

Alibaba Cloud DataWorks

Pricing

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Generic conventions

Table -1: Style conventions

Style	Description	Example
	This warning information 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.
	This warning information 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 restore business.
	This indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	 Note: You can use Ctrl + A to select all files.
>	Multi-level menu cascade.	Settings > Network > Set network type
Bold	It is used for buttons, menus, page names, and other UI elements.	Click OK.
Courier font	It is used for commands.	Run the <code>cd / d C :/ windows</code> command to enter the Windows system folder.
<i>Italics</i>	It is used for parameters and variables.	<code>bae log list --instanceid Instance_ID</code>
[] or [a b]	It indicates that it is an optional value, and only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
{} or {a b}	It indicates that it is a required value, and only one item can be selected.	<code>swich {stand slave}</code>

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1 Billing method overview

This topic describes the billing objects and billing methods of DataWorks. DataWorks provides two billing methods: Pay-As-You-Go (post-payment) and subscription (pre-payment).

Billing methods

DataWorks provides two billing methods: Pay-As-You-Go (post-payment) and subscription (pre-payment).

- Pay-As-You-Go (post-payment)

Pay-As-You-Go bills you based on the actual volume used multiplied by the unit price. There are two billing cycles used for different billing items:

- **Hourly billing:** Every hour, the billing system calculates the actual volume used over the previous hour and deducts the amount from your account balance.

For example, the billing system bills you at 9:30 for the charges produced from 08:00 to 09:00.

- **Daily billing:** At the beginning of each calendar day, the billing system calculates the actual volume used over the previous calendar day and deducts the actual consumption amount from your account balance.

For example, the billing system bills you at 00:00:00 on May 12, 2019 for the charges produced from 00:00:00 to 23:59:59 on May 11, 2019.



Note:

- All users (new users and beta users) must activate DataWorks in Pay-As-You-Go mode first. After it is activated, the free edition of DataWorks (DataWorks Basic Edition) is available. This allows you to use the basic functions of all the core modules of DataWorks at the lowest cost.
- Beta users who activate DataWorks in Pay-As-You-Go mode will have their existing DataWorks editions set to Basic Edition. Any **advanced edition functions** being used will be retained (with the exception of baseline alerts and event alerts which will have services stopped), but new instances of these functions cannot be created. Purchase an advanced edition to create new instances of these functions again.

- Subscription (pre-payment)

In the subscription method, you can use resources only after paying for them

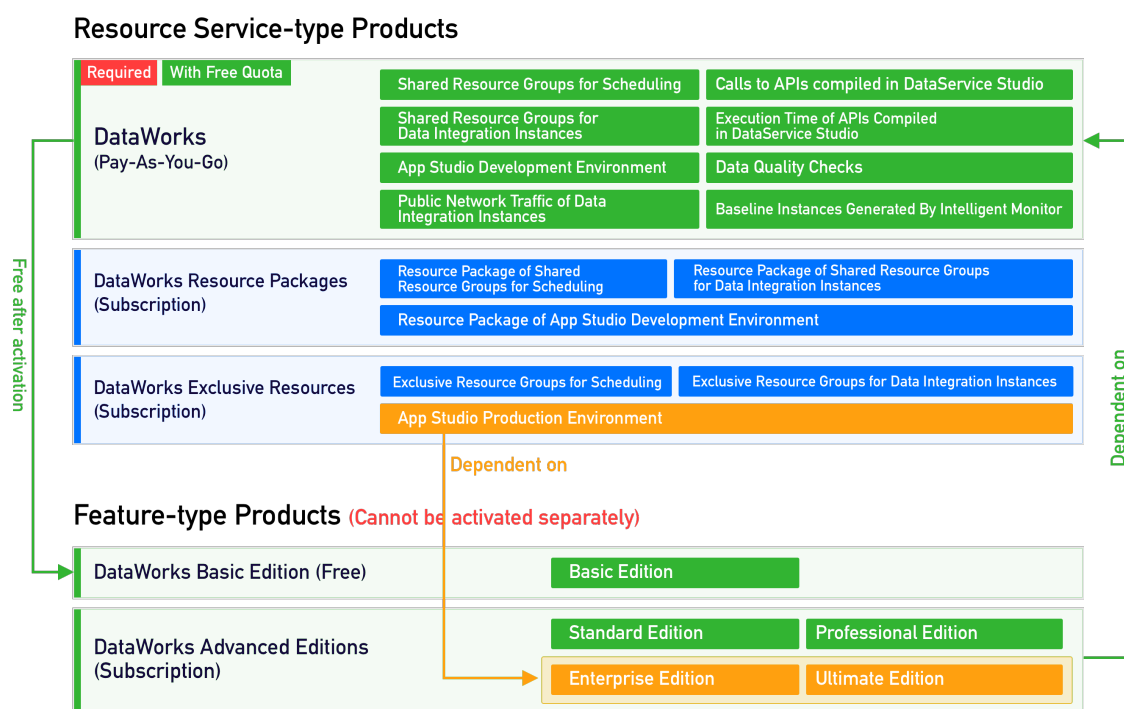
. Depending on the billing cycle, a subscription can be paid for a service on a monthly or yearly basis, or for a package without a validity period.

Product overview

Based on the billing method used, you can purchase or activate the following four DataWorks products:

- DataWorks (Pay-As-You-Go)
- DataWorks resource packages (subscription)
- DataWorks exclusive resources (subscription)
- DataWorks advanced editions (subscription)

The following figure shows the billing items and purchase plans for these products.



The following table describes the relationships between the billing objects and billing items.

Billing Object	Billing Item	Subscription	Pay-As-You-Go
DataWorks Edition (Including Basic Edition)	Standard Edition, Professional Edition, Enterprise Edition, Ultimate Edition	✓	
Scheduled Instances (with free daily quota)	Shared Resource Groups for Scheduling		✓
	Resource Package of Shared Resource Groups for Scheduling	✓	
	Exclusive Resource Groups for for Scheduling	✓	
Concurrent Data Integration Instances (with free daily quota)	Shared Resource Groups for Data Integration Instances		✓
	Resource Package of Shared Resource Groups for Data Integration Instances	✓	
	Exclusive Resource Groups for Data Integration Instances	✓	
Code Debugging Time in App Studio Development Environment (with free monthly quota)	App Studio Development Environment		✓
	Resource Package of AppStudio Development Environment	✓	
App Studio Production Environment	App Studio Production Environment	✓	
Public Network Traffic of Data Integration Instances (only public network traffic is billed)	Public network Traffic of Data Integration Instances		✓
Calls to APIs Compiled in DataService Studio (with free monthly quota)	Calls to APIs Compiled in DataService Studio		✓
Calls to APIs Compiled in DataService Studio (with free monthly quota)	Execution Time of APIs Compiled in DataService Studio		✓
Data Quality Checks (with free daily quota)	Data Quality Checks		✓
Baseline Instances Generated by Intelligent Monitor (with free daily quota)	Baseline Instances Generated by Intelligent Monitor		✓

Pay-As-You-Go (post-payment)

DataWorks must be activated in Pay-As-You-Go (post-payment) mode. Only then can you use all the basic functions of DataWorks. For more information, see [Pay-as-you-go](#).

Subscription (pre-payment)

- DataWorks advanced editions (subscription)

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. For more information, see [DataWorks advanced editions](#).

- DataWorks resource packages (pre-payment)

DataWorks provides resource packages of shared resource groups for scheduling, shared resource groups for Data Integration instances, and App Studio development environments. You can use these resource packages to lower your costs. For more information, see [DataWorks resource packages](#).

- **DataWorks exclusive resources (subscription)**

DataWorks provides three types of exclusive resources for you to choose from: exclusive resources for scheduling, exclusive resources for Data Integration instances, and App Studio production environments. These resources deliver optimal performance assurance. For more information, see [DataWorks exclusive resources](#).

