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购买集群配额限制

针对于每个用户，金山云容器服务为每个地域和每个集群包含的节点数量设定了固定配额，具体如下：

限制项	普通用户限制	例外申请方式
单地域下集群总数	10个	工单申请
单地域下托管版集群数量	2个	工单申请
单地域下Serverless集群数量	2个	工单申请
单集群支持的节点总数	40个	工单申请

备注： Kubernetes集群中，每添加一个节点，会向集群所在的VPC添加一条主机路由，目前默认单VPC中路由条目不超过200条，意味着单VPC中Kubernetes 集群节点个数不能超过200（实际上由于一些系统默认路由，可以使用的路由数目不到200）。当集群规模较大时，需要您先对目标 VPC 提交工单，申请提高配额。

容器服务计费说明

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金山云容器服务（KCE）暂不收取服务本身费用，客户仅需要为使用的云资源（云服务器，弹性IP等）付费，相关资源的计费详见：

- [云服务器计费方式](#)
- [裸金属服务器计费说明](#)
- [云硬盘计费方式](#)
- [弹性IP计费说明](#)

Serverless容器服务计费说明

Serverless容器服务不收取集群管理费用，但在使用过程中所创建的KCI容器实例、负载均衡实例、NAT网关等，按照相应资源的价格计费。

- [容器实例计费说明](#)

托管prometheus计费说明

计费概述

托管Prometheus采用按量计费的计费模式对计费项进行收费，本文主要介绍托管Prometheus的计费项。

计费项（公测期间免费）

指标上报量

- 免费指标：免费指标上报任意数据量均不收费，免费指标详情请查看[托管Prometheus免费指标](#)。
- 付费指标：付费指标根据数据范围不同按照阶梯式递减方式进行累加计费。

指标存储时长

指标的存储费用按照时长收费，不区分免费指标与付费指标。存储15天免费。若存储天数超出15天，则根据每天的指标上报数量计费。

计费项说明：付费指标的上报量费用 = 日上报数据量（单位：百万条） × 单价。（账单数据量精度为4位小数）

托管Prometheus免费指标

基础指标分为免费指标与付费指标，其中，免费指标不收取数据上报的费用，仅收取存储15天免费期后的存储费用。

基础免费指标列表

任务类型	指标名称
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	kubelet_cgroup_manager_duration_seconds_count
	kubelet_node_config_error
	kubelet_node_name
	kubelet_pleg_relist_duration_seconds_bucket
	kubelet_pleg_relist_duration_seconds_count
	kubelet_pleg_relist_interval_seconds_bucket
	kubelet_pod_start_duration_seconds_count
	kubelet_pod_worker_duration_seconds_count
	kubelet_running_containers
kubelet	kubelet_running_pods
	kubelet_runtime_operations_duration_seconds_bucket
	kubelet_runtime_operations_errors_total
	kubelet_runtime_operations_total
	process_cpu_seconds_total
	process_resident_memory_bytes
	rest_client_request_duration_seconds_bucket
	rest_client_requests_total
	storage_operation_duration_seconds_bucket
	storage_operation_duration_seconds_count
	storage_operation_errors_total
	volume_manager_total_volumes
	container_cpu_usage_seconds_total
	container_fs_limit_bytes
	container_fs_reads_bytes_total
	container_fs_usage_bytes
	container_fs_writes_bytes_total
	container_memory_working_set_bytes
advisor	container_network_receive_bytes_total
	container_network_receive_packets_dropped_total
	container_network_receive_packets_total
	container_network_transmit_bytes_total
	container_network_transmit_packets_dropped_total
	container_network_transmit_packets_total
	machine_cpu_cores
	machine_memory_bytes
	kube_job_status_succeeded
	kube_job_status_failed
	kube_job_status_active
	kube_node_status_capacity_cpu_cores
	kube_node_status_capacity_memory_bytes
	kube_node_status_allocatable_cpu_cores
	kube_node_status_allocatable_memory_bytes
	kube_pod_info
	kube_pod_owner
kube-state-metrics	kube_pod_status_phase
	kube_pod_container_status_waiting
	kube_pod_container_status_running
	kube_pod_container_status_terminated
	kube_pod_container_status_restarts_total
	kube_pod_container_resource_requests_cpu_cores
	kube_pod_container_resource_requests_memory_bytes
	kube_pod_container_resource_limits_cpu_cores
	kube_pod_container_resource_limits_memory_bytes
	kube_replicaset_owner
	kube_statefulset_status_replicas
	rest_client_request_duration_seconds_bucket
	rest_client_requests_total

kube-controller-manager workqueue_adds_total
workqueue_depth
workqueue_queue_duration_seconds_bucket
apiserver_current_inflight_requests
apiserver_current_inqueue_requests
apiserver_init_events_total
apiserver_longrunning_gauge
apiserver_registered_watchers
apiserver_request_duration_seconds_bucket
apiserver_request_duration_seconds_sum
apiserver_request_duration_seconds_count
apiserver_request_filter_duration_seconds_bucket
apiserver_request_filter_duration_seconds_sum
apiserver_request_filter_duration_seconds_count

