferential packages is determined by the purchased duration (UTC+08:00). The billing starts when you activated or renewed the subscription, and ends at 23:59:59 of the expiry date.

For example, if you purchased an APM enterprise-edition basic package on Mar 08, 2023, 15:50:04 GMT+08:00, the billing cycle is Mar 08, 2023, 15:50:04 GMT+08:00 to Mar 08, 2024, 23:59:59 GMT+08:00.

Arrears Impact

Preferential packages need to be prepaid. When your package expires or is about to expire, renew it in time. If you do not renew it in time, APM functions may be affected.

Table 2-1 Arrears impact in different phases

-	Sufficient Balance	Insufficient Balance or Account in Arrears
APM status	You can use APM normally.	Your account is frozen. APM does not collect or display new application data, but still displays the data collected before your account is frozen.
Renewal details	If you renew your preferential package in time, you can use APM normally.	If you top up your account but do not buy any packages, your account will be automatically unfrozen and you will be billed on a pay-per-use basis. If you need a preferential package, renew your existing package or purchase a new one. Otherwise, you will be billed on a pay-per-use basis. For details, see Manually Renewing a Resource .
	If you do not renew your preferential package, APM automatically switches to the pay-per-use billing mode.	If you do not top up your account and the retention period expires, APM releases all your resources and you will not be billed in this period.

2.1.3 Pay-per-Use

Pay-per-use allows you to use resources before paying for them. It is recommended when you do not want to pay in advance or do not need the resources for long. This section describes the per-pay-use billing rules of APM Agents.

Scenario

Pay-per-use is suitable for applications or services that cannot be interrupted when facing temporary or sudden traffic increases or unpredictable demands, such as e-commerce flash sales, testing, and scientific computing.

Arrears Impact

Arrears Alert

The system will deduct fees for pay-per-use resources at the end of each billing cycle. You will be notified by email, SMS, or internal messages when your account is in arrears.

Arrears Impact

If your account is insufficient to pay your amount, your account goes into arrears. However, your resources will not be stopped immediately; instead, they enter the grace period. You will need to pay for the fees incurred during the grace period, which you can see on the **Billing & Costs > Billing Center > Overview** page of the Huawei Cloud console. Huawei Cloud will automatically deduct this amount when you top up.

If you do not pay the arrears within the grace period, your resources will enter the retention period and become frozen. You cannot perform any operations on the pay-per-use resources during this period.

If you do not pay the arrears after the retention period expires, your resources will be released and deleted, and their data cannot be restored.

- Both the grace and retention periods are 15 days.
- For details about top-up, see [Top-Up and Repayment](#).

2.2 Web Monitoring

2.2.1 Overview

APM has two editions: free and enterprise. After you switch from the free edition to the enterprise edition, you will be billed pay-per-use.

1. You can enable the free or enterprise edition, and switch from the free one to the enterprise one.
2. Web monitoring is billed by the volume of reported data.

2.2.2 Pay-per-Use

Pay-per-use allows you to use resources before paying for them. It is recommended when you do not want to pay in advance or do not need the resources for long. This section describes the pay-per-use billing rules for APM web monitoring.

Scenario

Pay-per-use is suitable for applications or services that cannot be interrupted when facing temporary or sudden traffic increases or unpredictable demands, such as e-commerce flash sales, testing, and scientific computing.

Arrears Impact

Arrears Alert

The system will deduct fees for pay-per-use resources at the end of each billing cycle. You will be notified by email, SMS, or internal messages when your account is in arrears.

Arrears Impact

If your account is insufficient to pay your amount, your account goes into arrears. However, your resources will not be stopped immediately; instead, they enter the grace period. You will need to pay for the fees incurred during the grace period, which you can see on the **Billing & Costs > Billing Center > Overview** page of the Huawei Cloud console. Huawei Cloud will automatically deduct this amount when you top up.

If you do not pay the arrears within the grace period, your resources will enter the retention period and become frozen. You cannot perform any operations on the pay-per-use resources during this period.