2 Pay-as-you-go

After activating DataWorks in pay-as-you-go mode, you can develop nodes, run nodes on a scheduled basis, schedule data sync nodes, monitor a large number of workflows, monitor data quality, call APIs that are compiled in DataService Studio, debug code in the App Studio development environment, and perform other operations.

**Note:**

When using DataWorks for the first time, you must activate DataWorks in pay-as-you-go mode. This gives you access to all the basic functions of DataWorks at the lowest cost, enabling you to experience the all-in-one data development process.

Billing items

When DataWorks is activated in pay-as-you-go mode, the following billing items apply :

- Shared resource groups for scheduling
- Shared resource groups for Data Integration instances
- Baseline instances generated by Intelligent Monitor
- Data Quality checks
- Calls and execution time of APIs compiled in DataService Studio
- App Studio development environment

**Note:**

- You are billed only when you use these resources.
- After you activate these billing items, the system automatically activates DataWorks Basic Edition for free.
- If you perform a smoke test in the development environment, instances are generated and billed.

For more information, see [DataWorks Pay-As-You-Go mode details](#).

Shared resource groups for scheduling

- **Billing range**

All instances generated by nodes (except the instances generated by virtual nodes) that are submitted to the scheduling system are included in the billing range.

The instances include auto triggered instances, manually triggered instances, test instances, and retroactive instances.

- **Billing standard**

This billing item is billed daily based on a tiered pricing schedule according to the number of instances run per day. The billing standard is listed in the following table.

Region	Minimum number of instances	Maximum number of instances	Billing cycle	Fee (USD/day)
China (Hangzhou)	1	10	Daily	0.00
	11	500	Daily	0.15
China (Shanghai)	501	5,000	Daily	9.29
	5,001	20,000	Daily	23.22
China (Beijing)	20,001	50,000	Daily	41.79
China (Shenzhen)	50,001	120,000	Daily	92.87
Hong Kong				

Region	Minimum number of instances	Maximum number of instances	Billing cycle	Fee (USD/day)
Singapore	1	10	Daily	0.00
Australia (Sydney)	11	500	Daily	0.23
	501	5,000	Daily	13.93
Malaysia (Kuala Lumpur)	5,001	20,000	Daily	34.82
	20,001	50,000	Daily	62.68
Indonesia (Jakarta)	50,001	120,000	Daily	139.30
Japan (Tokyo)				
US (Silicon Valley)				
US (Virginia)				
Germany (Frankfurt)				
UK (London)				
UAE (Dubai)				

**Note:**

- Only instances that have been run in O&M Center > Task O&M are billed. Instances that have been generated but not run, instances that are frozen, and dry-run instances are not billed.
- If the number of instances per day exceeds 120,000, the excess instances cannot be scheduled. If your actual business volume exceeds this threshold, open a ticket to seek help from Alibaba Cloud Customer Services.

- Deduction method

Starting at 00:00 every day, the billing system settles the number of instances that were run in the previous calendar day and deducts fees based on only one of the

pricing tiers specified in the preceding billing standard. No additional fees are generated.

Assume that you deploy a DataWorks workspace in China (Shanghai) and run 502 instances on April 30, 2019. The billing system deducts a fee of 9.26 USD from your account balance after 00:00 on May 1, 2019.

- Overdue payments

If payment for your account becomes overdue, you are given a 360-hour grace period. The billing system sends a notification at the 192nd, 288th, and 336th hours, reminding you to renew your account as soon as possible.

- If your bill is overdue for more than 360 hours, the service will be suspended. At this time, any instances that have not run cannot be started, but the running instances can be retained until they are finished.
- If you recharge your account within 360 hours after your bill becomes overdue, the service will not be suspended.
- If the service payment becomes overdue again after settlement, the service will be suspended 360 hours after it enters into arrears.

Shared resource groups for Data Integration instances

- Billing range

The billing system bills the concurrent instances that are generated and run successfully when Data Integration nodes run in auto-triggered instances, retroactive instances, manually triggered instances, DataStudio workflow, or smoke testing mode.



Note:

Data Integration instances consume both shared resource groups for Data Integration instances (pay-as-you-go) and shared resource groups for scheduling (pay-as-you-go).

- **Billing standard**

This billing item is billed daily based on a tiered pricing schedule according to the number of concurrent instances generated when Data Integration nodes are scheduled per day. The billing standard is listed in the following table.

Region	Minimum number of instances	Maximum number of instances	Billing cycle	Fee (USD/day)
China (Hangzhou)	1	10	Daily	0.00
China (Shanghai)	11	500	Daily	0.15
China (Beijing)	501	5,000	Daily	0.93
China (Shenzhen)	5,001	20,000	Daily	3.10
Hong Kong	20,001	50,000	Daily	7.74
	50,001	120,000	Daily	15.48

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

**Note:**

If the number of instances per day exceeds 120,000, the excess instances cannot be scheduled. If your actual business volume exceeds this threshold, open a ticket to seek help from Alibaba Cloud Customer Services.

- Deduction method

Starting at 00:00 every day, the billing system settles the number of instances that were run in the previous calendar day and deducts fees based on only one of the pricing tiers specified in the preceding billing standard. No additional fees are generated.

Assume that you configure two sync nodes (nodes A and B) in your DataWorks workspace in China (Shanghai) and use shared resources to run these nodes. If you set the concurrency of node A to 2 and schedule it on a daily basis, the system

generates one instance every day. If you set the concurrency of node B to 5 and schedule it on an hourly basis, the system generates 24 instances every day.

If all node instances run, you are billed as follows:

1. Total concurrent instances settled each day: $2 \times 1 + 5 \times 24 = 122$.
2. The number of daily concurrent instances is 122, which is in the 11 to 500 tier. According the price for this tier, you are charged a daily fee of 0.15 USD.

- Overdue payments

If payment for your account becomes overdue, you are given a 360-hour grace period. The billing system sends a notification at the 192nd, 288th, and 336th hours, reminding you to renew your account as soon as possible.

- If your bill is overdue for more than 360 hours, the service will be suspended. At this time, any instances that have not run cannot be started, but the running instances can be retained until they are finished.
- If you recharge your account within 360 hours after your bill becomes overdue, the service will not be suspended.
- If the service payment becomes overdue again after settlement, the service will be suspended 360 hours after it enters into arrears.

Public network traffic of Data Integration instances

- Billing range

When Data Integration nodes are run in shared resource groups or on exclusive resources, the public network traffic they generate is billed on a pay-as-you-go basis. The unit price is 0.12 USD/GB.



Note:

When public network traffic is generated, DataWorks does not charge for the public network traffic generated by nodes running in custom resource groups. You may be billed for the public network traffic generated by other cloud products during data transmission, depending on the pricing policies of the corresponding products.

- Deduction method

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

For example, the billing system bills you at 9:30 for the charges incurred from 08:00 to 09:00.

- Overdue payments

If payment for your account becomes overdue, you are given a 360-hour grace period. The billing system sends a notification at the 192nd, 288th, and 336th hours, reminding you to renew your account as soon as possible.

- If your bill is overdue for more than 360 hours, the service will be suspended. At this time, any instances that have not run cannot be started, but the running instances can be retained until they are finished.
- If you recharge your account within 360 hours after your bill becomes overdue, the service will not be suspended.
- If the service payment becomes overdue again after settlement, the service will be suspended 360 hours after it enters into arrears.

Calls and execution time of APIs compiled in DataService Studio

- Billing range

The billing system bills the calls and execution time of APIs that are compiled in DataService Studio. All users receive a free quota each month. The billing system bills for only valid calls to APIs 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.

- Billing standard

Billing item	Unit	Unit price	Remarks
Number of API calls	Million calls	0.21 USD/million requests	None

Billing 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 is 100 ms. A time shorter than 100 ms is calculated as 100 ms.

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

- Number of API calls: The first 1 million calls that a user makes per month are free.
- Execution time: The first 400,000 GB*s of API call execution time for each user is free each month.



Note:

The free quota is recalculated at the start of each new month. Any remaining quota from the previous month does not roll over.

