

Alibaba Cloud

DataWorks
Pricing

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Document conventions

Style	Description	Example
 Danger	A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 Danger: Resetting will result in the loss of user configuration data.
 Warning	A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 Warning: Restarting will cause business interruption. About 10 minutes are required to restart an instance.
 Notice	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: If the weight is set to 0, the server no longer receives new requests.
 Note	A note indicates supplemental instructions, best practices, tips, and other content.	 Note: You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click Settings > Network > Set network type .
Bold	Bold formatting is used for buttons, menus, page names, and other UI elements.	Click OK .
Courier font	Courier font is used for commands	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
<i>Italic</i>	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid</code> <i>Instance_ID</i>
[] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>
{ } or {a b}	This format is used for a required value, where only one item can be selected.	<code>switch {active stand}</code>

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1. Purchase guide

This topic describes how to choose a purchase plan in business scenarios where nodes are run as scheduled and data output is required in a timely manner.

Note

- The system may send you notifications when you have an overdue payment. In this case, you must complete the overdue payment at the earliest opportunity to ensure service continuity.

If you have other questions, [submit a ticket](#).

- Shared resource groups are default resource groups.
- The peak hours for DataWorks tenants to run nodes are from 00:00 to 09:00 each day. If you use default resource groups during the peak hours, you share resources with other tenants.
- When tenants share resources, some tenants may preempt the resources. If your nodes must be completed in time, use exclusive resource groups to run the nodes. DataWorks does not charge you additional fees for the node instances that are run on exclusive resource groups. For more information, see [Exclusive resource group mode](#).

Scenario 1: Run nodes as scheduled every day

- Description

After the data warehouse of an enterprise is migrated to the cloud, a basic scheduling system is required to schedule hundreds of nodes, and the cost needs to be controlled.

- Analysis

When big data compute engines, such as MaxCompute and Flink of Alibaba Cloud are used, most enterprises require a stable and robust scheduling system to run their data production nodes based on the node dependencies and scheduled time. If an enterprise develops the system on its own, it consumes a lot of labor and maintenance costs.

- Purchase plan

Required: DataWorks (pay-as-you-go). For more information, see [Pay-as-you-go](#).

After you activate DataWorks based on the pay-as-you-go billing method, you can use the features of DataWorks Basic Edition for free. In this case, you can use not only the basic scheduling features for nodes, but also the basic features of all DataWorks services to complete the all-in-one data development process at a low cost. For more information about the features of DataWorks services, see [Differences among DataWorks editions](#).

Scenario 2: Run a specific number of instances concurrently on a daily basis

- Description

A report needs to be viewed at 09:00 every morning due to business needs.

- Analysis

In a business scenario with strong demand for timeliness of data output, a descendant node must be run at the specified time after the ancestor node is run.

- Purchase plan
 - Required: DataWorks (pay-as-you-go) and DataWorks exclusive resources for scheduling (subscription).
 - Optional: DataWorks advanced editions. You can purchase Standard Edition, Professional Edition, Enterprise Edition, or Ultimate Edition as needed.

Scenario 3: Run a specific number of instances concurrently on a daily basis, and transmit data concurrently by using multiple threads

- Description

A report needs to be viewed at 09:00 every morning due to business needs. The main content includes Content Delivery Network (CDN) access logs and client distribution by type. The raw data is stored in ApsaraDB for RDS databases that are managed by administration experts. The daily data increment is about 30 GB. Therefore, data synchronization is required.

- Analysis

Based on Scenario 2, Scenario 3 adds the timeliness requirement for a large number of sync nodes. Therefore, in addition to making sure that the sync nodes are run as scheduled, you also need to deploy fixed computing and network resources to support concurrent data transmission by using multiple threads.

- Purchase plan

- Required: DataWorks (pay-as-you-go), DataWorks exclusive resources for scheduling, and DataWorks exclusive resources for Data Integration.

Assume that 1,500 computing nodes and 600 data integration nodes are run every day, and different types of nodes are run in different periods. You are billed based on the following calculation logic:

Computing nodes

- Business volume to support: 1,500 instances
- Normal running duration: 30 minutes per instance
- Expected running period: 03:00 to 08:00, 5 hours in total
- Billing

Number of instances to run at a time: $(1,500 \times 30) / (5 \times 60) = 150$

Required exclusive resources for scheduling: $5 \times 8c16g$ (calculated based on [Performance metrics and pricing of exclusive resource groups for scheduling](#))

Data integration nodes

- Business volume to support: 600 instances and two concurrent threads per instance, 1,200 threads in total
- Normal running duration: 30 minutes per instance
- Expected running period: 00:30 to 03:00, 2.5 hours in total
- Billing

Number of instances to run at a time: $(600 \times 30) / (2.5 \times 60) = 120$

Required exclusive resources for scheduling: $4 \times 8c16g$ (calculated based on [Performance metrics and pricing of exclusive resource groups for scheduling](#))

Number of threads to run at a time: $(1,200 \times 30) / (2.5 \times 60) = 240$

Required exclusive resources for Data Integration: $4 \times 32c64g$ (calculated based on [Performance metrics and pricing of exclusive resource groups for Data Integration](#))

 **Note** The preceding results are calculated based on the business volume and the expected running period. We recommend that you adjust the purchase quantity based on your actual business volume.

- Optional: [DataWorks advanced editions \(subscription\)](#). You can purchase Standard Edition, Professional Edition, Enterprise Edition, or Ultimate Edition as needed.

Purchase description

- A node to be run in Operation Center of DataWorks requires computing resources for scheduling. If the node is a data integration node, you must add scheduling resources for data transmission. Therefore, you can purchase both exclusive resources for scheduling and exclusive resources for Data Integration to ensure the proper running of nodes.
- DataWorks exclusive resources for Data Integration can ensure that a sufficient number of concurrent threads for data integration nodes can start at the same time, but it cannot guarantee the synchronization rate.
- DataWorks (pay-as-you-go) uses shared resource groups for scheduling. If you activate DataWorks based on the pay-as-you-go billing method, you cannot ensure that all nodes can be run as

scheduled during peak hours. For more information, see [Pay-as-you-go](#).

- DataWorks Standard Edition and more advanced editions support the intelligent monitoring feature. After you configure monitoring rules, you can monitor large workflows globally and ensure that all nodes are completed on time.

2. Overview

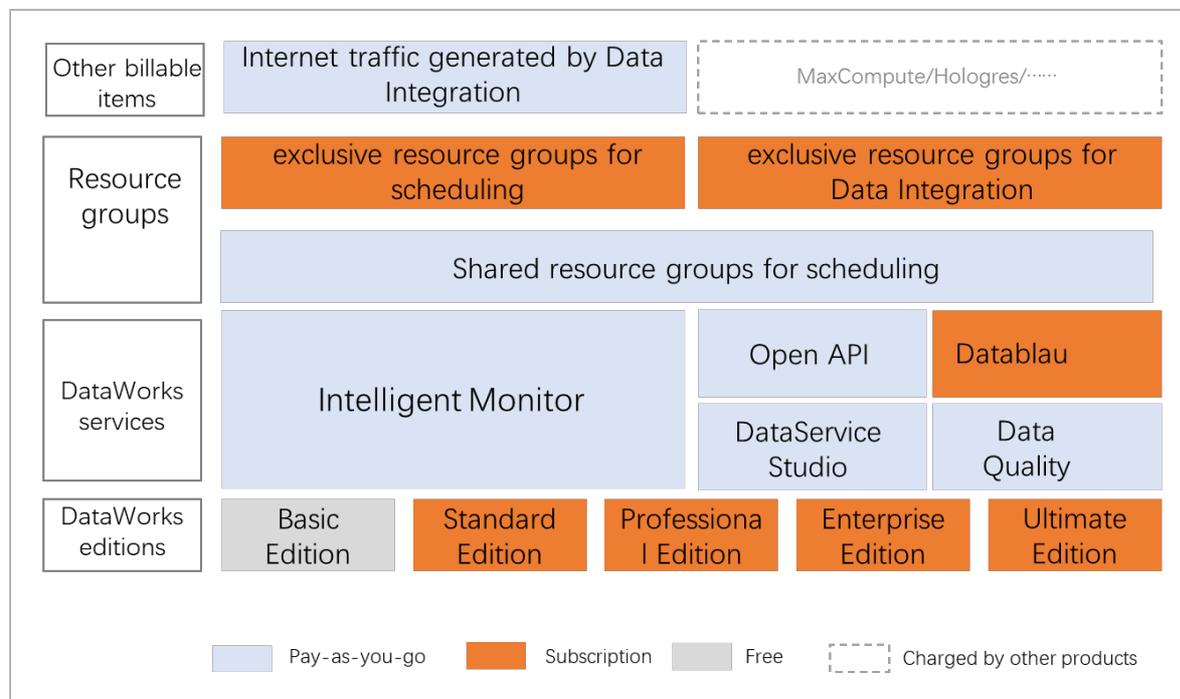
This topic describes the billable items and billing methods of DataWorks.

Billable items

DataWorks offers the Basic Edition and the following four advanced editions: Standard Edition, Professional Edition, Enterprise Edition, and Ultimate Edition. Each edition offers different services, including Data Integration, DataStudio, Data Modeling, DataService Studio, Data Quality, Intelligent Monitoring, and OpenAPI in Open Platform. Resource groups for Data Integration or resource groups for scheduling are used to run DataWorks nodes.

