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# 简介

## 目的

为便于MongoDB的管理，所有使用MongoDB的场景在本文档中维护，包括CollectionName，数据的内容和示例。

# ECSC日志

## 使用场景

Ecsc操作日志

## CollectionName和数据举例

CollectionName:’log.ecsc’

**{**

"\_id"**:**"4028909952e2ee980152e3b56ec40012"**,**

"actItem"**:**"退出"**,**

"actPerson"**:**"root"**,**

"actTime"**:**ISODate**(**"2016-02-15T06:54:24.000+0000"**),**

"prjId"**:**""**,**

"cusId"**:**"cusid1"**,**

"statu"**:**"1"**,**

"resourceType"**:**""**,**

"resourceName"**:**""**,**

"ip"**:**"127.0.0.1"**,**

"detail"**:**""

**}**

## 索引设计

db**[**' log.ecsc'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.log.ecsc"

**}**

**]**

# ECMC日志

## 使用场景

Ecmc操作日志

## CollectionName和数据举例

CollectionName:’log.ecmc’

**{**

"\_id"**:**"a7e4e30fdba3434d90d220ae4607921c"**,**

"operId"**:**"cxyadmin"**,**

"operDate"**:**ISODate**(**"2016-09-02T09:00:43.723+0000"**),**

"busiName"**:**"冻结账号"**,**

"returnFlag"**:**NumberInt**(**1**),**

"mesCode"**:**"曹翔宇"**,**

"ipAddr"**:**"192.168.16.16"**,**

"fileName"**:**"http://192.168.16.16:8080/ecmc/customer/blockCustomer.do"**,**

"temp5"**:**"/ecmc/customer/blockCustomer.do"**,**

"resourceType"**:**"李岩超"**,**

"resourceName"**:**"李岩超"**,**

"prjId"**:**"3f32b921652d4c728ae57ca811cb4c52"**,**

"resourceID"**:**"402890a856116c250156117050d50001"

**}**

## 索引设计

db**[**' log.ecmc'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.log.ecmc"