For example, if you make 10 million API calls this month, and each call occupies 2 GB and takes 1,060 ms, you will be charged as follows:

- Monthly API calls and fees

You receive a free quota of 1 million calls per month, so the number of API calls to be billed this month is 10 million - 1 million = 9 million. The price for every 1 million calls is 0.21 USD, so the total API call fee for this month is $900 / 100$

$$\times 0.21 = 1.89 \text{ USD.}$$

- Monthly execution time and fee

The API call execution time is measured in memory (GB) × seconds, that is, 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.

Your total API call execution time = Number of calls × Memory consumed per call (GB) × Running time per call (seconds) = $10,000,000 \times 2 \times 1.1$ = 22,000,000 GB×s. You receive a free API call execution time quota of 400,000 GB×s each month, so the actual API call execution time to be

billed is $22,000,000 - 400,000 = 21,600,000$ GB×s. If the price per GB×s of API call execution time is 0.000017193 USD, the fee for the total API call execution time for this month is $21,600,000 \times 0.000017193 = 371.37$ USD.

- Total monthly fee

Total monthly fee = Monthly API call fee + Monthly execution time fee, that is $1.89 + 371.37 = 373.26$ USD.

- Deduction method

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

- Overdue payments

If payment for your account becomes overdue, you are given a 360-hour grace period. The billing system sends a notification at the 192nd, 288th, and 336th hours, reminding you to renew your account as soon as possible.

- If the payment is overdue for more than 360 hours, the service will be suspended and you will be unable to call the released APIs normally.
- If you recharge your account within 360 hours after your bill becomes overdue, the service will not be suspended.
- If the service payment becomes overdue again after settlement, the service will be suspended 360 hours after it enters into arrears.

Data Quality checks

- Billing range

The billing system bills the Data Quality checks that are successfully generated by Data Quality within each calendar day. Such Data Quality checks are generated when related Data Quality rules run in auto-triggered instances, retroactive instances, or trial run mode.

- Billing standard (currently free of charge)

Data Quality checks per day	Price (USD/day)	
1 to 10	0.00	

Data Quality checks per day	Price (USD/day)	
11 to 200	3.10	
201 to 1,000	7.74	
1,001 to 5,000	30.96	
5,000 to 10,000	46.43	

- Deduction method

Starting at 00:00 every day, the billing system settles the number of instances that were run in the previous calendar day and deducts fees based on only one of the pricing tiers specified in the preceding billing standard. No additional fees are generated.

- Successful running refers to the successful implementation of the rule itself. A rule is considered successfully implemented if alerts are reported or workflows are blocked due to data quality problems.
- The pay-as-you-go limit for Data Quality checks is 5,000. After this threshold is reached, Data Quality checks stop running. If you need more Data Quality checks per day, open a ticket to seek help from Alibaba Cloud Customer Services

- Overdue payments

If payment for your account becomes overdue, you are given a 24-hour grace period. The billing system sends a notification at the 12th and 23rd hours, reminding you to renew your 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 any Data Quality checks that are already started are not affected.
- If you recharge your account within 24 hours after your bill becomes overdue, the service will not be suspended.
- If the service payment becomes overdue again after settlement, the service will be suspended 24 hours after it enters into arrears.

Baseline instances generated by Intelligent Monitor

- Billing range

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

- Billing standard (currently free of charge)

Baseline instances per day	Price (USD/day)	
1 to 2	0.00	
3 to 10	0.77	
11 to 100	3.10	

- Deduction method

Starting at 00:00 every day, the billing system settles the number of baseline instances that were run in the previous business day and deducts fees based on only one of the pricing tiers specified in the preceding billing standard. No additional fees are generated.

- The billing system calculates one baseline instance for an hourly baseline of an hourly task.
- The pay-as-you-go limit for enabled baselines is 100. After this threshold is reached, no more baseline instances can be generated. If you need more baseline instances, open a ticket to seek help from Alibaba Cloud Customer Services.

- Overdue payments

If payment for your account becomes overdue, you are given a 24-hour grace period. The billing system sends a notification at the 12th and 23rd hours, reminding you to renew your 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 are already started are not affected.
- If you recharge your account within 24 hours after your bill becomes overdue, the service will not be suspended. If the service payment becomes overdue again after settlement, the service will be suspended 24 hours after it enters into arrears.

App Studio development environment

- Billing standard

This billing item charges code debugging time in the App Studio development environment on an hourly basis. This billing standards are listed in the following table.

App Studio development environment	Code debugging fee (USD/hour)	Region
1c2g	0.12	China (Shanghai)
2c4g	0.25	China (Hangzhou)
4c8g	0.50	China (Shenzhen)
8c16g	0.99	China (Beijing)



Note:

The first 2 billable hours of each month are free of charge. The conversion between billable hours and hours is listed in the following table.

App Studio development environment	Actual debugging time (hours)	Consumed billable hours
1c2g	1	1
2c4g	1	2
4c8g	1	4
8c16g	1	8

- Deduction method

Billing starts when you start code debugging and ends when the code debugging ends.

If you modify the instance specifications in the debugging configuration, the debugging fee is billed according to the corresponding configuration.

- Overdue payments

If payment for your account becomes overdue, you are given a 24-hour grace period. The billing system sends a notification at the 12th and 23rd hours, reminding you to renew your account as soon as possible.

- If your bill is overdue for more than 24 hours, the service will be suspended . If you are currently debugging at this time, the current process will not be interrupted. However, once you stop, the debugging cannot be restored.
- If you recharge your account within 24 hours after your bill becomes overdue, the service will not be suspended.
- If the service payment becomes overdue again after settlement, the service will be suspended 24 hours after it enters into arrears.

3 Subscription (pre-payment)

3.1 DataWorks advanced editions

DataWorks is available in 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.



Note:

- You must activate the DataWorks subscription method to use the value-added services provided by DataWorks.
- The deployment modules for the advanced editions differ between regions. For more information, see [Function comparison between different DataWorks editions](#).
- Only one DataWorks advanced edition can be purchased in the same region at one time. You can purchase another edition in this region only after the current edition expires and is released.

Edition	Description
Basic Edition	After activating DataWorks in pay-as-you-go mode, you receive the DataWorks Basic Edition for free. With this edition , you can perform basic data migration to the cloud, data development and scheduling, and simple data governance.
Standard Edition	In addition to the functions provided by the Basic Edition, the Standard Edition provides more professional data governance functions, along with the enhanced intelligent editor and Data Integration functions.

Edition	Description
Professional Edition	In addition to the functions provided by the Standard Edition, the Professional Edition provides more professional data security functions and enhanced data governance and data service functions. You can directly use these functions rather than developing code to implement data governance and data security.
Enterprise Edition	In addition to the functions provided by the Professional Edition, the Enterprise Edition provides a data asset management module, which allows you to install extension components and open advanced APIs, to provide secondary development functions on the cloud.
Ultimate Edition	DataWorks Ultimate Edition provides a full set of API operations, including all the functions of the Enterprise Edition, and supports custom product consoles, custom logos, custom skins, and metadata backflow services, allowing you to quickly create your own data mid-end.

Prices for the different editions

Edition	Price
Basic Edition	0.00 USD/month
Standard Edition	387 USD/month
Professional Edition	774 USD/month
Enterprise Edition	3,096 USD/month
Ultimate Edition	309,552 USD/year (feel free to contact us)

Functions of different editions

You can select the edition that best suits your needs by comparing their functions. For more information, see [Function comparison between different DataWorks editions](#).

Upgrade and renewal

- Upgrade

A lower-level advanced edition can be upgraded to a higher-level edition. You need to pay only the price difference for the remaining portion of the billing cycle.

- Renewal

You can renew an advanced edition within 360 hours or after it expires. If you do not renew your advanced edition within 360 hours after it expires, the advanced functions are disabled. For the specific function deactivation rules for each edition, see [Function downgrades of DataWorks advanced editions upon expiration](#).