You are charged based on the DataWorks edition that you activate and the services and resource groups that you use. DataWorks supports the pay-as-you-go and subscription billing methods.

Note Other services, such as compute engines, storage services, or network services, that you may use to run DataWorks nodes have separate billing methods.



- DataWorks editions: DataWorks offers the Basic Edition and the following four advanced editions: Standard Edition, Professional Edition, Enterprise Edition, and Ultimate Edition.
 - Basic Edition: You can use DataWorks Basic Edition for free. In this edition, you are charged only for the services and resource groups that you use to run nodes.
 - Advanced editions: The advanced editions of DataWorks support the subscription billing method. For more information, see [DataWorks advanced editions](#).

Note For more information about the services that are included in different editions of DataWorks, see [Differences among DataWorks editions](#).

- DataWorks services:
 - Data Modeling is billed based on the subscription billing method.

- Other services are billed based on the pay-as-you-go billing method. You are charged only when you use the services. For more information, see the following topics:
 - [DataService Studio](#)
 - [Data Quality](#)
 - [Intelligent Monitor: 基线实例计费](#)
 - [API operations](#)
- Resource groups: DataWorks supports resource groups for scheduling and resource groups for Data Integration. DataWorks provides a shared resource group that can be shared by all tenants. The shared resource group ensures that your nodes can be normally run.
 - Exclusive resource groups: Exclusive resource groups are used in exclusive mode. DataWorks supports exclusive resource groups for Data Integration and exclusive resource groups for scheduling. Exclusive resource groups are billed based on the subscription billing method. For more information, see the following topics:
 - [Performance metrics and pricing of exclusive resource groups for scheduling](#)
 - [Performance metrics and pricing of exclusive resource groups for Data Integration](#)
 - Shared resource group: DataWorks provides a shared resource group for scheduling for all tenants. If you use the shared resource group to run nodes, the nodes may wait for resources during peak hours. We recommend that you purchase exclusive resource groups to run your nodes. The shared resource group is billed based on the pay-as-you-go billing method. For more information, see the following topic:
 - [Shared resource groups for scheduling](#)

 **Note** For more information about resource groups and their use scenarios, see [Overview](#).

- Other billable items:
 - If you use an exclusive resource group for Data Integration to run a Data Integration node and Internet traffic is generated, you are charged for the generated Internet traffic based on the pay-as-you-go billing method. For more information, see [Internet traffic generated by Data Integration](#).

 **Note** If you use a custom resource group for Data Integration to run a Data Integration node and Internet traffic is generated, you are not charged for the generated Internet traffic.

- Other services, such as compute engines, storage services, or network services, that you may use to run DataWorks nodes have separate billing methods.

Pay-as-you-go and subscription

DataWorks supports the pay-as-you-go and subscription billing methods.

- Pay-as-you-go

You are charged for the actual amount of resources that you use multiplied by the unit price. Two billing cycles are used for different billable items.

- Hourly billing: Every hour, the billing system calculates the actual resource usage over the previous hour and deducts the actual fees from your account balance.

For example, you are billed at 09:30 for the fees that are generated from 08:00 to 09:00.

- Daily billing: The billing system calculates the actual resource usage over the previous calendar day and deducts the actual fee from your account balance.

For example, you are billed at 00:00:00 on May 12, 2019 for the fees that are generated from 00:00:00 to 23:59:59 on May 11, 2019.

If you want to use all basic features of DataWorks, we recommend that you select the pay-as-you-go billing method. For more information, see [Pay-as-you-go](#).

- Subscription

You can use resources that are billed based on the subscription billing method only after you pay for them. You can pay for a service on a monthly or yearly basis.

 **Note** For users who use Machine Learning Platform for AI (PAI):

- If you scheduled and run Machine Learning experiment nodes in DataWorks before PAI is commercially available, after PAI is commercially available, DataWorks Basic Edition can meet your scheduling requirements.
- If you navigate from PAI to DataWorks and deploy Machine Learning experiment nodes in DataWorks after PAI is commercially available, you are charged for the number of scheduled nodes in DataWorks.

3.Subscription (pre-payment)

3.1. DataWorks advanced editions

DataWorks provides four advanced editions: Standard Edition, Professional Edition, Enterprise Edition, and Ultimate Edition. You can choose the edition that is most suitable for your business needs.

DataWorks advanced editions support the subscription billing method. This topic describes the billing details of DataWorks advanced editions.

Usage notes

- The system sends you a notification if you have an overdue payment. In this case, you must complete the overdue payment at the earliest opportunity to avoid service suspension.

If you have other questions, [submit a ticket](#).

- The DataWorks services that are deployed for DataWorks advanced editions differ between regions. For more information, see [Differences among DataWorks editions](#).
- Only one DataWorks advanced edition can be purchased in a region at a time. You can purchase another edition in the same region only after the purchased edition expires and is released.

Prices for different editions

Edition	Price
Basic Edition	USD 0/month
Standard Edition	USD 387/month
Professional Edition	USD 774/month
Enterprise Edition	USD 3,096/month
Ultimate Edition	USD 309,552/year (Contact Alibaba Cloud)

Upgrade

An advanced edition can be upgraded to a more advanced edition. You need to pay only the price difference for the remaining portion of the billing cycle.

Renewal

You can renew an advanced edition before it expires or within 360 hours after it expires. If you do not renew your advanced edition within 360 hours after it expires, its advanced features are disabled. For more information about the downgrade rules for specific features of advanced editions, see [Feature downgrades of DataWorks advanced editions upon expiration](#).

Service suspension and downgrade

Alibaba Cloud sends expiration notifications to the mobile number and email address that are bound to your Alibaba Cloud account eight days, 12 days, and 14 days before your subscription to DataWorks advanced editions expires.

If you do not renew your advanced edition within 15 days after it expires, its advanced features are disabled 15 days after the expiration and the advanced edition is downgraded to Basic Edition. For more information about the downgrade rules for specific features of advanced editions, see [Feature downgrades of DataWorks advanced editions upon expiration](#).

If you still need to use the advanced edition after the downgrade, go to the buy page of [DataWorks advanced editions \(subscription\)](#) to purchase it again.

3.2. DataWorks exclusive resources

This topic describes the billing standards, scale-out, renewal, and expiration of DataWorks exclusive resources. This topic also describes the scenarios and limits of DataWorks exclusive resources.

DataWorks provides **exclusive resource groups for scheduling** and **exclusive resource groups for Data Integration**. These resources deliver optimal performance.

Note

- If you have an overdue payment, the system sends you a notification. In this case, you must renew your subscription at the earliest opportunity to prevent service suspension.

If you have other questions, [submit a ticket](#).

- The peak hours for DataWorks tenants are from 00:00 to 09:00 each day. If you use shared resource groups during the peak hours, you share resources with other tenants.

In this case, some tenants may preempt the resources. If you have high requirements on the output time of nodes, use exclusive resource groups to run the nodes. Regardless of the DataWorks edition you use, you do not need to pay extra fees for the node instances that are run on exclusive resource groups. For more information, see [Exclusive resource group mode](#).

You can purchase these resources on the [DataWorks Exclusive Resources \(Subscription\)](#) page.

Limits

- Before you use an exclusive resource for Data Integration or an exclusive resource for scheduling to access a data source that is deployed in a virtual private cloud (VPC) or other networks, you must select a network connectivity solution for an exclusive resource group for Data Integration or an exclusive resource group for scheduling. For more information, see [Select a network connectivity solution](#). If you use an exclusive resource group for DataService Studio, select a network environment when you purchase the resource group.
- An exclusive resource group for Data Integration cannot access a data source that is deployed on the classic network of Alibaba Cloud.
- The software environment, such as Python, of exclusive resource groups for scheduling cannot be customized.
- Exclusive resource groups for Data Integration support only level-2 synchronization nodes.

Note

- Level-1 synchronization nodes: the synchronization nodes that are committed and scheduled.
- Level-2 synchronization nodes: the synchronization nodes that are run.

Exclusive resources for scheduling

To run a large number of nodes in parallel, you must use exclusive computing resources to make sure that nodes are run as scheduled. In this case, you can use exclusive resources for scheduling.

Note Each time you purchase exclusive resources for scheduling, the resources belong to only one exclusive resource group for scheduling. After an exclusive resource group for scheduling is created, you can scale out the resource group by adding resources to the resource group.

- **Billing standards**

Exclusive resources for scheduling are billed in subscription mode. You can select appropriate specifications based on your business requirements. For more information, see [Performance metrics and pricing of exclusive resource groups for scheduling](#).

- **Scale-out**

You can scale out the exclusive resources for scheduling in each order based on your business requirements. You need only to pay for the added resources that are used from the time you scale out the resource group to the time the original order expires.

Note

- A scale-out increases only the number of resources in your resource group but does not upgrade the vCPU and memory specifications of the resources.
- When you perform a scale-out for your resource group, you can add only resources of the same specifications as existing resources in the resource group.
- After you perform a scale-out for your resource group, the new configuration takes effect within 20 minutes after you pay for your order.