**}**

**]**

# 金额处理日志

## 使用场景

金额发生变动时的交易记录

## CollectionName和数据举例

CollectionName:’log.money.success’ //插入交易记录成功Collection

**{**

"\_id"**:**ObjectId**(**"57c3ee8e2d5d2c6405837b30"**),**

"accountBalance"**:**99995761.0**,**

"monEcmcRemark"**:**"消费-云主机-续费"**,**

"monEcscRemark"**:**"消费-云主机-续费"**,**

"serialNumber"**:**"032016082900000285"**,**

"cusId"**:**"402890a856116c250156117050d50001"**,**

"resourceType"**:**"0"**,**

"monTime"**:**NumberLong**(**1472458382796**),**

"monPaymonth"**:**"2016-08"**,**

"orderNo"**:**"012016082900000027"**,**

"money"**:**300.0**,**

"payType"**:**"1"**,**

"monRealPay"**:**300.0**,**

"incomeType"**:**"2"**,**

"productName"**:**"云主机-续费"**,**

"operType"**:**"3"**,**

"monId"**:**"402890a856d55a210156d55bde110000",

"monContract"**:**null,

"payState"**:**null,

"resourceId"**:**null,

"resourceName" : null,

"monConfigure" : null,

"monStart"**:**null,

"monEnd"**:**null,

"dcId"**:**null,

"isSuccess"**:**null

**}**

CollectionName:’log.money.failed’ //插入交易记录失败Collection

**{**

"\_id"**:**ObjectId**(**"57c3ee8e2d5d2c6405837b30"**),**

"monEcmcRemark"**:**"消费-云主机-续费"**,**

"monEcscRemark"**:**"消费-云主机-续费"**,**

"serialNumber"**:**"032016082900000285"**,**

"cusId"**:**"402890a856116c250156117050d50001"**,**

"resourceType"**:**"0"**,**

"monTime"**:**NumberLong**(**1472458382796**),**

"monPaymonth"**:**"2016-08"**,**

"orderNo"**:**"012016082900000027"**,**

"money"**:**300.0**,**

"payType"**:**"1"**,**

"incomeType"**:**"2"**,**

"productName"**:**"云主机-续费"**,**

"operType"**:**"3"**,**

"monId"**:**"402890a856d55a210156d55bde110000",

"monContract"**:**null,

"payState"**:**null,

"resourceId"**:**null,

"resourceName" : null,

"monConfigure" : null,

"monStart"**:**null,

"monEnd"**:**null,

"dcId"**:**null,

"isSuccess"**:**null

**}**

CollectionName:’ log.chargeRecord.op.fail’ //计费清单操作失败日志Collection

**{**

"\_id"**:**ObjectId**(**"57c6357770543bc6c1a7ce8f"**),**

"timestamp"**:**ISODate**(**"2016-08-31T01:40:07.587+0000"**),**

"resourceId"**:**"cd1c53a5-7e89-4f79-bb58-4b96ff615bd1"**,**

"chargeFrom"**:**NumberLong**(**1472607640487**),**

"param"**:{**

"ramCapacity"**:**NumberInt**(**8**),**

"cpuSize"**:**NumberInt**(**4**),**

"imageType"**:**"2008StandardCount"**,**

"imageCount"**:**NumberInt**(**1**),**

"sysDiskCapacity"**:**NumberInt**(**60**),**

"number"**:**NumberInt**(**1**)**

**},**

"datecenterId"**:**"1604271035270"**,**

"exception"**:**null**,**

"orderNumber"**:**"012016083100000003"**,**

"cusId"**:**"4028909551a8e5d30151a8e851e30009"**,**

"resourceType"**:**"0"

**}**

## 索引设计

db**[**'log.money.success'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.log.money.success"

**}**

**]**

db**[**'log.money.failed**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.log.money.failed"

**}**

**]**

db**[**'log.chargeRecord.op.fail**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.log.chargeRecord.op.fail"

**}**

**]**

# ECSC监控报警

## 使用场景

Ecsc各资源监控

## CollectionName和数据举例

CollectionName:’ monitor.alarm.item’

**{**

"\_id"**:**ObjectId**(**"574d6ba45f53be74934a5d25"**),**

"isTriggerMet"**:**"1"**,**

" monitorType " **:** " 0008001"**,//监控项类别的nodeId(网络1.3新增)**

"time"**:**ISODate**(**"2016-05-31T10:47:00.000+0000"**),**

"objectId"**:**"4028b881540fe6e101540fea17e40002"**,**

"triggerId"**:**"4028b881540d880001540da824640011"

**}**

## 索引设计

# ECMC监控报警

## 使用场景

Ecmc各资源监控报警

## CollectionName和数据举例

CollectionName:’ ecmc.monitor.alarm.item’

**{**

"\_id"**:**ObjectId**(**"570cf11cb68ff586f24f4d45"**),**

"alarmObjectId"**:**"40289099540a862201540a86d5860000"**,**

"time"**:**ISODate**(**"2016-04-12T12:59:00.000+0000"**),**

"objType"**:**"0010003001"**,**

"triggerId"**:**"4028909954096e0f015409b5e0190004"**,**

"isOverTrigger"**:**"0"