Service suspension and downgrade

Alibaba Cloud sends expiration warnings to the mobile number and email address that were bound to your primary Alibaba Cloud account and sends you messages 8 days, 12 days, and 14 days before your purchased advanced edition (Standard, Professional, Enterprise, or Ultimate Edition) expires.

If you do not renew your edition within 15 days after it expires, the advanced functions of the edition are disabled 15 days after the expiration, and the edition is downgraded to the Basic Edition. For the specific function deactivation rules for each edition, see [Function downgrades of DataWorks advanced editions upon expiration](#).

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

3.2 DataWorks resource packages

DataWorks provides the resource packages of shared resource groups for scheduling, shared resource groups for Data Integration instances, and App Studio development environments. You can use these resource packages to lower your costs.

If your number of instances scheduled each day reaches a certain level and you can maintain steady growth, consider purchasing the resource packages of shared resource groups and shared resource groups for Data Integration instances. This provides you with the best price.

If you need to debug code frequently in App Studio, you can choose the resource package for App Studio development environments. This provides you with the lowest price per unit of time.

**Note:**

Currently, this resource package does not support the renewal function. Pay attention to the resource package expiration date and expiration reminders (through SMS or email), and renew it before it expires. Otherwise, the account balance is deducted in pay-as-you-go mode after the package expires, resulting in increased business costs.

Resource package of shared resource groups

If your number of instances scheduled each day reaches a certain level and you can maintain steady growth but shared resource groups cannot give you the lowest costs, consider purchasing a resource package of shared resource groups to support the running of scheduled instances.

- **Billing range**

All instances of any type that are generated by nodes and submitted to the scheduling system are included in the billing range. This includes automatically triggered instances, manually triggered instances, test instances, and retroactive instances.

- **Billing standard**

Since the start of the trial operation of DataWorks on June 4, 2019, all users who have activated DataWorks can enjoy a 0% discount for 30 days. After July 2019, users can enjoy a 35% discount for purchasing resource packages.

Region	Billing standard	Description
China (Shanghai), China (Hangzhou), China (Beijing), China (Shenzhen), Hong Kong	Resource package type	1,500,000 instances/month
	Duration	Starting from 6 months
	Minimum quantity	Starting from 1
	Price per resource package	14,790 USD/6 months 29,580 USD/year

Region	Billing standard	Description
US (Silicon Valley), US (Virginia), Singapore, Australia (Sydney), Malaysia (Kuala Lumpur), Indonesia (Jakarta), India (Mumbai), Japan (Tokyo), Germany (Frankfurt), UK (London), UAE (Dubai)	Resource package type	1,500,000 instances/month
	Duration	Starting from 6 months
	Minimum quantity	Starting from 1
	Price per resource package	21,378 USD/6 months 42,756 USD/year

**Note:**

Instances that run in the current month only consume the instance quota of the resource package of the same month (the monthly instance quota for a single resource package cannot exceed 1,500,000 instances). The instance quota is restored at the start of the next month. Unused quota does not roll over to the next month.

- Example 1: If you purchase the 6-month resource package and only use 1, 200,000 instances in the first month, you have a remaining quota of 300,000 instances. If you do not use these instances by the end of the first month, the remaining quota from the first month does not roll over to the second month, and the instance quota for the second month is still 1,500,000 instances.
- Example 2: If you purchase the 6-month resource package and your quota for the first month is 1,500,000 instances, any instances in excess of the quota are billed according to the billing standard of shared resource groups.
- Deduction method

Resource packages are paid for by subscription. You can start using a resource package after paying the full subscription fee during a given service period. After you purchase a resource package, all instances that run successfully are deducted from the resource package quota first.

This resource package includes a quota of instances that can be scheduled. When you schedule instances, the resource package is used up first.

- **Expiration**

After a resource package expires, you are given a 15-day grace period. During the 15 days, the quota in the resource package can still be used to offset the usage of pay-as-you-go items in the shared resource group.

After 15 days, the unused quota in the resource package becomes unavailable. If you want to continue using the resources by resource package, you must purchase another resource package.

Resource package of shared resource groups for Data Integration instances

If your number of concurrent instances scheduled each day reaches a certain level and you can maintain steady growth but shared resource groups for Data Integration instances cannot give you the lowest costs, consider purchasing a resource package of shared resource groups for Data Integration instances to support the running of scheduled instances.

- **Billing range**

Concurrent instances that are generated when Data Integration nodes run in automatically triggered instances, retroactive instances, manually triggered instances, DataStudio workflow, or smoke testing mode.

- **Billing standard**

Region	Billing standard	Description
China (Shanghai), China (Hangzhou), China (Beijing), China (Shenzhen), Hong Kong	Resource package type	1,500,000 concurrent instances/month
	Duration	Starting from 6 months
	Minimum quantity	Starting from 1
	Price per resource package	1,044 USD/6 months 2,088 USD/year

Region	Billing standard	Description
US (Silicon Valley), US (Virginia), Singapore, Australia (Sydney), Malaysia (Kuala Lumpur), Indonesia (Jakarta), India (Mumbai), Japan (Tokyo), Germany (Frankfurt), UK (London), UAE (Dubai)	Resource package type	1,500,000 concurrent instances/month
	Duration	Starting from 6 months
	Minimum quantity	Starting from 1
	Price per resource package	1,566 USD/6 months 3,132 USD/year

**Note:**

The concurrent instances that are run in the current month only consume the concurrent instance quota of the resource package of the same month (the monthly concurrent instance quota for a single resource package cannot exceed 1,500,000 instances). The concurrent instance quota is restored at the start of the next month. The unused quota does not roll over to the next month.

- Example 1: If you purchase the 6-month resource package and only use 1,200,000 concurrent instances in the first month, you have a remaining quota of 300,000 concurrent instances. If you do not use these instances by the end of the first month, the remaining quota from the first month does not roll over to the second month, and the concurrent instance quota for the second month is still 1,500,000 instances.
- Example 2: If you purchase the 6-month resource package and your quota for the first month is 1,500,000 concurrent instances, any concurrent instances in excess of the quota are billed according to the billing standard of shared resource groups for Data Integration instances.
- Deduction method

Resource packages are paid for by subscription. You can start using a resource package after paying the full subscription fee during a given service period. After you purchase a resource package, all instances that run successfully are deducted from the resource package quota first.

This resource package includes a quota of concurrent instances that can be used for running Data Integration nodes. When you schedule such nodes, the resource package is used up first.

- **Expiration**

After a resource package expires, you are given a 15-day grace period. During the 15 days, the quota in the resource package can still be used to offset the usage of pay-as-you-go items in the shared resource groups for Data Integration instances.

After 15 days, the unused quota in the resource package becomes unavailable. If you want to continue using the resources by resource package, you must purchase another resource package.

Resource package of App Studio development environments

- **Billing standard**

DataWorks provides resource packages for App Studio development environments, allowing you to debug code frequently. The billing standard is listed in the following table.

Resource package quota (billable hours)	Validity period	Price (USD)	Region
100	1 year	7	China (Shanghai), China (Hangzhou), China (Shenzhen), China (Beijing)

The relationships between different types of App Studio development environments and consumed billable hours are listed in the following table.

App Studio development environment	Actual debugging time (hours)	Consumed billable hours
1c2g	1	1
2c4g	1	2
4c8g	1	4
8c16g	1	8

- Deduction method

Each resource package is valid for one year. During this year, the debugging time first consumes billable hours in the resource package.



Note:

After you purchase a resource package, debugging first deducts the quota in the resource package. When the resource package is used up, the monthly free hours are calculated.

- Expiration

If the resource package quota is not used up during the year, the remaining quota expires and becomes unavailable.

If the resource package quota is used up before the year ends, the billing system bills based on the billing standard (pay-as-you-go) of App Studio development environments.

3.3 DataWorks exclusive resources

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

DataWorks provides three types of exclusive resources: exclusive resources for scheduling, exclusive resources for Data Integration instances, and App Studio operating space (production environments). These resources deliver optimal performance assurance.