If you do not pay the arrears after the retention period expires, your resources will be released and deleted, and their data cannot be restored.

2.3 OpenTelemetry, SkyWalking, and Profiler

2.3.1 Overview

APM has two editions: free and enterprise. After you switch from the free edition to the enterprise edition, you will be billed pay-per-use.

1. You can enable the free or enterprise edition, and switch from the free one to the enterprise one.
2. OpenTelemetry, SkyWalking, and Profiler are billed by data volume.
3. The data reported by open-source Agents, SDKs, and Profiler will be aggregated and analyzed before being stored on APM. Therefore, the data volume measured by APM is not the original data volume.

2.3.2 Pay-per-Use

Pay-per-use allows you to use resources before paying for them. It is recommended when you do not want to pay in advance or do not need the resources for long. This section describes the pay-per-use billing rules for OpenTelemetry, SkyWalking, and Profiler of APM.

Scenario

Pay-per-use is suitable for applications or services that cannot be interrupted when facing temporary or sudden traffic increases or unpredictable demands, such as e-commerce flash sales, testing, and scientific computing.

Arrears Impact

Arrears Alert

The system will deduct fees for pay-per-use resources at the end of each billing cycle. You will be notified by email, SMS, or internal messages when your account is in arrears.

Arrears Impact

If your account is insufficient to pay your amount, your account goes into arrears. However, your resources will not be stopped immediately; instead, they enter the

grace period. You will need to pay for the fees incurred during the grace period, which you can see on the **Billing & Costs > Billing Center > Overview** page of the Huawei Cloud console. Huawei Cloud will automatically deduct this amount when you top up.

If you do not pay the arrears within the grace period, your resources will enter the retention period and become frozen. You cannot perform any operations on the pay-per-use resources during this period.

If you do not pay the arrears after the retention period expires, your resources will be released and deleted, and their data cannot be restored.

3 Billing Items

3.1 Enhanced Agents

Billing Description

Enhanced Agents support Java and Node.js.

APM supports preferential packages and pay-per-use billing. The billing items are Agents. For details, see [Table 3-1](#).

Table 3-1 Billing rules

Region	Edition	Billing Mode	Preferential Package	Specifications	Price	Unit Price	Validity Period
AP-Singapore LA-Sao Paulo1 CN-Hong Kong TR-Istanbul AP-Kuala Lumpur-OP6 AF-Cairo AF-Johannesburg ME-Riyadh	Enterprise	Preferential package	Enterprise-basic package	150 Agents per day (including resources for 150 Agents in one day or for 5 Agents in 30 days)	\$140 USD	\$0.93 USD/Agent/day	1 year
			Enterprise-medium package	1,200 Agents per day (including resources for 1,200 Agents in one day or for 40 Agents in 30 days)	\$840 USD	\$0.70 USD/Agent/day	1 year
			Enterprise-advanced package	9,600 Agents per day (including resources for 9,600 Agents in one day or for 320 Agents in 30 days)	\$5,040 USD	\$0.53 USD/Agent/day	1 year
			Enterprise-golden package	36,500 Agents per day (including resources for 100 Agents in 365 days)	\$13,368 USD	\$0.37 USD/Agent/day	1 year
			Enterprise-platinum package	109,500 Agents per day (including resources for 300 Agents in 365 days)	\$34,800 USD	\$0.32 USD/Agent/day	1 year
			Enterprise-top package	182,500 Agents per day (including resources for 500 Agents in 365 days)	\$47,742 USD	\$0.26 USD/Agent/day	1 year

Region	Edition	Billing Mode	Preferential Package	Specifications	Price	Unit Price	Validity Period
		Pay-per-use	-	-	-	\$0.96 USD/Agent/day (equivalent to \$0.04 USD/Agent/hour)	-
-	Free	Free of charge. Up to 10 Agents can be connected. Reactivate them every 15 days.					