**}**

## 索引设计

# 对象存储

## 使用场景

对象存储数据统计/cdn日志

## CollectionName和数据举例

CollectionName:’obs.storageUsed.1h’ //存储容量统计/1小时

**{**

"\_id"**:**ObjectId**(**"57c5ad80de4ef61a713ebd8e"**),**

"master\_ver"**:**NumberInt**(**0**),**

"bucket"**:**"xinbanceshi"**,**

"mtime"**:**NumberInt**(**1458626940**),**

"ver"**:**NumberInt**(**135**),**

"timestamp"**:**ISODate**(**"2016-08-30T16:00:00.000+0000"**),**

"id"**:**"center-1.7610.9"**,**

"max\_marker"**:**"00000000134.6073.3"**,**

"index\_pool"**:**".center-1.rgw.buckets.index"**,**

"pool"**:**".center-1.rgw.buckets"**,**

"marker"**:**"center-1.7610.9"**,**

"owner"**:**"cusid1"**,**

"usage"**:{**

"size\_kb"**:**NumberInt**(**0**),**

"size\_kb\_actual"**:**NumberInt**(**0**),**

"num\_objects"**:**NumberInt**(**19**)**

**},**

"bucket\_quota"**:{**

"enabled"**:**false**,**

"max\_objects"**:**NumberInt**(**-1**),**

"max\_size\_kb"**:**NumberInt**(**-1**)**

**}**

**}**

CollectionName:’obs.storageUsed.24h’

**{**

"\_id"**:**ObjectId**(**"57b5df04e4b09846c035c5ea"**),**

"timestamp"**:**ISODate**(**"2016-08-17T16:00:00.000+0000"**),**

"owner"**:**"40289090523f758c01523fa1c0f5000d"**,**

"storageUsed"**:**0.0

**}**

CollectionName:’obs.storageUsed.1month’

**{**

"\_id"**:**ObjectId**(**"5775434be4b0ca124cd8077f"**),**

"timestamp"**:**ISODate**(**"2016-05-31T16:00:00.000+0000"**),**

"owner"**:**"402890b75358dc190153596761ea001f"**,**

"storageUsed"**:**36708.333333333336

**}**

CollectionName:’obs.used.1 h’ //下载流量请求次数统计/1小时

**{**

"\_id"**:**ObjectId**(**"57b66820e4b09846c0375df9"**),**

"timestamp"**:**ISODate**(**"2016-08-19T02:00:00.035+0000"**),**

"time"**:**"2016-08-19 01:00:00.000000Z"**,**

"epoch"**:**NumberInt**(**1471568400**),**

//Bucket名称

"bucket"**:**"ttest062703"**,**

//所属客户

"owner"**:**"4028909551a8e5d30151a8e851e30009"**,**

"categories"**:[**

**{**

"successful\_ops"**:**NumberInt**(**2**),**

"category"**:**"get\_acls"**,**

"bytes\_sent"**:**NumberInt**(**914**),**

"bytes\_received"**:**NumberInt**(**0**),**

"ops"**:**NumberInt**(**2**)**

**}**

**]**

**}**

CollectionName:’obs.used.24h’ //下载流量请求次数统计汇总/1天

**{**

"\_id"**:**ObjectId**(**"57320904e4b053bed672bef3"**),**

"timestamp"**:**ISODate**(**"2016-05-09T16:00:00.000+0000"**),**

"countRequest"**:**NumberLong**(**0**),**

"deleteCount"**:**NumberLong**(**0**),**

"putCount"**:**NumberLong**(**0**),**

"owner"**:**"402890b75358dc190153596761ea001f"**,**

"download"**:**NumberLong**(**0**),**

"upload"**:**NumberLong**(**0**),**

"getCount"**:**NumberLong**(**0**)**

"final\_data": NumberLong**(**0**) //新加属性，表示剔除回源后的流量**

**}**

CollectionName:’obs.used.1month’

**{**

"\_id"**:**ObjectId**(**"5775434de4b0ca124cd80787"**),**

"timestamp"**:**ISODate**(**"2016-05-31T16:00:00.000+0000"**),**

"countRequest"**:**NumberLong**(**0**),**

"owner"**:**"cusid1"**,**

"download"**:**NumberLong**(**0**)**

"final\_data": NumberLong**(**0**) //新加属性，表示剔除回源后的流量**

**}**

CollectionName:’obs.cdn.1h’