Exclusive resource groups for scheduling

When nodes run in high concurrency while load shifting is not an option, enterprises need exclusive computing resources to ensure that nodes are scheduled and run on as planned. To address this problem, DataWorks provides exclusive resource groups.



Note:

Exclusive resources for scheduling in a single order can only be used in one exclusive resource group. They cannot be split among multiple exclusive resource groups. After paying for the order, you can scale out the resources (increase the number of resources) based on the resources purchased in the order.

- **Billing standard**

Exclusive resource groups for scheduling are billed in subscription mode. You can select an appropriate specification for billing as needed. For more information, see [Billing standards of exclusive resources for scheduling](#).

- **Scale-out**

You can scale out the resources in each exclusive resource group order based on your business needs. You only need to pay for the difference between the numbers of the new and original resources from the time when you add the resources to the time when the original order expires.



Note:

- Scale-out increases the number of resources but does not upgrade their CPU and memory configurations.
- Scale-out only allows you to add resources of the same capacity as the purchased resources in the current order.
- After scale-out, the new configuration takes effect within 20 minutes of payment.

- **Renewal**

You can choose to renew all resources within the 30 days before or after the exclusive resource group order expires. If you do not renew the subscription within 15 days after expiration, the resources in the order are suspended immediately.

- **Expiration**

- **Service suspension**

By default, the billing system sends expiration warnings to the mobile number and email address that were bound to your primary Alibaba Cloud account 8 days, 12 days, and 14 days before your exclusive resources expire. If you do not

renew the subscription within 15 days after expiration, the resources in the order are suspended immediately.

- Resource release

After the exclusive resource groups expire, you are given a 15-day grace period. If you do not renew the subscription within 15 days, the instances are released.

A release notification is sent to the mobile number and email address that were bound to your Alibaba Cloud primary account one day before the exclusive resource groups are released.

Exclusive resource groups for Data Integration instances

When Data Integration nodes run in high concurrency while load shifting is not an option, enterprises need exclusive computing resources to ensure that data is transmitted quickly and reliably. To address this challenge, DataWorks provides exclusive resource groups for Data Integration instances.



Note:

The exclusive resources for Data Integration instances in a single order can only be used in one exclusive resource group for Data Integration instances. They cannot be split among exclusive resource groups for Data Integration instances. After paying for the order, you can scale out the resources (increase the number of resources) based on the resources purchased in the order.

- Billing standard

Exclusive resource groups for Data Integration instances are billed in subscription mode. You can select an appropriate specification for billing as needed. For more information, see [Billing standards of exclusive resources for Data Integration instances](#).



Note:

Running a Data Integration node not only consumes concurrent processes in the exclusive resource group for Data Integration instances, but also consumes concurrent instances in the exclusive resource groups (one Data Integration instance consumes one concurrent instance).

Assume that you purchase four 8c16g exclusive resource groups for Data Integration instances for a workspace in China (Hangzhou) and the purchase

period is one year. For sync node instances running on these exclusive resources, the fee is $4 \times 152.45 \text{ USD / month} \times 12 \text{ months} = 7,317.60 \text{ USD}$.

Within the one-year validity period, DataWorks charges no additional fees for the number of concurrent instances scheduled by sync nodes running on the exclusive resources. The generated public network traffic is billed separately.

- **Scale-out**

You can scale out the resources in each exclusive resource group for Data Integration instances order based on your business needs. You only need to pay for the difference between the numbers of the new and original resources from the time when you add the resources to the time when the original order expires.



Note:

- Scale-out increases the number of resources but does not upgrade their CPU and memory configurations.
- Scale-out only allows you to add resources of the same capacity as the purchased resources in the current order.
- After scale-out, the new configuration takes effect within 20 minutes of payment.

- **Renewal**

You can renew all resources within the 30 days before or after the exclusive resource group for Data Integration instances order expires. If you do not renew the subscription within 15 days after expiration, the resources in the order are suspended immediately.

- **Expiration**

- **Service suspension**

By default, the billing system sends expiration warnings to the mobile number and email address that were bound to your primary Alibaba Cloud account 8 days, 12 days, and 14 days before your purchased exclusive resource groups for

Data Integration instances expire. If you do not renew the subscription within 15 days after expiration, the resources in the order are suspended immediately.

- Resource release

After the exclusive resource groups for Data Integration instances expire, they are retained for 15 days. If you do not renew the subscription within 15 days, the instances are released.

A release notification is sent to the mobile number and email address that were bound to your Alibaba Cloud primary account one day before the resources are released.

App Studio production environments



Note:

- If you use App Studio to publish code to the production environment and run it, you must purchase App Studio production environments.
- You must purchase or upgrade your DataWorks edition to the Enterprise or Ultimate edition before you can purchase this product. For more information, see [DataWorks advanced editions](#).

- Billing standard

After developing and debugging code in the App Studio development environment, you may need to publish the code to the public network for running and provide an application O&M environment. In this case, you can purchase an App Studio production environment by subscription. This is the production environment where the code is run after it is published. The billing standard is listed in the following table.

App Studio production environment	Price (USD/month)	Region
2c4g	37.40	China (Shanghai)
4c8g	74.80	China (Hangzhou)
8c16g	149.61	China (Shenzhen)
		China (Beijing)

- **Renewal**

You can renew your subscription within 30 days before or after the App Studio production environment order expires. If you do not renew the subscription within 15 days after expiration, the resources in the order are suspended immediately.

- **Expiration**

- **Service suspension**

By default, the billing system sends expiration warnings to the mobile number and email address that were bound to your primary Alibaba Cloud account 8 days, 12 days, and 14 day before your purchased App Studio production environment expires. If you do not renew the subscription within 15 days after expiration, the resources in the order are suspended immediately.

- **Resource release**

After the App Studio production environment expires, the code in the production environment is retained for 15 days. If you do not renew the subscription within 15 days, the instances are released.

A release notification is sent to the mobile number and email address that were bound to your primary Alibaba Cloud account one day before the App Studio production environment is released.

Application scenarios of exclusive resources

- Exclusive resources are used in exclusive mode, which can isolate resources between tenants and between different tasks of the same tenant.

If your tasks use default resources, the tasks may be delayed upon high concurrency because they need to wait for resources. In this case, we recommended that you use exclusive resources for scheduling and exclusive resources for Data Integration instances.

- Exclusive resources can be accessed on the public network.
 - If you need to access public network services or user-created services through PyODPS, we recommend that you use exclusive resources for scheduling.
 - If you need to access public network services or user-created services through Shell, we recommend that you use exclusive resources for scheduling.

- You can decide the specifications of the exclusive resources. If you need to run resource-consuming tasks, we recommend that you use exclusive resources for scheduling.

Limits of exclusive resources

- Exclusive resources for Data Integration instances cannot access the Alibaba Cloud classic network. If your data source is on the classic network, we recommend that you use the default resource group to run sync tasks.
- When you create exclusive resources for Data Integration instances, confirm the region and zone of the exclusive resource group. Exclusive resources for Data Integration instances can only access the data sources of the VPC in the same region and zone.



Note:

To ensure that the exclusive resource group has the permission to access the data source, you need to add a network access whitelist.

- Currently, the software environment, such as Python, for exclusive resources for scheduling cannot be customized.