Billing Examples

- Preferential package**
 Assume that you purchased an enterprise-edition basic package on March 08, 2023, 15:50:04 GMT+08:00:
 First billing cycle: March 08, 2023, 15:50:04 GMT+08:00 to March 08, 2024, 23:59:59 GMT+08:00
 Second billing cycle: March 08, 2024, 23:59:59 GMT+08:00 to March 08, 2025, 23:59:59 GMT+08:00
- Pay-per-use**
 Assume that you connected an Agent on March 08, 2023, 15:50:04 GMT+08:00:
 First billing cycle: March 08, 2023, 15:50:04 GMT+08:00 to March 08, 2023, 15:59:59 GMT+08:00. If the Agent is used for less than one hour, it will be billed for one hour.
 Second billing cycle: March 08, 2023, 15:59:59 GMT+08:00 to March 08, 2023, 16:59:59 GMT+08:00

You need to prepay for each billing cycle. [Table 3-2](#) shows the billing formulas.

Table 3-2 Billing formulas

Resource Type	Billing Mode	Billing Formula	Resource Unit Price
APM Agent	Preferential package	Price of an enterprise-edition (basic/medium/advanced/golden/platinum/top) package x Number of packages	For details, see Table 3-1 .

Resource Type	Billing Mode	Billing Formula	Resource Unit Price
	Pay-per-use	Number of Agents x Pay-per-use unit price x Duration	

3.2 Web Monitoring

Billing Description

Web monitoring supports web & HTML5, WeChat, Baidu, Alipay, and DingTalk applets.

APM supports pay-per-use billing. For web monitoring, you will be billed by the volume of reported data. The following table lists the details.

Table 3-3 Billing rules

Region	Edition	Billing Mode	Price
AP-Singapore AP-Manila	Enterprise	Pay-per-use	\$0.056 USD/1,000 records
-	Free	Free. Max.: 2,000 records/day.	

Data Volume Calculation

Reported data volume = PVs + API requests/10 + Custom statistics

Billing Cycle

Web monitoring is billed based on the volume of reported data. The billing cycle is 24 hours. Assume that you start to use web monitoring at 16:29:30 on November 6, 2024. The following lists the billing cycles:

First billing cycle: Calculates the data volume between 16:29:30 and 23:59:59 on November 6, 2024 at 01:00:00 on November 7, 2024.

Second billing cycle: Calculates the data volume between 00:00:00 and 23:59:59 on November 7, 2024 at 01:00:00 on November 8, 2024.

3.3 OpenTelemetry, SkyWalking, and Profiler

Billing Description

OpenTelemetry supports Java, Python, Go, PHP, Node.js, C++, and .NET.

SkyWalking supports Java, Python, Go, PHP, Node.js, and .NET.

Profiler supports Java and enhanced Agents only.

APM supports pay-per-use billing. For the preceding billing items, you will be billed by data volume. The following table lists the details.

Table 3-4 Billing rules

-	Region	Edition	Billing Mode	Price	Description
OpenTelemetry and SkyWalking	AP-Singapore TR-Istanbul ME-Riyadh	Enterprise	Pay-per-use	\$0.092 USD/GB	5 GB/month is free for each region. Billing starts when the data volume exceeds 5 GB.
		Free	-	-	5 GB/month is free for each region. Data reporting stops when the data volume exceeds 5 GB.
Profiler	AP-Singapore TR-Istanbul ME-Riyadh	Enterprise	Pay-per-use	\$0.092 USD/GB	5 GB/month is free for each region. Billing starts when the data volume exceeds 5 GB.
		Free	-	-	Profiler is not supported.

Data Volume Calculation

OpenTelemetry/SkyWalking data volume = Metric data volume + Trace data volume

Profiler data volume = Profiling data volume

Billing Cycle

The data reported by open-source Agents, SDKs, and Profiler will be aggregated and analyzed before being stored on APM. Therefore, the data volume measured by APM is not the original data volume.

OpenTelemetry, SkyWalking, and Profiler are billed by the volume of reported data. The billing cycle is 1 hour. Assume that you start to use OpenTelemetry, SkyWalking, and Profiler at 16:29:30 on November 6, 2024. The following lists the billing cycles:

First billing cycle: Calculates the data volume between 16:29:30 and 16:59:59 on November 6, 2024 at 17:15:00 on the same day.