**{**

"\_id"**:**ObjectId**(**"579c9918e4b08f8e78aa1dc7"**),**

"timestamp"**:**ISODate**(**"2016-07-30T12:00:00.000+0000"**),**

"bucket\_name"**:**"ysytest1"**,**

"cus\_id"**:**"ff8080815509acb0015509b99ec80009"**,**

"domain\_id"**:**"i34szb4jd2uqdtn0"**,**

"flow\_data"**:**NumberLong**(**0**),**

"cdnProvider"**:**"UpYun"**,**

"counter\_unit"**:**"B"

**}**

CollectionName:’obs.cdn.1d’

**{**

"\_id"**:**ObjectId**(**"57890b14e4b006cdbeae1297"**),**

"timestamp"**:**ISODate**(**"2016-07-14T16:00:00.000+0000"**),**

"cus\_id"**:**"ff8080815509acb0015509b99ec80009"**,**

"flow\_data"**:**NumberLong**(**0**),**

"cdnProvider"**:**"UpYun"**,**

"counter\_unit"**:**"B"

**}**

CollectionName:’obs.cdn.1mon’

**{**

"\_id"**:**ObjectId**(**"579e2315e4b08f8e78aebe2e"**),**

"timestamp"**:**ISODate**(**"2016-06-30T16:00:00.000+0000"**),**

"cus\_id"**:**"ff8080815509acb0015509b99ec80009"**,**

"flow\_data"**:**NumberLong**(**670755893**),**

"cdnProvider"**:**"UpYun"**,**

"counter\_unit"**:**"B"

**}**

CollectionName:’log.api.cdn’

**{**

"\_id"**:**ObjectId**(**"57b28408e4b0163e63f51a71"**),**

"message"**:**"Succeed in get statistics."**,**

"timestamp"**:**ISODate**(**"2016-08-16T03:10:00.694+0000"**),**

"statusCode"**:**NumberInt**(**200**),**

"requestBody"**:**null**,**

"operation"**:**"QUERY\_BANDWIDTH"**,**

"status"**:**"1"**,**

"domainId"**:**"kpt6q6cbgr13d5qw"**,**

"provider"**:**"UpYun"**,**

"URL"**:**"https://api.upyun.com/v2/statistics/?bucket\_name=kpt6q6cbgr13d5qw&start\_time=2016-08-16%2010:00:00&end\_time=2016-08-16%2011:00:00"**,**

"bucketName"**:**null

**}**

CollectionName:’log.api.dns

**{**

"\_id"**:**ObjectId**(**"57b2c03fe4b03be4d4d7d43a"**),**

"timestamp"**:**ISODate**(**"2016-08-16T07:26:55.157+0000"**),**

"recordId"**:**null**,**

"operation"**:**"CREATE\_RECORD"**,**

"status"**:**"0"**,**

"responseBody"**:{**

"Message"**:**"Specified access key is not found."**,**

"RequestId"**:**"C68B60BC-7BBE-4292-9200-F649EE6B8A28"**,**

"HostId"**:**"alidns.aliyuncs.com"**,**

"Code"**:**"InvalidAccessKeyId.NotFound"

**},**

"domainName"**:**"tvaqhsi60g0cvsmn"**,**

"URL"**:**"http://alidns.aliyuncs.com/?&AccessKeyId=null&Action=AddDomainRecord&DomainName=eayun.com&Format=JSON&Line=default&RR=2016lad123.test&Signature=SJ4GvAZex3xbqVom9f1umr8N5jE%3D&SignatureMethod=HMAC-SHA1&SignatureNonce=1a4634ef-aa41-4246-b55f-58956a48f51f&SignatureVersion=1.0&TTL=600&Timestamp=2016-08-16T07%3A26%3A54Z&Type=CNAME&Value=tvaqhsi60g0cvsmn.b0.aicdn.com&Version=2015-01-09"**,**

"bucketName"**:**"2016lad123"