4 Appendix

4.1 Function comparison between different DataWorks editions

Module	Function	Basic Edition	Standard Edition	Professional Edition	Enterprise Edition	Ultimate Edition	Region
Basic features	Workspaces	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	All DataWorks deployment regions
	Skins	Supported	Supported	Supported	Supported	Supported	
	APIs	Supported	Supported	Supported	Supported	Supported	
Data Integration	Offline synchronization	Supported	Supported	Supported	Supported	Supported	
	Full-database or batch data migration to the cloud	Not supported	Not supported	Supported	Supported	Supported	
	Exclusive resources for Data Integration instances	Supported	Supported	Supported	Supported	Supported	
	Resource synchronization monitoring	Not supported	Supported	Supported	Supported	Supported	
DataStudio	Intelligent editors	Supported	Supported	Supported	Supported	Supported	
	Full-text search	Not supported	Supported	Supported	Supported	Supported	
	Cross-tenant collaboration	Supported	Supported	Supported	Supported	Supported	

Module	Function	Basic Edition	Standard Edition	Professional Edition	Enterprise Edition	Ultimate Edition	Region
	Node control (looping, traversing, merging, branching, and assigning)	Not supported	Supported	Supported	Supported	Supported	
	Exclusive resources for scheduling	Supported	Supported	Supported	Supported	Supported	
	Workflows	Supported	Supported	Supported	Supported	Supported	
	Ad hoc workflows	Supported	Supported	Supported	Supported	Supported	
	Deployment management	Supported	Supported	Supported	Supported	Supported	
	SQL script templates	Not supported	Supported	Supported	Supported	Supported	
	Function	Supported	Supported	Supported	Supported	Supported	
	Custom nodes	Not supported	Not supported	Not supported	Supported	Supported	China (Hangzhou) China (Shanghai) China (Beijing)

Module	Function	Basic Edition	Standard Edition	Professional Edition	Enterprise Edition	Ultimate Edition	Region
DataService Studio	API generation in codeless UI	Supported	Supported	Supported	Supported	Supported	China (Hangzhou)
	API generation in code editor	Supported	Supported	Supported	Supported	Supported	China (Shanghai)
	API registration	Supported	Supported	Supported	Supported	Supported	China (Beijing)
	Viewing tables	Supported	Supported	Supported	Supported	Supported	China (Shenzhen)
	Data types	Basic relational data (DRDS /ADS/ MySQL /SQL Server/ PostgreSQL /Oracle)	Relational + NoSQL (Table Store/ MongoDB) + Hologres	Relational + NoSQL (Table Store/ MongoDB) + Hologres	Relational + NoSQL (Table Store/ MongoDB) + Hologres	Relational + NoSQL (Table Store/ MongoDB) + Hologres	Japan (Tokyo) Singapore UK (London) US (Silicon Valley)
	API authorization	Supported	Supported	Supported	Supported	Supported	
	Filters	Not supported	Not supported	Supported	Supported	Supported	
	Functions	Not supported	Not supported	Supported	Supported	Supported	
	Service orchestration	Not supported	Not supported	Not supported	Supported	Supported	
	API calling SDKs	Supported	Supported	Supported	Supported	Supported	
Data Quality	Quality overview	Supported	Supported	Supported	Supported	Supported	All DataWorks deployment regions
	Monitoring rules (offline/real-time)	Supported	Supported	Supported	Supported	Supported	

Module	Function	Basic Edition	Standard Edition	Professional Edition	Enterprise Edition	Ultimate Edition	Region
Operation Center	Management of auto-triggered nodes	Supported	Supported	Supported	Supported	Supported	
	SMS + email alerts	Supported	Supported	Supported	Supported	Supported	
	Baseline alerts	Not supported	Supported	Supported	Supported	Supported	
	Event alerts	Not supported	Supported	Supported	Supported	Supported	
	Nodes-into-loop alerts	Supported	Supported	Supported	Supported	Supported	
	Node isolation alerts	Supported	Supported	Supported	Supported	Supported	
	Custom alert rules	Supported	Supported	Supported	Supported	Supported	
Data Map	Data search - All objects	Supported	Supported	Supported	Supported	Supported	China (Hangzhou) China (Shanghai) China (Beijing) China (Shenzhen)
	Data filter - All objects	Supported	Supported	Supported	Supported	Supported	
	Workspace details	Supported	Supported	Supported	Supported	Supported	
	Engine details - MaxCompute projects	Supported	Supported	Supported	Supported	Supported	
	Table details - Basic information : permission , business, and technical details	Supported	Supported	Supported	Supported	Supported	

Module	Function	Basic Edition	Standard Edition	Professional Edition	Enterprise Edition	Ultimate Edition	Region
	Table details - Detailed information: fields, partitions, and changes	Supported	Supported	Supported	Supported	Supported	
	Table details - Output information: time consumption and nodes	Supported	Supported	Supported	Supported	Supported	
	Table details - Use history	Supported	Supported	Supported	Supported	Supported	
	Table details - Use instructions	Supported	Supported	Supported	Supported	Supported	
	Table details - Data preview	Supported	Supported	Supported	Supported	Supported	
	Category management	Supported	Supported	Supported	Supported	Supported	
	Personal assets - Favorite function	Supported	Supported	Supported	Supported	Supported	
	Permission management - Function and resource authorization	Supported	Supported	Supported	Supported	Supported	

Module	Function	Basic Edition	Standard Edition	Professional Edition	Enterprise Edition	Ultimate Edition	Region
Data Security Guard	Field scans	Not supported	Supported	Supported	Supported	Supported	China (Hangzhou)
	Dynamic anonymization	Not supported	Supported	Supported	Supported	Supported	China (Shanghai)
	Operation records	Not supported	Supported	Supported	Supported	Supported	China (Beijing)
	Content scans	Not supported	Not supported	Supported	Supported	Supported	China (Shenzhen)
	Asset dashboards	Not supported	Supported	Supported	Supported	Supported	
	Risk identification dashboards	Not supported	Not supported	Supported	Supported	Supported	
	Built-in risk models	Not supported	Not supported	Not supported	Supported	Supported	
App Studio	Basic editing	Supported (concurrency: 2)	Supported (concurrency: 10)	Supported (concurrency: 50)	Supported (concurrency: 100)	Supported (concurrency: 200)	China (Hangzhou)
	Edition management	Supported	Supported	Supported	Supported	Supported	China (Shanghai)
	APIs compiled in DataService Studio	Supported	Supported	Supported	Supported	Supported	China (Beijing)
	Online debugging	Supported	Supported	Supported	Supported	Supported	China (Shenzhen)
	Collaborative programming	Supported	Supported	Supported	Supported	Supported	

Module	Function	Basic Edition	Standard Edition	Professional Edition	Enterprise Edition	Ultimate Edition	Region
	Visual development	Supported (basic script templates)	Supported (basic script templates)	Supported (basic script templates)	Supported (basic script templates)	Supported (basic script templates)	
	Basic templates	Supported	Supported	Supported	Supported	Supported	
	Plugin customization	Not supported	Supported	Supported	Supported	Supported	
	UDF development	Supported	Supported	Supported	Supported	Supported	
	Custom templates	Not supported	Supported	Supported	Supported	Supported	
	Data asset streamlining templates	Not supported	Not supported	Not supported	Supported	Supported	
	Application deployment O&M	Not supported	Not supported	Not supported	Supported	Supported	
	DataWorks third-party service development	Not supported	Not supported	Not supported	Supported	Supported	
	DataWorks third-party service deployment	Not supported	Not supported	Not supported	Supported	Supported	
	DataWorks third-party service deployment for other Enterprise Edition users	Not supported	Not supported	Not supported	Not supported	Supported	

Module	Function	Basic Edition	Standard Edition	Professional Edition	Enterprise Edition	Ultimate Edition	Region
Stream Studio	SQL editing, deployment, and basic O&M	Supported	Supported	Supported	Supported	Supported	China (Hangzhou)
	Basic O&M - Node running information, and monitoring and alerts	Supported	Supported	Supported	Supported	Supported	China (Shanghai)
	Graphic execution plans	Supported	Supported	Supported	Supported	Supported	China (Beijing)
	DAG development and SQL-DAG interaction	Not supported	Supported	Supported	Supported	Supported	China (Shenzhen)
	DAG vertices and edges	Not supported	Supported	Supported	Supported	Supported	
	Local debugging (real-time data preview)	Not supported	Not supported	Supported	Supported	Supported	
	Advanced O&M - Intelligent node diagnosis	Not supported	Not supported	Supported	Supported	Supported	
Data Analytics	File management	Supported	Supported	Supported	Supported	Supported	China (Shanghai)
	Import	Supported	Supported	Supported	Supported	Supported	
	Table editing	Supported	Supported	Supported	Supported	Supported	

Module	Function	Basic Edition	Standard Edition	Professional Edition	Enterprise Edition	Ultimate Edition	Region
	View function	Table data	MaxCompute tables, Data Service Studio, and MySQL data sources	Supported	Supported	Supported	
	Maximum graphs	5	23	27 or more	27 or more	27 or more	
	Sharing function	Not supported	Share with specific users (up to 10 shares), with read-only permission	Share with specific users (up to 50 shares), with read-only permission or edit permission	Share with specific users or all people (up to 100 shares), with read-only or edit permission	Supported	

4.2 Function downgrades of DataWorks advanced editions upon expiration

Module	Function	Downgrade upon expiration
Data Integration	Custom resource groups	This function becomes unavailable. Nodes scheduled using custom resource groups are set to "Failed."
DataStudio	Full-text search	This function is disabled.