- **Renewal**

You can renew your exclusive resource group for scheduling before the resource group expires or within 30 days after the resource group expires. If you do not renew the resource group within 15 days after the resource group expires, the system immediately suspends the resource group.

- **Expiration**

- **Suspension**

By default, the system sends expiration notifications to the mobile phone number and email address that are bound to your Alibaba Cloud account 14 days, 12 days, and 8 days before your exclusive resource group for scheduling expires. If you do not renew the resource group within 15 days after the resource group expires, the system immediately suspends the resource group.

- **Release**

After exclusive resources for scheduling expire, they are retained for 15 days. If you do not renew the resource group within 15 days after the resource group is suspended, the system releases the resource group.

The system sends release notifications to the mobile phone number and email address that are bound to your Alibaba Cloud account one day before the system releases your exclusive resource group for scheduling.

Exclusive resources for Data Integration

If a large number of Data Integration nodes must be run in parallel, exclusive computing resource groups are required to ensure fast and reliable data transmission. In this case, you can use exclusive resources for Data Integration.

 Notice

- To allow an exclusive resource group for Data Integration to access a data source in a VPC, you must associate the exclusive resource group with the VPC. Then, the system adds a route for the exclusive resource group. This way, the exclusive resource group can access all data sources in the VPC.
- Exclusive resources for Data Integration guarantee the number of threads that a data synchronization node instance can simultaneously run, not the number of data synchronization node instances that can be simultaneously run. To guarantee the number of data synchronization node instances that can simultaneously run, you can purchase exclusive resources for scheduling.

- Billing standards

Exclusive resources for Data Integration are billed in subscription mode. You can select appropriate specifications based on your business requirements. For more information, see [Performance metrics and pricing of exclusive resource groups for Data Integration](#).

 **Note** When data synchronization nodes run, exclusive resource groups for Data Integration are used to compute data and resource groups for scheduling are used to schedule the nodes. You are charged based on the specifications that you select for the exclusive resource groups for Data Integration and the resource groups for scheduling. The usage of the exclusive resources for Data Integration is measured by vCPU and memory and the usage of the exclusive resources for scheduling is measured by the number of data synchronization nodes that run on the resource groups for scheduling.

For example, if you purchase four exclusive resources for Data Integration with the specifications of 8 cores and 16 GiB of memory for a workspace in the China (Hangzhou) region and the subscription period is one year, the fee for the synchronization node instances that are run on these exclusive resources is calculated by using the following formula: $4 \times \text{USD } 152.45/\text{month} \times 12 \text{ months} = \text{USD } 7,317.60$.

Within the one-year validity period, DataWorks charges no additional fees for the number of parallel instances generated by synchronization nodes that are run on the exclusive resources. The generated Internet traffic is separately billed.

- Scale-out

You can scale out the exclusive resources for Data Integration in each order based on your business requirements. You need only to pay for the added resources that are used from the time you scale out the resource group to the time the original order expires.

 **Note**

- Each time you purchase exclusive resources for Data Integration, the resources belong to only one exclusive resource group for Data Integration. After an exclusive resource group for Data Integration is created, you can scale out the resource group by adding resources to the resource group.
- A scale-out increases only the number of resources in your resource group but does not upgrade the vCPU and memory specifications of the resources.
- When you perform a scale-out for your resource group, you can add only resources of the same specifications as existing resources in the resource group.
- After you perform a scale-out for your resource group, the new configuration takes effect within 20 minutes after you pay for your order.

• Renewal

You can renew your exclusive resource group for Data Integration before the resource group expires or within 30 days after the resource group expires. If you do not renew the resource group within 15 days after the resource group expires, the system immediately suspends the resource group.

• Expiration**○ Suspension**

By default, the system sends expiration notifications to the mobile phone number and email address that are bound to your Alibaba Cloud account 14 days, 12 days, and 8 days before your exclusive resource group for Data Integration expires. If you do not renew the resource group within 15 days after the resource group expires, the system immediately suspends the resource group.

○ Release

After exclusive resources for Data Integration expire, they are retained for 15 days. If you do not renew the resource group within 15 days after the resource group is suspended, the system releases the resource group.

The system sends release notifications to the mobile phone number and email address that are bound to your Alibaba Cloud account one day before the system releases your exclusive resource group for Data Integration.

 **Note**

- For more information about how to purchase and configure exclusive resources for scheduling and exclusive resources for Data Integration, see [Exclusive resource group mode](#).
- For more information about how to use exclusive resources for Data Integration to run synchronization nodes, see [Create and use an exclusive resource group for Data Integration](#).

Scenarios of exclusive resources

- Exclusive resources are used in exclusive mode. This helps isolate resources between tenants and between different nodes of the same tenant.

If a large number of nodes are run in parallel on default resources, the nodes may be delayed because they need to wait for resources. In this case, we recommend that you use exclusive resources for scheduling and exclusive resources for Data Integration.

- Exclusive resources can be used to access Internet services.
 - If you need to access Internet services or self-managed services by using PyODPS, we recommend that you use exclusive resources for scheduling.
 - If you need to access Internet services or self-managed services by using Shell, we recommend that you use exclusive resources for scheduling.
- You can choose the specifications of exclusive resources based on your business requirements. If you need to run resource-consuming nodes, we recommend that you use exclusive resources for scheduling.

3.3. Performance metrics and pricing of exclusive resource groups for scheduling

This topic describes the performance metrics and pricing of exclusive resource groups for scheduling.

Performance metrics

Specifications	Maximum number of parallel instances
4c8g	16
8c16g	32
12c24g	48
16c32g	64
24c48g	96

Pricing

Region	Specifications	Price (USD/month)
China (Hangzhou)	4c8g	76.23
	8c16g	152.45
	12c24g	228.68
	16c32g	304.91
	24c48g	457.36
China (Shanghai)	4c8g	76.23
	8c16g	152.45
	12c24g	228.68
	16c32g	304.91

Region	Specifications	Price (USD/month)
	24c48g	457.36
China (Shenzhen)	4c8g	76.23
	8c16g	152.45
	12c24g	228.68
	16c32g	304.91
	24c48g	457.36
China (Beijing)	4c8g	76.23
	8c16g	152.45
	12c24g	228.68
	16c32g	304.91
	24c48g	457.36
China (Zhangjiakou)	4c8g	57.27
	8c16g	114.34
	12c24g	171.61
	16c32g	228.68
	24c48g	343.02
China (Chengdu)	4c8g	62.49
	8c16g	124.79
	12c24g	187.09
	16c32g	249.38
	24c48g	374.17
US (Silicon Valley)	4c8g	149.26
	8c16g	298.53
	12c24g	447.77
	16c32g	597.06
	24c48g	895.55

Region	Specifications	Price (USD/month)
US (Virginia)	4c8g	110.63
	8c16g	221.26
	12c24g	331.89
	16c32g	442.53
	24c48g	663.78
China (Hong Kong)	4c8g	138.73
	8c16g	276.58
	12c24g	416.18
	16c32g	553.16
	24c48g	832.35
Singapore (Singapore)	4c8g	138.73
	8c16g	276.58
	12c24g	416.18
	16c32g	553.16
	24c48g	832.35
Australia (Sydney)	4c8g	147.51
	8c16g	295.02
	12c24g	442.52
	16c32g	590.03
	24c48g	885.03
Germany (Frankfurt)	4c8g	138.73
	8c16g	276.58
	12c24g	408.96
	16c32g	553.16
	24c48g	817.91
	4c8g	130.01

Region	Specifications	Price (USD/month)
Malaysia (Kuala Lumpur)	8c16g	259.06
	12c24g	390.05
	16c32g	517.92
	24c48g	780.07
Indonesia (Jakarta)	4c8g	138.73
	8c16g	276.58
	12c24g	416.18
	16c32g	553.16
	24c48g	832.35
India (Mumbai)	4c8g	115.89
	8c16g	231.00
	12c24g	347.86
	16c32g	462.20
	24c48g	695.72
Japan (Tokyo)	4c8g	158.92
	8c16g	316.97
	12c24g	474.14
	16c32g	633.94
	24c48g	948.27
UK (London)	4c8g	104.67
	8c16g	209.33
	12c24g	314.00
	16c32g	418.67
	24c48g	628.00
	4c8g	166.38
	8c16g	331.80

Region	Specifications	Price (USD/month)
UAE (Dubai)	12c24g	498.38
	16c32g	663.80
	24c48g	996.76

3.4. Performance metrics and pricing of exclusive resource groups for Data Integration

This topic describes the performance metrics and pricing of exclusive resource groups for Data Integration.

Performance metrics

Specifications	Maximum number of parallel threads for a batch synchronization node	*Maximum number of parallel real-time synchronization nodes
4c8g	8	3
8c16g	16	6
12c24g	24	9
16c32g	32	12
24c48g	48	18

Note *Maximum number of parallel real-time synchronization nodes: The configurations of different real-time synchronization nodes vary, and the maximum number of parallel real-time synchronization nodes for each type of specifications may not be reached during the actual running of the nodes. Therefore, the values in the Maximum number of parallel real-time synchronization nodes column of this table are for reference only. The actual maximum number of real-time synchronization nodes that can be run in parallel depends on the usage of resources in resource groups.

