

Function Compute

Pricing

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Billing methods

Alibaba Cloud Function Compute is billed on a Pay-As-You-Go basis. The fee consists of three parts and the Internet Traffic Fee is optional. Users are only charged for the Internet Traffic Fee when using the Internet to transfer function data.

Total Fee = Request Fee + Duration Fee + Public Network Traffic Fee (optional)

Function Compute cost calculator

Free Tier

The free tier is shared by the primary account and subaccount.

Requests: The first one million calls per month are free of charge.

Duration: The first 400,000 GB-seconds per month are free of charge.

Note: Free calls and execution duration are automatically cleared at the beginning of each calendar month, rather than accrued to the next month.

Request Fee

The Request Fee indicates the total number of function calls.

- Price: \$0.2 / 1 million calls

Duration Fee

An execution duration starts when your codes begin to be run and end when the result is returned or execution is terminated. The measurement granularity is 100 milliseconds. The duration price depends on the memory size that you have allocated to functions.

- Price: \$0.00001668/GB-second

Note: The unit of duration fee is GB-second, which means that when the memory size is 1 GB,

the duration is charged by the second. If your function memory size is 512 MB, the duration price is calculated as follows: $\$0.00001668/2 = \$0.00000834/\text{second}$. The duration measurement granularity is 100 milliseconds. Therefore, your execution duration is rounded up to a multiple of 100 milliseconds. For example, if your function execution duration is 1,010 milliseconds, the duration is measured as 1,100 milliseconds. Therefore, if the execution duration of a function with a 512 MB memory is 1,010 milliseconds, the execution duration fee is calculated as follows: $(0.5 \times 1.1) \text{ GB-second} \times \$0.00001668/\text{GB-second} = \0.000009174 .

Public Network Traffic Fee

If you have used the Internet to transfer the Function Compute data, the used Internet traffic is charged according to the Alibaba Cloud ECS Internet traffic price. For more price information, see the relevant documentation.

Public Network Traffic Fee:

Region	Price (USD/GB)
Mainland China	0.125
Asia Pacific SE 1 (Singapore)	0.117
Asia Pacific SE 2 (Sydney)	0.130
US East 1 (Virginia)	0.078
US West 1 (Silicon Valley)	0.078
Germany 1 (Frankfurt)	0.070

Note: If you have used other Alibaba Cloud service instances in the functions, you are charged with extra fees. For example, if you have used a function to write data to Alibaba Cloud Object Storage Service (OSS), or to activate a Log Service instance to store debugging information, these service instances are additionally charged.

Quick Calculation Table For Monthly Free Quota

The following table shows the free tier seconds and the approximate price per 100ms.

Memory (MB)	Monthly free seconds in a package
128	3200000
192	2133333
256	1600000
320	1280000
384	1066667
448	914286

512	800000
576	711111
640	640000
704	581818
768	533333
832	492308
896	457143
960	426667
1024	400000
1088	376471
1152	355556
1216	336842
1280	320000
1344	304762
1408	290909
1472	278261
1536	266667

Overdue payment

Your Alibaba Cloud account has an overdue payment if your payment method, such as linked credit card or vouchers, cannot afford the cost of the last billing cycle.

Function Compute calculates fees on an hourly basis. At the start of every hour, Function Compute calculates the cost of your services in the last hour. The charges are automatically deducted from your any applicable payment methods, and a bill is generated for later inquiry and review. For more information, see [Billing method](#).

Consequences

You can still use Function Compute normally after an overdue payment occurs within the 24x7 hours. However, all of your Function Compute services are frozen afterwards. The services and features are frozen as follows:

The execution of running functions is still carried out, and new requests are no longer processed after the tasks are complete.

Scheduled functions are no longer triggered.

All requests in the asynchronous task queue are paused. After 96 hours, requests which have not been processed are gradually removed from the request queue.

Restore service

To restore service functions, recharge your account and pay the overdue amount.

If a request has remained in the asynchronous task queue for less than 96 hours since the account became overdue, it is processed normally when the service functions are restored.

See also

The Function Compute can be used flexibly with other Alibaba Cloud services, meeting diverse needs. Different cloud services use different billing methods. To guarantee that you can use Function Compute without interruption, we recommend that you pay close attention to linked credit limits, overdue alert emails, the usage of Function Compute and other cloud services. For more information, see *Alibaba Cloud Pricing*.