Module	Function	Downgrade upon expiration
	Custom nodes	This function is disabled. No more custom nodes can be created. The created custom nodes can still be scheduled and run in Operation Center.
	Script template management	This function is disabled.
	Node control (looping , traversing, merging, branching, and assigning)	This function is disabled and nodes fail.
	Advanced APIs	This function is disabled and requests to APIs return error messages.
MaxCompute CU Management	SQL script nodes	This function is disabled and node portals are closed.
Stream Studio	DAG development and SQL -DAG interaction	This function is disabled . You can only view DAGs in read-only mode and cannot edit them. However , you can convert DAGs to SQLs.
	DAG vertices and edges	This function is disabled.
	Graphic execution plans	This function is disabled . You can only view graphical execution plans in read-only mode.
	Local debugging (real-time data preview)	This function is disabled.
	Advanced O&M - Intelligent node diagnosis	This function is disabled.
	Advanced APIs	This function is disabled and requests to APIs return error messages.

Module	Function	Downgrade upon expiration
DataService Studio	Data types	This function is disabled and calls to existing APIs return errors.
	Filters	This function is disabled . Filters stop functioning and calls return error messages.
	Lambda	This function is disabled . Lambda is visible, but cannot be edited or called.
	Service orchestration	This function is disabled. Workflows are visible, but cannot be edited or called.
	Advanced APIs	The function is disabled and requests to APIs return error messages.
Data Quality	Dynamic thresholds	This function is disabled . You cannot create new dynamic threshold rules, but existing rules are not affected.
	Advanced APIs	This function is disabled and requests to APIs return error messages.
Operation Center	Baseline alerts	You cannot access the baseline management and baseline instance pages. You cannot select baseline rule as the rule type of custom rules, and no baseline instances are generated.

Module	Function	Downgrade upon expiration
	Event alerts	You cannot access the baseline management and baseline instance pages. You cannot select baseline rule as the rule type of custom rules, but baseline instances are still generated.
	Advanced APIs	This function is disabled and requests to APIs return error messages.
Data Map	Details - Lineage information: table, field, and impact analysis	This function is disabled. The system prompts that you must upgrade to a higher-level edition to use it.
	Table details - Field changes: impact analysis and email notifications	This function is disabled . Notifications are sent to you by email, and you cannot continue to use the function. The original function is unavailable and you are prompted to purchase a higher-level edition.
	Advanced APIs	This function is disabled and requests to APIs return error messages.
	Multiple engines	This function is disabled and existing multi-engine information is not displayed.
Data Security Guard	All functions	All functions in this module are disabled and you cannot access this module.

Module	Function	Downgrade upon expiration
App Studio	Basic editing	After downgrading to Basic Edition, only two different workspaces can be opened at the same time. Workspaces that are already opened are not affected.
	Data asset streamlining templates	This function is disabled. The templates are invisible and the applications that are created based on them cannot be edited or published.
	Plugin customization	This function is disabled and you cannot load created plugins.
	Custom templates	This function is disabled . You cannot create new custom templates, but can continue to use existing custom templates.
	Application deployment O & M	The deployment function is disabled. You cannot deploy applications, but can still perform O&M. The purchased App Studio production environments can be renewed.
	DataWorks third-party service development	This function is disabled . DataWorks third-party services cannot be developed, but services that are already deployed are not affected.

Module	Function	Downgrade upon expiration
	DataWorks third-party service deployment	This function is disabled . DataWorks third-party services cannot be deployed, but services that are already developed are not affected.
	DataWorks third-party service deployment for other Enterprise Edition users	This function is disabled . DataWorks third-party services cannot be shared , but services that are already shared are not affected.
Data Analytics	View function	This function is grayed out and unavailable.
	Graph function	This function is grayed out and unavailable.
	Sharing function	This function is grayed out and unavailable.
	Dimension table editing: MaxCompute tables	This function is grayed out and unavailable.

4.3 Billing standards of exclusive resources for scheduling

Performance indicators of exclusive resources for scheduling

Capacity	Maximum number of concurrent instances
4c8g	16
8c16g	32
12c24g	48
16c32g	64
24c48g	96
32c64g	128

Billing standards of exclusive resources for scheduling

Region	Capacity	Price (USD/month)
China (Hangzhou)	4c8g	76.23
	8c16g	152.45
	12c24g	228.68
	16c32g	304.91
	24c48g	457.36
	32c64g	609.82
China (Shanghai)	4c8g	76.23
	8c16g	152.45
	12c24g	228.68
	16c32g	304.91
	24c48g	457.36
	32c64g	609.82
China (Shenzhen)	4c8g	76.23
	8c16g	152.45
	12c24g	228.68
	16c32g	304.91
	24c48g	457.36
	32c64g	609.82
China (Beijing)	4c8g	76.23
	8c16g	152.45
	12c24g	228.68
	16c32g	304.91
	24c48g	457.36
	32c64g	609.82
US (Silicon Valley)	4c8g	149.26
	8c16g	298.53
	12c24g	447.77
	16c32g	597.06
	24c48g	895.55

Region	Capacity	Price (USD/month)
	32c64g	1,195.00
US (Virginia)	4c8g	110.63
	8c16g	221.26
	12c24g	331.89
	16c32g	442.53
	24c48g	663.78
	32c64g	885.06
Hong Kong	8c16g	138.73
	8c16g	276.58
	12c24g	416.18
	16c32g	553.16
	24c48g	832.35
	32c64g	1,106.32
Singapore	4c8g	138.73
	8c16g	276.58
	12c24g	416.18
	16c32g	553.16
	24c48g	832.35
	32c64g	1,106.32
Australia (Sydney)	4c8g	147.51
	8c16g	295.02
	12c24g	442.52
	16c32g	590.03
	24c48g	885.03
	32c64g	1180.07
Germany (Frankfurt)	4c8g	138.73
	8c16g	276.58
	12c24g	416.18
	16c32g	553.16
	24c48g	832.35

Region	Capacity	Price (USD/month)
	32c64g	1,106.32
Malaysia (Kuala Lumpur)	4c8g	130.01
	8c16g	259.06
	12c24g	390.04
	16c32g	517.92
	24c48g	780.07
	32c64g	1,035.84
Indonesia (Jakarta)	4c8g	138.73
	8c16g	276.58
	12c24g	416.18
	16c32g	553.16
	24c48g	832.35
	32c64g	1,106.32
India (Mumbai)	4c8g	115.89
	8c16g	231.00
	12c24g	347.86
	16c32g	462.20
	24c48g	695.72
	32c64g	924.21
Japan (Tokyo)	4c8g	158.92
	8c16g	316.97
	12c24g	474.14
	16c32g	633.94
	24c48g	948.27
	32c64g	1268.75
UK (London)	4c8g	104.67
	8c16g	209.33
	12c24g	314.00
	16c32g	418.67
	24c48g	628.00