Pricing

Region	Specifications	Price (USD/month)
	4c8g	76.23
	8c16g	152.45

Region	Specifications	Price (USD/month)
China (Hangzhou)	12c24g	228.68
	16c32g	304.91
	24c48g	457.36
China (Shanghai)	4c8g	76.23
	8c16g	152.45
	12c24g	228.68
	16c32g	304.91
	24c48g	457.36
China (Shenzhen)	4c8g	76.23
	8c16g	152.45
	12c24g	228.68
	16c32g	304.91
	24c48g	457.36
China (Beijing)	4c8g	76.23
	8c16g	152.45
	12c24g	228.68
	16c32g	304.91
	24c48g	457.36
China (Zhangjiakou)	4c8g	57.27
	8c16g	114.34
	12c24g	171.61
	16c32g	228.68
	24c48g	343.02
China (Chengdu)	4c8g	62.49
	8c16g	124.79
	12c24g	187.09

Region	Specifications	Price (USD/month)
	16c32g	249.38
	24c48g	374.17
US (Silicon Valley)	4c8g	149.26
	8c16g	298.53
	12c24g	447.77
	16c32g	597.06
	24c48g	895.55
US (Virginia)	4c8g	110.63
	8c16g	221.26
	12c24g	331.89
	16c32g	442.53
	24c48g	663.78
China (Hong Kong)	4c8g	138.73
	8c16g	276.58
	12c24g	416.18
	16c32g	553.16
	24c48g	832.35
Singapore (Singapore)	4c8g	138.73
	8c16g	276.58
	12c24g	416.18
	16c32g	553.16
	24c48g	832.35
Australia (Sydney)	4c8g	147.51
	8c16g	295.02
	12c24g	442.52
	16c32g	590.03

Region	Specifications	Price (USD/month)
	24c48g	885.03
Germany (Frankfurt)	4c8g	138.73
	8c16g	276.58
	12c24g	416.18
	16c32g	553.16
	24c48g	817.91
Malaysia (Kuala Lumpur)	4c8g	130.01
	8c16g	259.06
	12c24g	390.04
	16c32g	517.92
	24c48g	780.07
Indonesia (Jakarta)	4c8g	138.73
	8c16g	276.58
	12c24g	416.18
	16c32g	553.16
	24c48g	832.35
India (Mumbai)	4c8g	115.89
	8c16g	231.00
	12c24g	347.86
	16c32g	462.20
	24c48g	695.72
Japan (Tokyo)	4c8g	158.92
	8c16g	316.97
	12c24g	474.14
	16c32g	633.94
	24c48g	948.27

Region	Specifications	Price (USD/month)
UK (London)	4c8g	104.67
	8c16g	209.33
	12c24g	314.00
	16c32g	418.67
	24c48g	628.00
UAE (Dubai)	4c8g	166.38
	8c16g	331.80
	12c24g	498.38
	16c32g	663.80
	24c48g	996.76

4. Pay-as-you-go

4.1. Pay-as-you-go

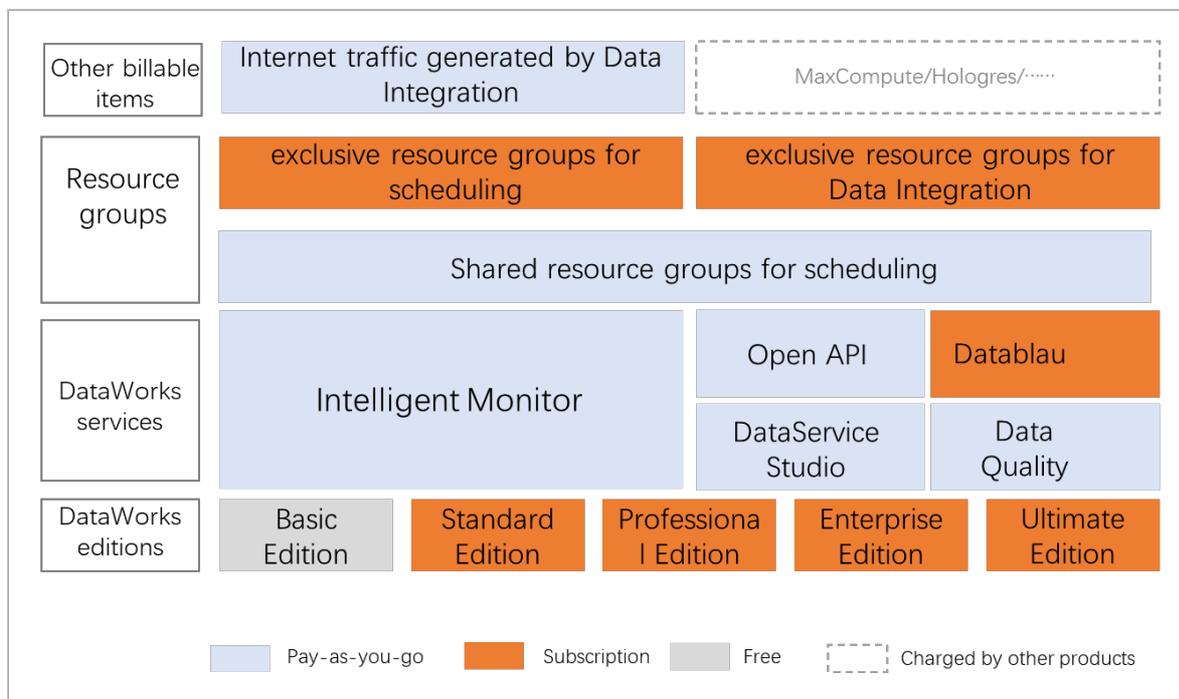
After you activate DataWorks, bills are generated based on the services and resources that you use. You can perform different operations in DataWorks. For example, you can develop nodes, schedule nodes to run at the specified time, and schedule sync nodes. You can also monitor a large number of workflows, monitor data quality, call API operations compiled in DataService Studio.

 Notice

- The system sends you a notification if you have an overdue payment. In this case, you must complete the overdue payment at the earliest opportunity to avoid service suspension. If you have other questions, [submit a ticket](#).
- Shared resource groups for scheduling and shared resource groups for Data Integration are a shared resource pool. If you use the shared resource pool during peak hours, instances may keep waiting for resources and fail to be run. Sync nodes may not be allocated a sufficient number of threads for data transmission. You can purchase exclusive resources to make sure that concurrent nodes can be run as expected. For more information, see [DataWorks exclusive resources](#).

Billable items

Some DataWorks services, such as DataService Studio and Data Quality, are billed in pay-as-you-go mode. You are charged only when you use such services.



For more information about the DataWorks services that are billed in pay-as-you-go mode, see the following topics:

- [Shared resource groups for scheduling](#)

- [Shared resource groups for Data Integration \(debugging\)](#)
- [Internet traffic generated by Data Integration](#)
- [DataService Studio](#)
- [Data Quality](#)
- [Intelligent Monitor: 基线实例计费](#)

 **Note** If you run a smoke test in the development environment, you are charged for the generated instances.

For more information about the billing details of DataWorks services and resources, see [Billing details of DataWorks \(pay-as-you-go\)](#).

4.2. Shared resource groups for scheduling

DataWorks provides shared resource groups for scheduling for you to schedule nodes. Shared resource groups for scheduling are billed in pay-as-you-go mode. This topic describes the billing details of shared resource groups for scheduling.

Background information

Shared resource groups for scheduling are shared resources provided by DataWorks and are billed in pay-as-you-go mode. Shared resource groups for scheduling are used by all DataWorks tenants. During peak hours, this may lead to the situation that tenants preempt resources. In this case, nodes may not be run as scheduled.

To make sure that your nodes run as scheduled, you can purchase a resource plan of shared resource groups for scheduling or use exclusive resource groups for scheduling. For more information about shared resource groups and resource plans, see [Shared resource groups](#). For more information about exclusive resource groups for scheduling, see [Exclusive resource groups for scheduling](#).

Billable items

Bills are generated based on node instances that run on shared resource groups for scheduling. You are charged for node instances that meet the following conditions:

- The node instances are committed to the scheduling system.
After nodes are committed to the scheduling system, you are charged for all the generated instances, except those generated by zero load nodes. The instances include auto triggered node instances, manually triggered node instances, test instances, and data backfill node instances.

- The node instances have been run.

You are charged only for instances that have been run in **Operation Center**. You are not charged for instances that have been generated but not run, instances that are frozen, or dry-run instances.

 **Note**

- When a node runs on an exclusive resource group for scheduling, you are charged only for the exclusive resource group for scheduling that you use, not the shared resource group for scheduling. For more information, see [Exclusive resource groups for scheduling](#).
- If the number of instances per day exceeds 120,000, the excess instances cannot be scheduled. If the number of instances that are required for your business exceeds the upper limit, [submit a ticket](#) to seek technical help from Alibaba Cloud.

Billing cycles and prices

You are billed daily based on a six-tier pricing schedule and the total number of instances that are run per day. The following table describes the billing standards.