Second billing cycle: Calculates the data volume between 17:00:00 and 17:59:59 on November 6, 2024 at 18:15:00 on the same day.

4 Bills

You can view the bill of a resource in the **Billing** section of Billing Center to learn about its usage and billing information in a certain period.

Bill Reporting Period

- The usage of pay-per-use resources is reported to the billing system at a fixed interval for settlement. Pay-per-use resources can be settled by hour, day, or month based on usage type. Pay-per-use APM resources are settled by day. For details, see [Bill Run for Pay-per-Use Resources](#).
- You can choose **Billing & Costs > Bills > Billing > Transactions and Detailed Bills > Transaction Bills**, and set **Billing Mode** to **Pay-per-Use** and **Service Type** to **Application Performance Management (APM)** to view **Expenditure Time** (that is, the actual usage time).

Viewing Transactions and Detailed Bills

Step 1 Log in to the management console.

Step 2 Choose **Billing & Costs > Bills > Billing > Transactions and Detailed Bills**.

- On the **Transaction Bills** tab page, select a billing cycle and set **Service Type** to **Application Performance Management (APM)** to view APM transaction bills.
- On the **Bill Details** tab page, select a billing cycle, specify a statistical dimension and period, and set **Service Type** to **Application Performance Management (APM)** to view APM bill details.

----End

5 Arrears

If there is insufficient balance and there is no other payment method configured, your account will go into arrears. To continue using your cloud services, top up your account in a timely manner.

Arrears Reason

In pay-per-use mode, your account goes into arrears when the account balance is insufficient.

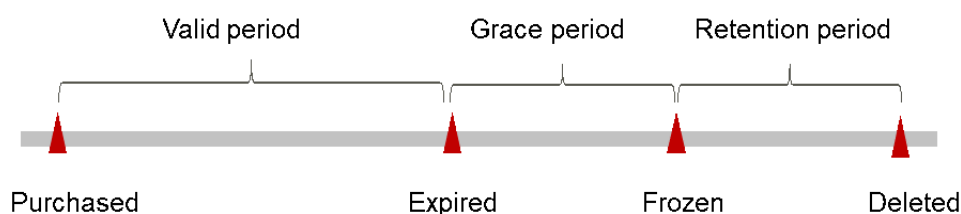
Arrears Impact

If your account is insufficient to pay your amount, your account goes into arrears. However, your resources will not be stopped immediately; instead, they enter the grace period. You will need to pay the fees incurred during the grace period. To view details, go to the **Billing Center > Overview** page. Huawei Cloud will deduct the fees after you top up your account.

If you do not pay the arrears within the grace period, your resources will enter the retention period and become frozen. You cannot perform any operations on the pay-per-use resources during this period.

If you do not pay the outstanding amount after the retention period expires, your resources will be released and data cannot be restored.

Figure 5-1 Life cycle of a pay-per-use APM resource



Both the grace and retention periods are 15 days.

Avoiding and Handling Arrears

If your account is in arrears, you can view the arrears details in the Billing Center. To prevent your resources from being stopped or released, top up your account in time. For details, see [Making Repayments \(Postpaid Direct Customers\)](#).

If the metrics reported to or stored on APM 2.0 are no longer needed, delete them to avoid unnecessary fees.

Enable balance alert on the **Billing Center > Overview** page. When the total amount of the available quota, general cash coupons, and cash coupons is lower than the threshold, you will be notified by SMS or email.

If your account is in arrears, top up in time.

6 Billing Termination

Pay-per-Use Resources

If you have purchased a preferential package, the Agents you use will first be deducted from it. Any excess Agents will be billed pay-per-use.

If pay-per-use resources are no longer required, delete them in a timely manner.

7 Billing FAQs

7.1 What Is the Billing Policy of APM?

APM 2.0 billing involves:

- Java and Node.js Agents. Both preferential packages and pay-per-use billing are supported.

For details, see [APM Pricing Details](#).