**}**

CollectionName:’cdn.refresh.bucket

**{**

"\_id"**:**ObjectId**(**"577cd116e4b0e21e23711be0"**),**

"timestamp"**:**ISODate**(**"2016-07-06T09:36:22.197+0000"**),**

"customerId"**:**"ff8080815509ad94015509b0d4570005"**,**

"bucket"**:**"test123"

**}**

CollectionName:’cdn.refresh.object

**{**

"\_id"**:**ObjectId**(**"577cb94fe4b0e21e23711bd0"**),**

"timestamp"**:**ISODate**(**"2016-07-06T07:54:55.311+0000"**),**

"customerId"**:**"ff8080815509ad94015509b0d4570005"**,**

"bucket"**:**"test123"**,**

"objects"**:[**

**{**

"object"**:**"images/1.jpg"**,**

"type"**:**"upload"

**}**

**]**

**}**

CollectionName:’log.obs.notice

**{**

"\_id"**:**ObjectId**(**"577cbss94fe4b0e21e23711bd0"**),**

"timestamp"**:**ISODate**(**"2016-07-06T07:54:55.311+0000"**),**

"op\_type"**:**"bucket"**,**

"request"**:{**

"headers"**:**""**,**

"uri"**:**""**,**

"http\_method"**:**""**,**

"remote\_address"**:**""**,**

"protocol"**:**""**,**

"param"**:**""

**},**

**,**

"response"**:**

**{**

"status"**:**""**,**

"keyword"**:**"Unauthorized",

"message"**:**"Access is denied due to invalid credentials"