Region	Billing tier	Billing cycle	Price
China (Hangzhou) China (Shanghai) China (Beijing) China (Shenzhen) China (Chengdu) China (Zhangjiakou) China (Hong Kong)	1 to 10 successful instances/day	Daily	USD 0.00/day
	11 to 500 successful instances/day	Daily	USD 0.15/day
	501 to 5,000 successful instances/day	Daily	USD 9.29/day
	5,001 to 20,000 successful instances/day	Daily	USD 23.22/day
	20,001 to 50,000 successful instances/day	Daily	USD 41.79/day
	50,001 to 120,000 successful instances/day	Daily	USD 92.87/day
	Singapore (Singapore) Australia (Sydney) Malaysia (Kuala Lumpur) Indonesia (Jakarta) Japan (Tokyo) US (Silicon Valley) US (Virginia) Germany (Frankfurt) UK (London)	1 to 10 successful instances/day	Daily
11 to 500 successful instances/day		Daily	USD 0.23/day
501 to 5,000 successful instances/day		Daily	USD 13.93/day
5,001 to 20,000 successful instances/day		Daily	USD 34.82/day
20,001 to 50,000 successful instances/day		Daily	USD 62.68/day

UAE (Dubai) Region	Billing tier	Billing cycle	Price
	50,001 to 120,000 successful instances/day	Daily	USD 139.30/day

Deduction

At 00:00 every day, the billing system starts to calculate the number of instances that were run on the previous calendar day and deducts a fee based on only one of the pricing tiers that are specified in the preceding billing standards. No additional fee is deducted.

For example, you deploy a DataWorks workspace in the China (Shanghai) region and run 502 instances on April 30, 2019. The billing system deducts a fee of USD 9.26 after 00:00 on May 1, 2019.

Overdue payments

If your Alibaba Cloud account has an overdue payment, you are given a 360-hour grace period and the billing system sends you notifications at the 192nd, 288th, and 336th hours. After you receive a notification, you must top up your Alibaba Cloud account as soon as possible.

- If your bill is overdue for more than 360 hours, the service is suspended. At this time, instances that have not been run cannot be started, but instances that have been started can run until they are finished.
- If you top up your account within 360 hours after your bill becomes overdue, the service is not suspended.
- If your bill becomes overdue again after settlement, you are given another 360-hour grace period before the service is suspended.

4.3. Shared resource groups for Data Integration (debugging)

DataWorks provides shared resource groups for scheduling for you to schedule nodes to run. Shared resource groups for Data Integration are billed in pay-as-you-go mode. This topic describes the billing details of shared resource groups for Data Integration.

Background information

Shared resource groups for Data Integration are shared resources provided by DataWorks. The shared resource groups for Data Integration are billed in pay-as-you-go mode. Shared resource groups for Data Integration are used by all DataWorks tenants. During peak hours, this may lead to the situation that tenants preempt resources. In this case, nodes may not be run as scheduled.

To make sure that your nodes can be run as scheduled, you can purchase a resource plan of shared resource groups for Data Integration or use an exclusive resource for Data Integration.

Billable items

You are charged for the concurrent threads that are used to run data integration node instances. These data integration node instances are generated and run as auto triggered node instances, retroactive instances, manually triggered node instances, node instances in DataStudio workflows, and smoke test instances.

Note

- Data integration node instances use resources in both shared resource groups for Data Integration and shared resource groups for scheduling that are billed by using the pay-as-you-go billing methods.
- Nodes that are run on exclusive resource groups for Data Integration are not counted as nodes that are run on shared resource groups for Data Integration. For more information, see [DataWorks exclusive resources](#).

Note If the number of instances per day exceeds 120,000, the excess instances cannot be scheduled. If the number of instances that are required for your business exceeds the upper limit, [submit a ticket](#) to seek technical help from Alibaba Cloud.

Billing cycles and prices

You are billed daily based on a six-tier pricing schedule and the total number of threads that are used to run data integration node instances per day. The following table describes the billing standards.

Region	Billing tier	Billing cycle	Price
China (Hangzhou) China (Shanghai) China (Beijing) China (Shenzhen) China (Chengdu) China (Zhangjiakou) China (Hong Kong)	1-10 successful instances/day	Daily	USD 0.00/day
	11-500 successful instances/day	Daily	USD 0.15/day
	501-5,000 successful instances/day	Daily	USD 0.93/day
	5,001-20,000 successful instances/day	Daily	USD 3.10/day
	20,001-50,000 successful instances/day	Daily	USD 7.74/day
	50,001-120,000 successful instances/day	Daily	USD 15.48/day

Region	Billing tier	Billing cycle	Price
Singapore	1-10 successful instances/day	Daily	USD 0.00/day
Australia (Sydney)	11-500 successful instances/day	Daily	USD 0.23/day
Malaysia (Kuala Lumpur)	501-5,000 successful instances/day	Daily	USD 1.39/day
Indonesia (Jakarta)	5,001-20,000 successful instances/day	Daily	USD 4.64/day
Japan (Tokyo)	20,001-50,000 successful instances/day	Daily	USD 11.61/day
US (Silicon Valley)	50,001-120,000 successful instances/day	Daily	USD 23.22/day
US (Virginia)			
Germany (Frankfurt)			
UK (London)			
UAE (Dubai)			

Deduction

At 00:00 every day, the billing system starts to calculate the number of instances that were run on the previous calendar day and deducts a fee based on only one of the pricing tiers that are specified in the preceding billing standards. No additional fee is generated.

Assume that you configure two sync nodes named Node A and Node B in your DataWorks workspace in the China (Shanghai) region and use shared resources to run these nodes. If you set the number of concurrent threads for Node A to 2 and schedule it to run by day, the system generates one instance every day. If you set the number of concurrent threads for Node B to 5 and schedule it to run by hour, the system generates 24 instances every day.

If all node instances are run, you are billed based on the following calculation logic:

1. The total number of concurrent threads per day is calculated based on the following formula: $2 \times 1 + 5 \times 24 = 122$.
2. The number of concurrent threads per day is 122, which falls in the range of 11 to 500. Based on the price that corresponds to this range, you are charged a daily fee of USD 0.15.

Overdue payments

If your Alibaba Cloud account has an overdue payment, you are given a 360-hour grace period and the billing system sends you notifications at the 192nd, 288th, and 336th hours. After you receive a notification, you must add funds to your Alibaba Cloud account as soon as possible.

- If your bill is overdue for more than 360 hours, the service will be suspended. At this time, instances that have not been run cannot be started, but instances that have been started can run until they are finished.
- If you add funds to your Alibaba Cloud account within 360 hours after your bill becomes overdue, the service will not be suspended.

4.4. Internet traffic generated by Data Integration

If you run a data integration task on a shared resource group or an exclusive resource group, Internet traffic may be generated during data transmission. You are charged for the generated Internet traffic based on the pay-as-you-go billing method. This topic describes the billing details of Internet traffic generated by Data Integration.

Billable items

If you run a data integration task on a shared resource group or an exclusive resource group, Internet traffic may be generated during data transmission. You are charged for the generated Internet traffic based on the pay-as-you-go billing method.

Note If you run a task on a custom resource group and Internet traffic is generated, you are not charged for the generated Internet traffic. You may be charged for the Internet traffic generated by other cloud services during data transmission. Whether you are charged or not is determined based on the pricing policies of the corresponding services.

Billing cycles and prices

The following table describes the billing cycle and price of Internet traffic that is generated by Data Integration in pay-as-you-go mode. The price may vary based on the region.

Billable item	Billing cycle	Price
Internet traffic that is generated by Data Integration	Hourly	0.12 USD/GB

Deduction

The billing system calculates your fee for the previous hour and generates a bill at the beginning of each hour. Then, the actual fee is deducted from the balance of your Alibaba Cloud account.

For example, the billing system bills you at 09:30 for the charges that are generated from 08:00 to 09:00.

Note If less than 1 GB of Internet traffic is generated in an hour, the billing system sends you a bill of USD 0.12 for 1 GB of Internet traffic at the beginning of the next hour. If less than 1 GB of Internet traffic is generated each hour from 00:00 to 24:00, you are charged USD 2.88 for 24 GB of Internet traffic. The fee is calculated based on the following formula: USD 0.12 per hour × 24 hours = USD 2.88.

Overdue payments

If your Alibaba Cloud account has an overdue payment, you are given a 360-hour grace period and the billing system sends you notifications at the 192nd, 288th, and 336th hours. After you receive a notification, you must top up your Alibaba Cloud account as soon as possible.

- If your bill is overdue for more than 360 hours, the service is suspended. At this time, instances that have not been run cannot be started, but instances that have been started can run until they are

finished.

- If you top up your account within 360 hours after your bill becomes overdue, the service is not suspended.
- If your bill becomes overdue again after settlement, you are given another 360-hour grace period before the service is suspended.

4.5. DataService Studio

DataService Studio allows you to generate APIs for tables and manage and publish the APIs. Bills are generated based on the number of calls and the execution time of APIs that are compiled in DataService Studio. This topic describes the billing details of DataService Studio.

Billable items

You are charged for the calls and execution time of APIs that are compiled in DataService Studio. All users receive a free quota each month. You are charged only for valid calls to APIs that are compiled in DataService Studio, including online test calls.

- Valid calls are API requests that receive a response with an error code of 0.
- Invalid calls are API requests that receive a response with an error code other than 0.

Pricing

DataService Studio provides a free quota for each user every month. The RAM users of an Alibaba Cloud account share the monthly free quota with the Alibaba Cloud account.