Region	Capacity	Price (USD/month)
	32c64g	837.14
UAE (Dubai)	4c8g	166.38
	8c16g	331.80
	12c24g	498.38
	16c32g	663.80
	24c48g	996.76
	32c64g	1,327.59

4.4 Billing standards of exclusive resources for Data Integration instances

Performance indicators of exclusive resources for Data Integration instances

Capacity	Maximum number of concurrent instances
4c8g	8
8c16g	16
12c24g	24
16c32g	32
24c48g	48
32c64g	64

Billing standards of exclusive resources for Data Integration instances

Region	Capacity	Currency	Price (USD/month)
China (Hangzhou)	4c8g	USD	76.23
	8c16g	USD	152.45
	12c24g	USD	228.68
	16c32g	USD	304.91
	24c48g	USD	457.36
	32c64g	USD	609.82
China (Shanghai)	4c8g	USD	76.23

Region	Capacity	Currency	Price (USD/ month)
	8c16g	USD	152.45
	12c24g	USD	228.68
	16c32g	USD	304.91
	24c48g	USD	457.36
	32c64g	USD	609.82
China (Shenzhen)	4c8g	USD	76.23
	8c16g	USD	152.45
	12c24g	USD	228.68
	16c32g	USD	304.91
	24c48g	USD	457.36
	32c64g	USD	609.82
China (Beijing)	4c8g	USD	76.23
	8c16g	USD	152.45
	12c24g	USD	228.68
	16c32g	USD	304.91
	24c48g	USD	457.36
	32c64g	USD	609.82
US (Silicon Valley)	4c8g	USD	149.26
	8c16g	USD	298.53
	12c24g	USD	447.77
	16c32g	USD	597.06
	24c48g	USD	895.55
	32c64g	USD	1,195.00
US (Virginia)	4c8g	USD	110.63
	8c16g	USD	221.26
	12c24g	USD	331.89
	16c32g	USD	442.53
	24c48g	USD	663.78
	32c64g	USD	885.06

Region	Capacity	Currency	Price (USD/ month)
Hong Kong	4c8g	USD	138.73
	8c16g	USD	276.58
	12c24g	USD	416.18
	16c32g	USD	553.16
	24c48g	USD	832.35
	32c64g	USD	1,106.32
Singapore	4c8g	USD	138.73
	8c16g	USD	276.58
	12c24g	USD	416.18
	16c32g	USD	553.16
	24c48g	USD	832.35
	32c64g	USD	1,106.32
Australia (Sydney)	4c8g	USD	147.51
	8c16g	USD	295.02
	12c24g	USD	442.52
	16c32g	USD	590.03
	24c48g	USD	885.03
	32c64g	USD	1,180.07
Germany (Frankfurt)	4c8g	USD	138.73
	8c16g	USD	276.58
	12c24g	USD	416.18
	16c32g	USD	553.16
	24c48g	USD	832.35
	32c64g	USD	1,106.32
Malaysia (Kuala Lumpur)	4c8g	USD	130.01
	8c16g	USD	259.06
	12c24g	USD	390.04
	16c32g	USD	517.92
	24c48g	USD	780.07

Region	Capacity	Currency	Price (USD/ month)
	32c64g	USD	1,035.84
Indonesia (Jakarta)	4c8g	USD	138.73
	8c16g	USD	276.58
	12c24g	USD	416.18
	16c32g	USD	553.16
	24c48g	USD	832.35
	32c64g	USD	1,106.32
India (Mumbai)	4c8g	USD	115.89
	8c16g	USD	231.00
	12c24g	USD	347.86
	16c32g	USD	462.20
	24c48g	USD	695.72
	32c64g	USD	924.21
Japan (Tokyo)	4c8g	USD	158.92
	8c16g	USD	316.97
	12c24g	USD	474.14
	16c32g	USD	633.94
	24c48g	USD	948.27
	32c64g	USD	1,268.75
UK (London)	4c8g	USD	104.67
	8c16g	USD	209.33
	12c24g	USD	314.00
	16c32g	USD	418.67
	24c48g	USD	628.00
	32c64g	USD	837.14
UAE (Dubai)	4c8g	USD	166.38
	8c16g	USD	331.80
	12c24g	USD	498.38
	16c32g	USD	663.80

Region	Capacity	Currency	Price (USD/month)
	24c48g	USD	996.76
	32c64g	USD	1,327.59

4.5 DataWorks Pay-As-You-Go mode details

Billing item	Region	Billing tier	Deduction cycle	Price
Shared resource groups for scheduling	China (Hangzhou)	1-10 instances/day	Daily	0.00 USD/day
	China (Shanghai)	11-500 instances/day	Daily	0.15 USD/day
	China (Beijing)	501-5,000 instances/day	Daily	9.29 USD/day
	China (Shenzhen)	5,001-20,000 instances/day	Daily	23.22 USD/day
	Hong Kong	20,001-50,000 instances/day	Daily	41.79 USD/day
		50,001-120,000 instances/day	Daily	92.87 USD/day

Billing item	Region	Billing tier	Deduction cycle	Price
	Singapore	1-10 instances/day	Daily	0.00 USD/day
	Australia (Sydney)	11-500 instances/day	Daily	0.23 USD/day
	Malaysia (Kuala Lumpur)	501-5,000 instances/day	Daily	13.93 USD/day
	Indonesia (Jakarta)	5,001-20,000 instances/day	Daily	34.82 USD/day
	Japan (Tokyo)	20,001-50,000 instances/day	Daily	62.68 USD/day
	US (Silicon Valley)	50,001-120,000 instances/day	Daily	139.30 USD/day
	US (Virginia)			
	Germany (Frankfurt)			
	UK (London)			
	UAE (Dubai)			
Shared resource groups for Data Integration instances	China (Hangzhou)	1-10 instances/day	Daily	0.00 USD/day
	China (Shanghai)	11-500 instances/day	Daily	0.15 USD/day
		501-5,000 instances/day	Daily	0.93 USD/day
	China (Beijing)	5,001-20,000 instances/day	Daily	3.10 USD/day
	China (Shenzhen)	20,001-50,000 instances/day	Daily	7.74 USD/day
	Hong Kong	50,001-120,000 instances/day	Daily	15.48 USD/day

Billing item	Region	Billing tier	Deduction cycle	Price
	Singapore	1-10 instances/day	Daily	0.00 USD/day
	Australia (Sydney)	11-500 instances/day	Daily	0.23 USD/day
	Malaysia (Kuala Lumpur)	501-5,000 instances/day	Daily	1.39 USD/day
	Indonesia (Jakarta)	5,001-20,000 instances/day	Daily	4.64 USD/day
	Japan (Tokyo)	20,001-50,000 instances/day	Daily	11.61 USD/day
	US (Silicon Valley)	50,001-120,000 instances/day	Daily	23.22 USD/day
	US (Virginia)			
	Germany (Frankfurt)			
	UK (London)			
	UAE (Dubai)			
Public network traffic of Data Integration instances	All regions	None	Hourly	0.12 USD/GB
Calls to APIs compiled in DataService Studio	All regions	None	Hourly	0.21 USD/million calls
Execution time of APIs compiled in DataService Studio	All regions	None	Hourly	0.000017193 USD/GB * s
Data Quality checks	All regions	1-10 instances/day	Daily	0.00 USD/day

Billing item	Region	Billing tier	Deduction cycle	Price
		11-200 instances/day	Daily	3.10 USD/day
		201-1,000 instances/day	Daily	7.74 USD/day
		1,001-5,000 instances/day	Daily	30.96 USD/day
Baseline instances generated by Intelligent Monitor	All regions	1-2 instances/day	Daily	0.00 USD/day
		3-10 instances/day	Daily	0.77 USD/day
		11-100 instances/day	Daily	3.10 USD/day
App Studio development environment	All regions	1c2g	Hourly	0.12 USD/hour
		2c4g	Hourly	0.25 USD/hour
		4c8g	Hourly	0.50 USD/hour
		8c16g	Hourly	0.99 USD/hour