**}**

**}**

**"cdn.backsource.api.details"** UpYun查询回源流量API返回的详细信息

**{**

"\_id"**:** ObjectId**(**"580db171f01b568559aabfec"**),**

"timestamp"**:** ISODate**(**"2016-10-24T07:00:00.000+0000"**),**

"details"**:[**

**{**

"kts"**:**"2016-10-24 13:55:00"**,**

"kt"**:** NumberInt**(**1477288500**)**

**},**

**{**

"kts"**:**"2016-10-24 14:00:00"**,**

"kt"**:** NumberInt**(**1477288800**)**

**},**

**{**

"kts"**:**"2016-10-24 14:05:00"**,**

"kt"**:** NumberInt**(**1477289100**)**

**},**

**{**

"kts"**:**"2016-10-24 14:10:00"**,**

"kt"**:** NumberInt**(**1477289400**)**

**},**

**{**

"kts"**:**"2016-10-24 14:15:00"**,**

"kt"**:** NumberInt**(**1477289700**)**

**},**

**{**

"kts"**:**"2016-10-24 14:20:00"**,**

"kt"**:** NumberInt**(**1477290000**)**

**},**

**{**

"kts"**:**"2016-10-24 14:25:00"**,**

"kt"**:** NumberInt**(**1477290300**)**

**},**

**{**

"kts"**:**"2016-10-24 14:30:00"**,**

"kt"**:** NumberInt**(**1477290600**)**

**},**

**{**

"kts"**:**"2016-10-24 14:35:00"**,**

"kt"**:** NumberInt**(**1477290900**)**

**},**

**{**

"kts"**:**"2016-10-24 14:40:00"**,**

"kt"**:** NumberInt**(**1477291200**)**

**},**

**{**

"kts"**:**"2016-10-24 14:45:00"**,**

"kt"**:** NumberInt**(**1477291500**)**

**},**

**{**

"kts"**:**"2016-10-24 14:50:00"**,**

"kt"**:** NumberInt**(**1477291800**)**

**}**

**],**

"bucket\_name"**:**"4444"**,**

"cus\_id"**:**"402890a8549384fc015493fbecbc000d"**,**

"domain\_id"**:**"q1jw453hfynl0i5i"**,**

"real\_time"**:** ISODate**(**"2016-10-24T07:00:01.977+0000"**)**

**}**

"cdn.backsource.1h" 回源流量每小时集合

**{**

"\_id"**:** ObjectId**(**"580d7931f01bc6a2c778a453"**),**

"timestamp"**:** ISODate**(**"2016-10-24T03:00:00.000+0000"**),**

"backsource"**:** NumberLong**(**0**),**

"bucket\_name"**:**"nbnb"**,**

"cus\_id"**:**"4028909551a8e5d30151a8e851e30009"**,**

"domain\_id"**:**"zpb1k5q5qf4b02sp"**,**

"real\_time"**:** ISODate**(**"2016-10-24T03:00:01.585+0000"**),**

"cdnProvider"**:**"UpYun"**,**

"counter\_unit"**:**"B"

**}**

"cdn.backsource.1d" 回源流量每天汇总统计

**{**

"\_id"**:** ObjectId**(**"580d7931f01bc6a2c778a453"**),**

"timestamp"**:** ISODate**(**"2016-10-24T03:00:00.000+0000"**),**

"backsource"**:** NumberLong**(**0**),**

"cus\_id"**:**"4028909551a8e5d30151a8e851e30009"**,**

"cdnProvider"**:**"UpYun"**,**

"counter\_unit"**:**"B"

**}**

"cdn.backsource.1month" 回源流量每月汇总统计

**{**

"\_id"**:** ObjectId**(**"580d7931f01bc6a2c778a453"**),**

"timestamp"**:** ISODate**(**"2016-10-24T03:00:00.000+0000"**),**

"backsource"**:** NumberLong**(**0**),**

"cus\_id"**:**"4028909551a8e5d30151a8e851e30009"**,**

"cdnProvider"**:**"UpYun"**,**

"counter\_unit"**:**"B"

**}**

## 索引设计

db**[**'obs.storageUsed.1h'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.obs.storageUsed.1h"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.obs.storageUsed.1h"**,**

"background"**:**false

**}**

**]**

db**[**'obs.storageUsed.24h'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.obs.storageUsed.24h"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.obs.storageUsed.24h"

**}**

**]**

db**[**'obs.storageUsed.1month'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.obs.storageUsed.1month"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.obs.storageUsed.1month"

**}**

**]**

db**[**'obs.used.1h'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.obs.used.1h"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.obs.used.1h"

**}**

**]**

db**[**'obs.used.24h'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.obs.used.24h"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.obs.used.24h"

**}**

**]**

db**[**'obs.used.1month'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.obs.used.1month"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.obs.used.1month"

**}**

**]**

db**[**'obs.cdn.1h'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.obs.cdn.1h"

**}**

**]**

db**[**'obs.cdn.1d'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.obs.cdn.1d"

**}**

**]**

db**[**'obs.cdn.1mon'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.obs.cdn.1mon"

**}**

**]**

db**[**'log.api.cdn'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.log.api.cdn"

**}**

**]**

db**[**'log.api.dns'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.log.api.dns"

**}**

**]**

db**[**'cdn.refresh.bucket'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.cdn.refresh.bucket"

**}**

**]**

db**[**'cdn.refresh.object'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.cdn.refresh.object"

**}**

**]**

db**[**'cdn.backsource.1h'**]**.getIndexes**()**

**[**

**{**

"v"**:** NumberInt**(**1**),**

"key"**:{**

"\_id"**:** NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.cdn.backsource.1h"

**},**

**{**

"v"**:** NumberInt**(**1**),**

"key"**:{**

"timestamp"**:** NumberInt**(**1**)**

**},**

"name"**:**"timestamp\_1"**,**

"ns"**:**"dev.cdn.backsource.1h"

**}**

**]**

db**[**'cdn.backsource.api.details'**]**.getIndexes**();**

**[**

**{**

"v"**:** NumberInt**(**1**),**

"key"**:{**

"\_id"**:** NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.cdn.backsource.api.details"