- Number of API calls: The first one million API calls that a user makes per month are free.
- Execution time: The first 400,000 GB*s of execution time for API calls that a user makes per month is free.

 **Note** The free quota is recalculated at the beginning of each calendar month. The remaining quota from the previous month does not roll over.

The following table describes the billing details of the excess part.

Billable item	Unit	Unit price	Remarks
Number of API calls	Million calls	USD 0.21/million calls	N/A
Execution time	Memory × seconds (GB*s)	0.000017193 USD/GB*s	The minimum unit of time that the billing system bills you for is 100 ms. A time shorter than 100 ms is calculated as 100 ms.

Assume that you make 10 million API calls this month and each call occupies 2 GB memory and takes 1,060 ms. You are billed based on the following calculation logic:

- Monthly API calls and fee

You have a free quota of one million calls per month. Then, the number of API calls to be billed this month is calculated based on the following formula: 10 million - 1 million = 9 million. The price of every one million calls is USD 0.21. Then, the total fee for the API calls this month is calculated based on the following formula: $900/100 \times 0.21 = \text{USD } 1.89$.

- Monthly execution time and fee

The execution time of API calls is measured in memory × seconds (GB×s). The minimum unit of time that the billing system bills is 100 ms. A time shorter than 100 ms is calculated as 100 ms.

You can calculate the total execution time of API calls based on the following formula: Number of calls × Memory used per call (GB) × Running time per call (s) = $10,000,000 \times 2 \times 1.1 = 22,000,000$ GB×s. You have a free execution time quota of 400,000 GB×s per month. Then, you can calculate the execution time to be billed based on the following formula: $22,000,000 - 400,000 = 21,600,000$ GB×s. The unit price of execution time is USD 0.000017193 per GB×s. Then, you can calculate the total fee of execution time this month based on the following formula: $21,600,000 \times 0.000017193 = \text{USD } 371.37$.

- Total monthly fee

You can calculate the total monthly fee based on the following formula: Monthly API call fee + Monthly execution time fee = $1.89 + 371.37 = \text{USD } 373.26$.

Deduction

The billing cycle of DataService Studio is one hour. The billing system calculates your fee for the previous hour and generates a bill at the beginning of each hour. Then, the actual fee is deducted from the balance of your Alibaba Cloud account.

Overdue payments

If your Alibaba Cloud account has an overdue payment, you are given a 360-hour grace period and the billing system sends you notifications at the 192nd, 288th, and 336th hours. After you receive a notification, you must add funds to your Alibaba Cloud account as soon as possible.

- If your bill is overdue for more than 360 hours, the service will be suspended and you will be unable to call the deployed API operations.
- If you add funds to your Alibaba Cloud account within 360 hours after your bill becomes overdue, the service will not be suspended.
- If the service payment becomes overdue again after settlement, you are given another 360-hour grace period before the service is suspended.

4.6. Data Quality

Data Quality provides a comprehensive data quality solution that has various features. For example, you can detect data, compare data, monitor data quality, scan SQL nodes, and use intelligent alerting. Data Quality is billed based on the number of Data Quality checks for node instances. This topic describes the billing details of Data Quality.

Billable items

You are charged for the Data Quality checks that are generated by Data Quality within each calendar day. Such Data Quality checks are generated when Data Quality rules are triggered by auto triggered node instances, retroactive instances, or rule tests.

Pricing

The following table describes the billing details of Data Quality checks in pay-as-you-go mode.

Billable item	Billing tier (Number of checked instances per day)	Billing cycle	Unit price (USD/day)
Data Quality checks	1~10	Daily	0
	11~200	Daily	3.10
	201~1,000	Daily	7.74
	1,001~5,000	Daily	30.96
	5,000~10,000	Daily	46.43

Deduction

At 00:00 every day, the billing system starts to calculate the number of Data Quality checks that were run on the previous calendar day and deducts a fee based on only one of the pricing tiers that are specified in the preceding billing standards. No additional fee is generated.

- A Data Quality check is run and billed when the corresponding Data Quality rules are triggered and alerts are reported or workflows are blocked due to data quality problems.
- The upper limit for Data Quality checks that are billed based on the pay-as-you-go billing method is 5,000 per day. After the upper limit is reached, Data Quality checks stop running. If you need more Data Quality checks per day, submit a ticket to seek technical help from Alibaba Cloud.

Overdue payments

If your Alibaba Cloud account has an overdue payment, you are given a 24-hour grace period and the billing system sends you notifications at the 12th and 23rd hours. After you receive a notification, you must add funds to your Alibaba Cloud account as soon as possible.

- If your bill is overdue for more than 24 hours, the service will be suspended. In this case, you cannot start new Data Quality checks, but Data Quality checks that have been started are not affected.
- If you add funds to your Alibaba Cloud account within 24 hours after your bill becomes overdue, the service will not be suspended.
- If the service payment becomes overdue again after settlement, you are given another 24-hour grace period before the service is suspended.

4.7. Intelligent Monitor

Intelligent Monitor is a system that monitors and analyzes nodes in DataWorks. This module monitors the status of nodes and sends alerts based on the intervals, notification methods, and recipients specified in alert triggers. Bills are generated based on the baseline instances that are generated by Intelligent Monitor. This topic describes the billing details of Intelligent Monitor.

Billable items

All enabled baselines generate baseline instances. You are billed based on the number of baseline instances that are generated before 23:59 each day.

 **Note** Intelligent Monitor sends alert notifications by text messages. You are charged for text messages.

Billing cycles and prices

The following table describes the billing cycles and prices of Intelligent Monitor.

Billable item	Billing tier (Number of baseline instances that are generated per day)	Billing cycle	Unit price (USD/day)
Baseline instances generated by Intelligent Monitor	1~2	Daily	0
	3~10	Daily	0.77
	11~100	Daily	3.10

Deduction

At 00:00 every day, the billing system starts to calculate the number of baseline instances that were run on the previous business day and deducts a fee based on only one of the pricing tiers that are specified in the preceding billing standards. No additional fee is generated.

- The billing system bills one baseline instance for an hourly baseline of a node that is scheduled to run at intervals of hours.
- The upper limit of baseline instances for enabled baselines that are billed based on the pay-as-you-go billing method is 100 per day. After the upper limit is reached, no more baseline instances can be generated. If you need more baseline instances per day, submit a ticket to seek technical help from Alibaba Cloud.

Overdue payments

If your Alibaba Cloud account has an overdue payment, you are given a 24-hour grace period and the billing system sends you notifications at the 12th and 23rd hours. After you receive a notification, you must add funds to your Alibaba Cloud account as soon as possible.

- If your bill is overdue for more than 24 hours, the service will be suspended. In this case, no more baseline instances can be generated, but baseline instances that have been started are not affected.
- If you add funds to your Alibaba Cloud account within 24 hours after your bill becomes overdue, the service will not be suspended. If the service payment becomes overdue again after settlement, you are given another 24-hour grace period before the service is suspended.

4.8. API operations

After you purchase DataWorks Enterprise Edition or DataWorks Ultimate Edition, you can call DataWorks API operations to use DataWorks features. You are charged based on the number of times you call the API operations. This topic describes the billing of the API operations.

Background information

DataWorks Enterprise Edition or DataWorks Ultimate Edition provides a variety of DataWorks API operations. For more information about how to use the API operations, see [Overview](#).

You are charged for the API operations based on your DataWorks edition and the number of times you call the API operations.

- To use DataWorks API operations, you must purchase the Enterprise Edition or Ultimate Edition.
- DataWorks offers a monthly free quota for API calls in each region. The free quota takes effect on each Alibaba Cloud account, including the RAM users within the Alibaba Cloud account.
- After you use up the free quota, you are charged USD 0.05 per 10,000 calls.

Billing standards

The billing standards are the same in different regions. The following table lists the billing standards for different editions of DataWorks.

Item	Enterprise Edition	Ultimate Edition
Free quota	1 million calls per month	10 million calls per month
Billable API calls	USD 0.05 per 10,000 calls	

Overdue payments

If your account has overdue payments, your DataWorks service is immediately stopped. To ensure service continuity, we recommend that you top up your account at the earliest opportunity.

4.9. Billing details of DataWorks (pay-as-you-go)

This topic describes the billable items, billing tiers, billing cycles, and prices of DataWorks that is activated based on the pay-as-you-go billing method.

Shared resource groups

You are billed daily based on a six-tier pricing schedule and the total number of instances that are run per day. The following table describes the billing standards.

Region	Billing tier	Billing cycle	Price
China (Hangzhou) China (Shanghai) China (Beijing) China (Shenzhen) China (Chengdu)	1 to 10 successful instances/day	Daily	USD 0.00/day
	11 to 500 successful instances/day	Daily	USD 0.15/day
	501 to 5,000 successful instances/day	Daily	USD 9.29/day
	5,001 to 20,000 successful instances/day	Daily	USD 23.22/day

China (Zhangjiakou) Region	Billing tier	Billing cycle	Price
China (Hong Kong)	20,001 to 50,000 successful instances/day	Daily	USD 41.79/day
	50,001 to 120,000 successful instances/day	Daily	USD 92.87/day
Singapore (Singapore) Australia (Sydney) Malaysia (Kuala Lumpur) Indonesia (Jakarta) Japan (Tokyo) US (Silicon Valley) US (Virginia) Germany (Frankfurt) UK (London) UAE (Dubai)	1 to 10 successful instances/day	Daily	USD 0.00/day
	11 to 500 successful instances/day	Daily	USD 0.23/day
	501 to 5,000 successful instances/day	Daily	USD 13.93/day
	5,001 to 20,000 successful instances/day	Daily	USD 34.82/day
	20,001 to 50,000 successful instances/day	Daily	USD 62.68/day
	50,001 to 120,000 successful instances/day	Daily	USD 139.30/day

Shared resource groups for Data Integration

You are billed daily based on a six-tier pricing schedule and the total number of threads that are used to run data integration node instances per day. The following table describes the billing standards.