kube-apiserver apiserver_request_total
apiserver_requested_deprecated_apis
apiserver_response_sizes_bucket
apiserver_response_sizes_sum
apiserver_response_sizes_count
apiserver_selfrequest_total
apiserver_tls_handshake_errors_total
apiserver_watch_events_sizes
apiserver_watch_events_sizes_bucket
apiserver_watch_events_sizes_sum
apiserver_watch_events_sizes_count
apiserver_watch_events_total
node_boot_time_seconds
node_context_switches_total
node_cpu_seconds_total
node_disk_io_now
node_disk_io_time_seconds_total
node_disk_io_time_weighted_seconds_total
node_disk_read_bytes_total
node_disk_read_time_seconds_total
node_disk_reads_completed_total
node_disk_write_time_seconds_total
node_disk_writes_completed_total
node_disk_written_bytes_total
node_filefd_allocated
node_filesystem_avail_bytes
node_filesystem_free_bytes
node_filesystem_size_bytes
node_load1
node_load15
node_load5

node-exporter node_memory_Buffers_bytes
node_memory_Cached_bytes
node_memory_MemAvailable_bytes
node_memory_MemFree_bytes
node_memory_MemTotal_bytes
node_netstat_TcpExt_ListenDrops
node_netstat_Tcp_ActiveOpens
node_netstat_Tcp_CurrEstab
node_netstat_Tcp_InSegs
node_netstat_Tcp_OutSegs
node_netstat_Tcp_PassiveOpens
node_network_receive_bytes_total

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node_network_transmit_bytes_total
node_sockstat_TCP_alloc
node_sockstat_TCP_inuse
node_sockstat_TCP_tw
node_sockstat_UDP_inuse
node_sockstat_sockets_used
node_uname_info
coredns_forward_request_duration_seconds_bucket
coredns_dns_request_size_bytes_bucket
coredns_dns_response_size_bytes_bucket
coredns_kubernetes_dns_programming_duration_seconds_bucket
coredns_dns_request_duration_seconds_bucket
coredns_plugin_enabled
coredns_health_request_duration_seconds_bucket
go_gc_duration_seconds
coredns_forward_responses_total
coredns_forward_request_duration_seconds_sum
coredns_forward_request_duration_seconds_count
coredns_dns_requests_total
coredns_forward_conn_cache_misses_total
coredns_dns_responses_total
coredns_cache_entries
coredns_cache_hits_total
coredns_forward_conn_cache_hits_total
coredns_forward_requests_total
coredns_dns_request_size_bytes_sum
coredns_dns_response_size_bytes_count
coredns_dns_response_size_bytes_sum
coredns_dns_request_size_bytes_count
scrape_duration_seconds
scrape_samples_scraped
scrape_series_added
up
scrape_samples_post_metric_relabeling
go_memstats_lookups_total
go_memstats_last_gc_time_seconds
go_memstats_heap_sys_bytes
coredns_build_info
go_memstats_heap_released_bytes
go_memstats_heap_objects
go_memstats_heap_inuse_bytes
go_memstats_heap_idle_bytes
go_memstats_heap_alloc_bytes
go_memstats_gc_sys_bytes
go_memstats_sys_bytes
go_memstats_stack_sys_bytes
go_memstats_mallocs_total
go_memstats_gc_cpu_fraction
go_memstats_stack_inuse_bytes
go_memstats_frees_total
go_memstats_buck_hash_sys_bytes
go_memstats_alloc_bytes_total
go_memstats_alloc_bytes
coredns_cache_misses_total
go_memstats_other_sys_bytes
go_memstats_mcache_inuse_bytes
go_goroutines
```

CoreDNS

```
process_virtual_memory_max_bytes
process_virtual_memory_bytes
go_gc_duration_seconds_sum
go_gc_duration_seconds_countarms-ack-coredns
go_memstats_next_gc_bytes
coredns_dns_request_duration_seconds_count
coredns_reload_failed_total
coredns_panic_total
coredns_local_localhost_requests_total
coredns_kubernetes_dns_programming_duration_seconds_sum
coredns_kubernetes_dns_programming_duration_seconds_count
coredns_dns_request_duration_seconds_sum
coredns_hosts_reload_timestamp_seconds
coredns_health_request_failures_total
process_start_time_seconds
process_reememory_bytes
process_open_fds
process_max_fds
process_cpu_seconds_total
coredns_health_request_duration_seconds_sum
coredns_health_request_duration_seconds_count
go_memstats_mspan_sys_bytes
coredns_forward_max_concurrent_rejects_total
coredns_forward_healthcheck_broken_total
go_memstats_mcache_sys_bytes
go_memstats_mspan_inuse_bytes
go_threads
go_info
rest_client_request_duration_seconds_bucket
scheduler_pod_scheduling_attempts_bucket
rest_client_requests_total
scheduler_pending_pods
scheduler_scheduler_cache_size
up
etcd_disk_backend_commit_duration_seconds_bucket
up
etcd_server_has_leader
etcd_debugging_mvcc_keys_total
etcd_debugging_mvcc_db_total_size_in_bytes
etcd_server_leader_changes_seen_total
```

Scheduler

etcd