**},**

**{**

"v"**:** NumberInt**(**1**),**

"key"**:{**

"timestamp"**:** NumberInt**(**1**)**

**},**

"name"**:**"timestamp\_1"**,**

"ns"**:**"dev.cdn.backsource.api.details"

**}**

**]**

db**[**'cdn.backsource.1d'**]**.getIndexes**();**

**[**

**{**

"v"**:** NumberInt**(**1**),**

"key"**:{**

"\_id"**:** NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.cdn.backsource.1d"

**},**

**{**

"v"**:** NumberInt**(**1**),**

"key"**:{**

"timestamp"**:** NumberInt**(**1**)**

**},**

"name"**:**"timestamp\_1"**,**

"ns"**:**"dev.cdn.backsource.1d"

**}**

**]**

db**[**'cdn.backsource.1month'**]**.getIndexes**();**

**[**

**{**

"v"**:** NumberInt**(**1**),**

"key"**:{**

"\_id"**:** NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.cdn.backsource.1month"

**},**

**{**

"v"**:** NumberInt**(**1**),**

"key"**:{**

"timestamp"**:** NumberInt**(**1**)**

**},**

"name"**:**"timestamp\_1"**,**

"ns"**:**"dev.cdn.backsource.1month"

**}**

**]**

# 指标监控

## 使用场景

各资源资源统计

## CollectionName和数据举例

CollectionName:’bandwidth.network.incoming.detail’ //资源统计-网络上行流量明细

**{**

"\_id"**:**ObjectId**(**"573ada852d5ddb9a70bae610"**),**

"timestamp"**:**ISODate**(**"2016-05-17T08:47:00.000+0000"**),**

"resource\_id"**:**"d6813414-0c10-4f7d-907d-d64adca7fd68"**,**

"counter\_type"**:**"delta"**,**

"source"**:**"openstack"**,**

"project\_id"**:**"a1018b74b65040219fb6967b02ea177d"**,**

"message\_id"**:**"1c54b5de-1c0b-11e6-942f-66d485855148"**,**

"user\_id"**:**null**,**

"recorded\_at"**:**"2016-05-17T08:41:12.817000"**,**

"counter\_volume"**:**0.0**,**

"resource\_metadata"**:{**

"time"**:**"60"**,**

"last\_update"**:**"1463474472"**,**

"host"**:**"metering.node-28.eayun.cn"**,**

"bytes"**:**"0"**,**

"event\_type"**:**"l3.meter"**,**

"label\_id"**:**"d6813414-0c10-4f7d-907d-d64adca7fd68"**,**

"tenant\_id"**:**"a1018b74b65040219fb6967b02ea177d"**,**

"pkts"**:**"0"**,**

"first\_update"**:**"1463368423"

**},**

"counter\_unit"**:**"MB"**,**

"counter\_name"**:**"bandwidth"