Region	Billing tier	Billing cycle	Price
China (Hangzhou) China (Shanghai) China (Beijing) China (Shenzhen) China (Chengdu) China (Zhangjiakou) China (Hong Kong)	1-10 successful instances/day	Daily	USD 0.00/day
	11-500 successful instances/day	Daily	USD 0.15/day
	501-5,000 successful instances/day	Daily	USD 0.93/day
	5,001-20,000 successful instances/day	Daily	USD 3.10/day
	20,001-50,000 successful instances/day	Daily	USD 7.74/day

Region	Billing tier	Billing cycle	Price
	50,001-120,000 successful instances/day	Daily	USD 15.48/day
Singapore	1-10 successful instances/day	Daily	USD 0.00/day
Australia (Sydney)	11-500 successful instances/day	Daily	USD 0.23/day
Malaysia (Kuala Lumpur)			
Indonesia (Jakarta)	501-5,000 successful instances/day	Daily	USD 1.39/day
Japan (Tokyo)			
US (Silicon Valley)	5,001-20,000 successful instances/day	Daily	USD 4.64/day
US (Virginia)			
Germany (Frankfurt)	20,001-50,000 successful instances/day	Daily	USD 11.61/day
UK (London)			
UAE (Dubai)	50,001-120,000 successful instances/day	Daily	USD 23.22/day

Internet traffic that is generated by Data Integration

The following table describes the billing cycle and price of Internet traffic that is generated by Data Integration in pay-as-you-go mode. The price may vary based on the region.

Billable item	Billing cycle	Price
Internet traffic that is generated by Data Integration	Hourly	0.12 USD/GB

DataService Studio

DataService Studio provides a free quota for each user every month. The RAM users of an Alibaba Cloud account share the monthly free quota with the Alibaba Cloud account.

- Number of API calls: The first one million API calls that a user makes per month are free.
- Execution time: The first 400,000 GBxs of execution time for API calls that a user makes per month is free.

Note The free quota is recalculated at the beginning of each calendar month. The remaining quota from the previous month does not roll over.

The following table describes the billing details of the excess part.

Billable item	Unit	Unit price	Remarks
Number of API calls	Million calls	USD 0.21/million calls	N/A

Billable item	Unit	Unit price	Remarks
Execution time	Memory × seconds (GB×s)	0.000017193 USD/GB*s	The minimum unit of time that the billing system bills you for is 100 ms. A time shorter than 100 ms is calculated as 100 ms.

Data Quality

The following table describes the billing details of Data Quality checks in pay-as-you-go mode.

Billable item	Billing tier (Number of checked instances per day)	Billing cycle	Unit price (USD/day)
Data Quality checks	1~10	Daily	0
	11~200	Daily	3.10
	201~1,000	Daily	7.74
	1,001~5,000	Daily	30.96
	5,000~10,000	Daily	46.43

Baseline instances in intelligent monitoring

The following table describes the billing cycles and prices of Intelligent Monitor.

Billable item	Billing tier (Number of baseline instances that are generated per day)	Billing cycle	Unit price (USD/day)
Baseline instances generated by Intelligent Monitor	1~2	Daily	0
	3~10	Daily	0.77
	11~100	Daily	3.10

API operation calls

The billing standards are the same in different regions. The following table lists the billing standards for different editions of DataWorks.

Item	Enterprise Edition	Ultimate Edition
Free quota	1 million calls per month	10 million calls per month
Billable API calls	USD 0.05 per 10,000 calls	

5.View spending details

This topic describes how to view the details of each billing item for DataWorks that is activated based on the pay-as-you-go billing method.

DataWorks (pay-as-you-go) provides eight billing items to charge you for different services that you used.

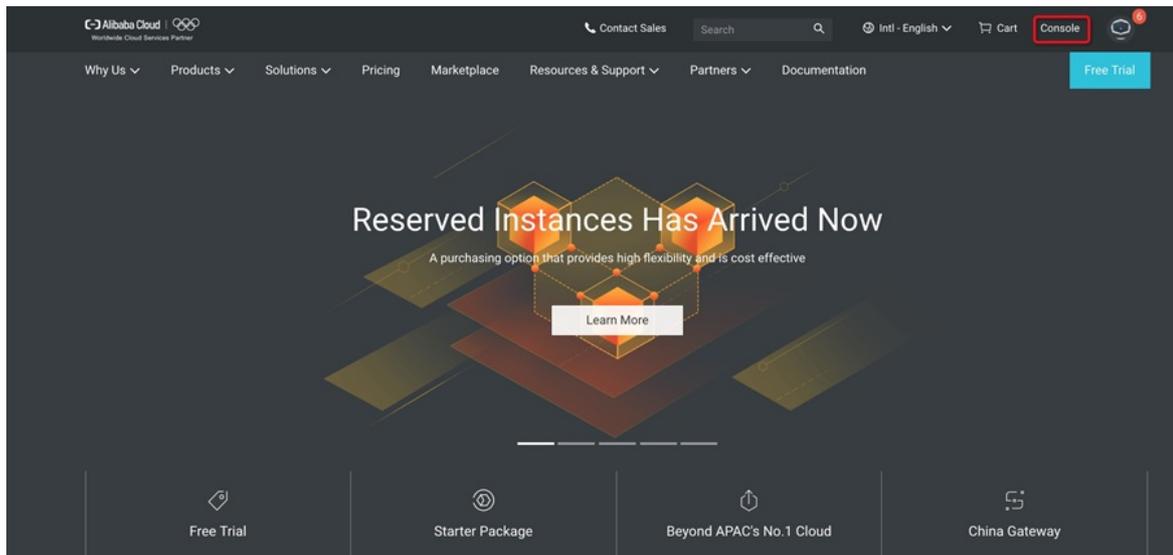
Notice The system may send you notifications when you have an overdue payment. In this case, you must complete the overdue payment at the earliest opportunity to ensure service continuity.

If you have other questions, [submit a ticket](#).

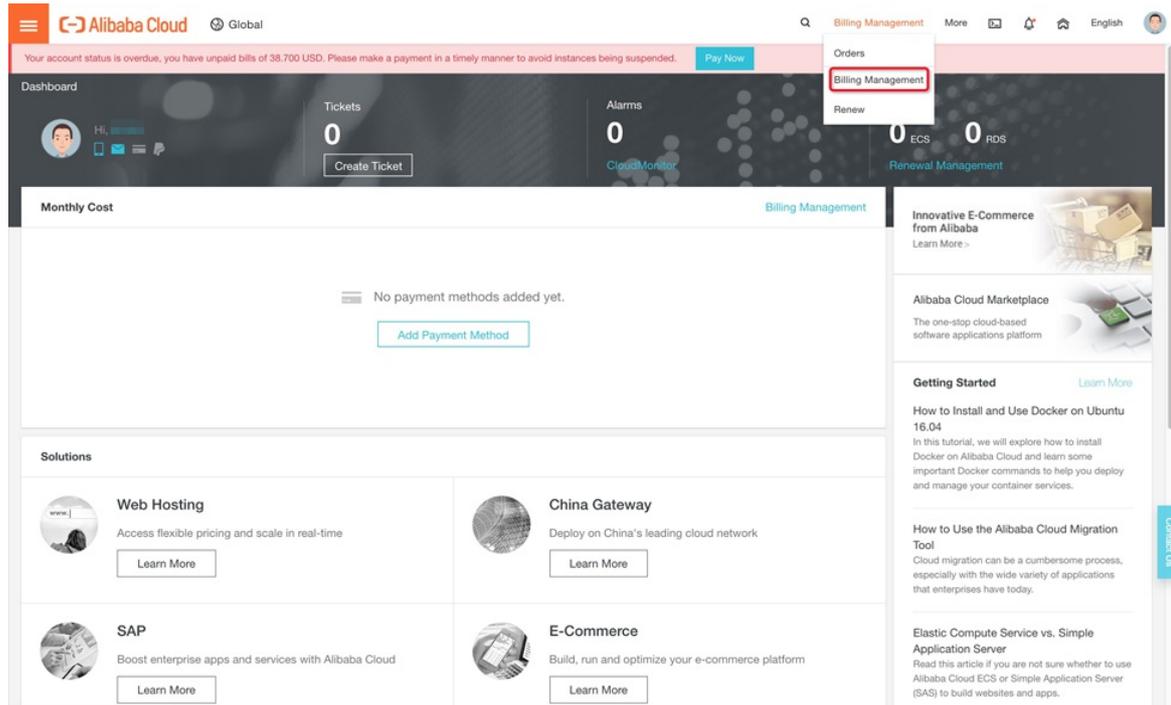
View spending details before bills are generated

If the amount spent on pay-as-you-go resources that you have purchased on alibabacloud.com is less than USD 1,000 within a calendar month, bills are not generated until the first day of the next month. Before bills are generated, you can view spending details on the **Instance Spending Details** page in **Billing Management**.

1. Visit the Alibaba Cloud official website and click **Console** in the upper-right corner to log on to the Alibaba Cloud console.

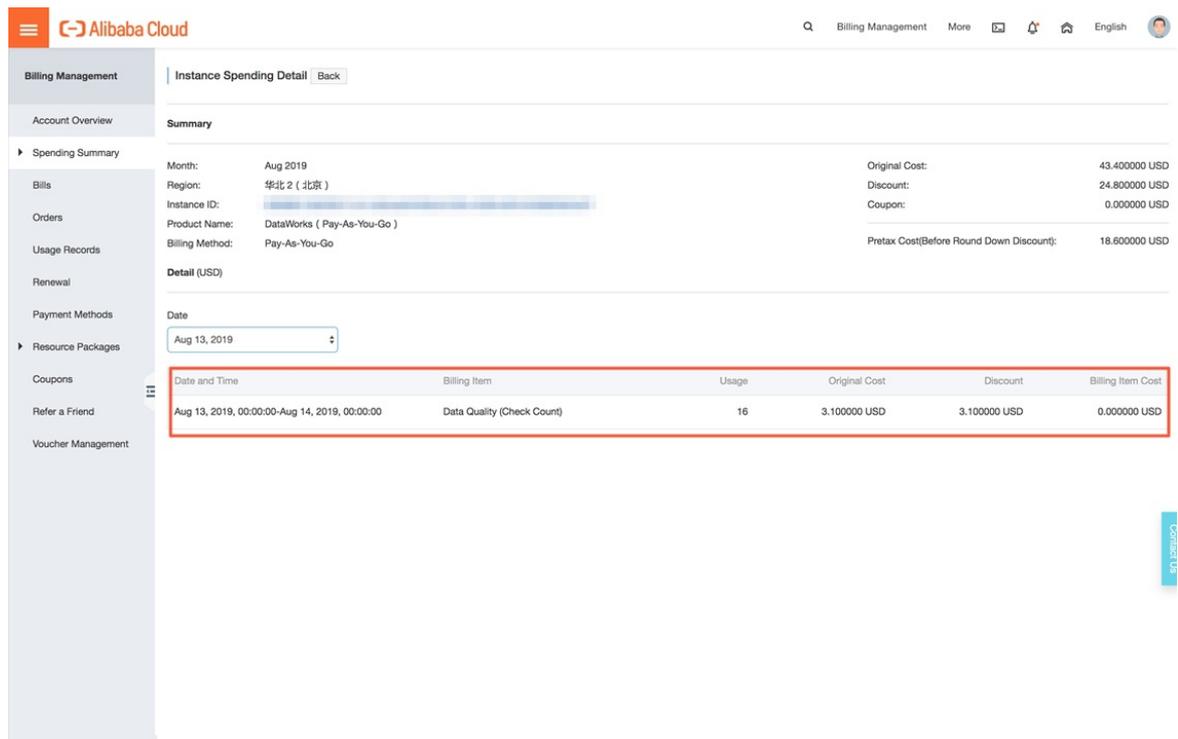
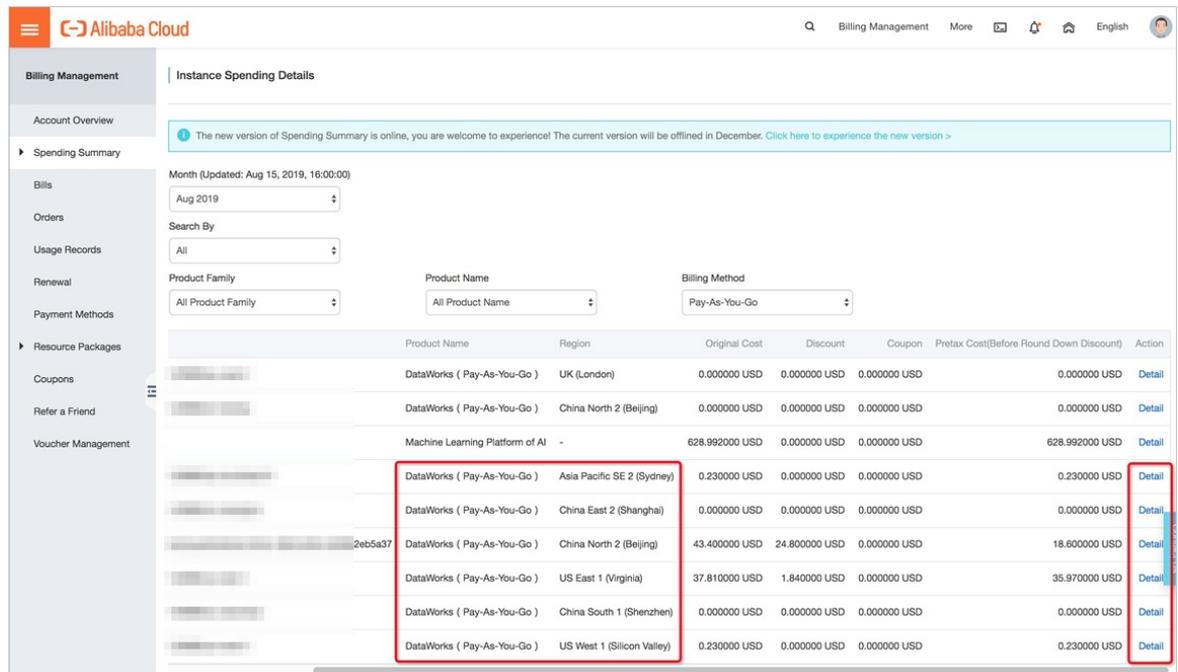


2. In the top navigation bar, choose **Expenses > User Center**.



3. In the left-side navigation pane, choose Spending Summary > Instance Spending Details.
4. You can filter the records that you want to view by items, such as Product Name and Billing Method.

Click **Detail** in the Action column of a record to view the usage and spending details of each billing item on each date.



View spending details after bills are generated

If the amount spent on pay-as-you-go resources that you have purchased on alibabacloud.com reaches USD 1,000 within a calendar month, bills are generated on the next day. If the amount spent on pay-as-you-go resources that you have purchased on alibabacloud.com is less than USD 1,000 within a calendar month, bills are generated before 12:00 on the first day of the next month. To view spending details after bills are generated, perform the following steps:

1. Visit t he Alibaba Cloud official website and click **Console** in the upper-right corner to log on to the Alibaba Cloud console.
2. In the top navigation bar, choose **Expenses > User Center**.
3. In the left-side navigation pane, choose **Spending Summary > Spending Summary**. On the Bills page, click t he **Details** tab.
4. Select **Billing Item** for **Statistic Item** and search for **Dat aWorks (Pay-As-You-Go)** in the **Product Detail** column.

Then, you can view t he usage and spending details of each billing item by month or day.

The screenshot shows the Alibaba Cloud Billing Management console. The 'Bills' section is active, and the 'Details' tab is selected. The 'Statistic Item' is set to 'Billing Item' and the 'Statistic Period' is set to 'By Day'. A table of billing items is displayed, with the following columns: Instance ID, Resource Group, Region, Billing Item, and List Price. The table contains 15 rows of data, including items like 'Shared Resource Groups for Scheduling', 'App Studio Development Environment', and 'Public Network Traffic of Data Integration'.

Instance ID	Resource Group	Region	Billing Item	List Price
[Redacted]	[Redacted]	Australia (Sydney)	Shared Resource Groups for Scheduling	0.230000
[Redacted]	[Redacted]	China (Beijing)	App Studio Development Environment	0.120000
[Redacted]	[Redacted]	China (Shenzhen)	Public Network Traffic of Data Integration	0.120000
[Redacted]	[Redacted]	China (Shanghai)	Public Network Traffic of Data Integration	0.120000
[Redacted]	[Redacted]	US (Virginia)	Shared Resource Groups for Scheduling	34.820000
[Redacted]	[Redacted]	China (Shanghai)	Shared Resource Groups for Data Integration Instan	0.150000
[Redacted]	[Redacted]	China (Shanghai)	App Studio Development Environment	0.120000
[Redacted]	[Redacted]	China (Beijing)	Shared Resource Groups for Data Integration Instan	0.000000
[Redacted]	[Redacted]	Singapore	Public Network Traffic of Data Integration	0.120000
[Redacted]	[Redacted]	China (Beijing)	Public Network Traffic of Data Integration	0.120000
[Redacted]	[Redacted]	Singapore	Shared Resource Groups for Data Integration Instan	0.230000
[Redacted]	[Redacted]	China (Beijing)	Data Quality (Check Count)	3.100000
[Redacted]	[Redacted]	China (Shenzhen)	public_alisa_resource_price	0.000000
[Redacted]	[Redacted]	China (Beijing)	public_cdp_resource_price	0.000000
[Redacted]	[Redacted]		DSW_P100 Usage	0.031200