**}**

CollectionName:’bandwidth.network.incoming.summary’ //资源统计-网络上行流量汇总

**{**

"\_id"**:**ObjectId**(**"56cd87e2b68f29e33ccfa9fc"**),**

"unit"**:**"MB"**,**

"meter"**:**"bandwidth.network.incoming"**,**

"project\_id"**:**"096ef11347754b31a926518cdf103e2b"**,**

"date"**:**ISODate**(**"2016-02-22T16:00:00.000+0000"**),**

"counter\_volume"**:**0.008130073547363281

**}**

CollectionName:’bandwidth.network.outgoing.detail’ //资源统计-网络下行流量明细

**{**

"\_id"**:**ObjectId**(**"573ae2bd2d5d07b29a6f355a"**),**

"timestamp"**:**ISODate**(**"2016-05-17T09:21:00.000+0000"**),**

"resource\_id"**:**"370fea6e-343c-4831-b786-3c98266fac96"**,**

"counter\_type"**:**"delta"**,**

"source"**:**"openstack"**,**

"project\_id"**:**"a1018b74b65040219fb6967b02ea177d"**,**

"message\_id"**:**"dc4ac4d8-1c0f-11e6-813b-527bc2d42c42"**,**

"user\_id"**:**null**,**

"recorded\_at"**:**"2016-05-17T09:15:12.819000"**,**

"counter\_volume"**:**0.0**,** //下行流量

"resource\_metadata"**:{**

"time"**:**"60"**,**

"last\_update"**:**"1463476512"**,**

"host"**:**"metering.node-28.eayun.cn"**,**

"bytes"**:**"0"**,**

"event\_type"**:**"l3.meter"**,**

"label\_id"**:**"370fea6e-343c-4831-b786-3c98266fac96"**,**

"tenant\_id"**:**"a1018b74b65040219fb6967b02ea177d"**,**

"pkts"**:**"0"**,**

"first\_update"**:**"1463368423"

**},**

"counter\_unit"**:**"MB"**,** //单位

"counter\_name"**:**"bandwidth"

**}**

CollectionName:’bandwidth.network.outgoing.summary’ //资源统计-网络下行流量汇总

**{**

"\_id"**:**ObjectId**(**"56d5bdac342f27485b29cd55"**),**

"timestamp"**:**ISODate**(**"2016-03-01T16:05:00.166+0000"**),**

"unit"**:**"MB"**,** //单位

"meter"**:**"bandwidth.network.outgoing"**,**

"project\_id"**:**"1496a93fd6214b389762184f1df74229"**,**

"date"**:**ISODate**(**"2016-02-29T16:00:00.000+0000"**),**

"counter\_volume"**:**0.0 //汇总的下行流量

**}**

CollectionName:’cpu\_util.detail’ //cpu使用率统计明细

**{**

"\_id"**:**ObjectId**(**"56c12cb0e4b02f464af32aed"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:41:00.825+0000"**),**

"resource\_id"**:**"d9b99ad1-8c66-4d48-a83b-f65d34c35ad2"**,**

"counter\_type"**:**"gauge"**,**

"source"**:**"openstack"**,**

"project\_id"**:**"dabbe591c1dd488da26e2a33420e9a1b"**,**

"vm\_id"**:**"d9b99ad1-8c66-4d48-a83b-f65d34c35ad2"**,**

"message\_id"**:**"035dfb04-d385-11e5-8482-eec22c54d640"**,**

"user\_id"**:**"068b5b607556494fbe42c3249ca3ca96"**,**

"recorded\_at"**:**"2016-02-15T01:39:54.544000"**,**

"counter\_volume"**:**0.42**,**

"counter\_unit"**:**"%"**,**

"counter\_name"**:**"cpu\_util"

**}**

CollectionName:’cpu\_util.3min //cpu使用率统计汇总/3min

**{**

"\_id"**:**ObjectId**(**"56c12ce8e4b02f464af32afa"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:42:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"%"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.4433333333333333**,**

"counter\_name"**:**"cpu\_util"

**}**

CollectionName:’cpu\_util.5min //cpu使用率统计汇总/5min

**{**

"\_id"**:**ObjectId**(**"56c12d9fe4b02f464af32b48"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:45:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"%"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.44333333333333325**,**

"counter\_name"**:**"cpu\_util"

**}**

CollectionName:’cpu\_util.10min //cpu使用率统计汇总/10min

**{**

"\_id"**:**ObjectId**(**"56c12ecee4b02f464af32bb0"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:50:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"%"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.44383333333333336**,**

"counter\_name"**:**"cpu\_util"

**}**

CollectionName:’cpu\_util.1h //cpu使用率统计汇总/1h

**{**

"\_id"**:**ObjectId**(**"56c1312ae4b02f464af32c9a"**),**

"timestamp"**:**ISODate**(**"2016-02-15T02:00:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"%"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.4457033945464664**,**

"counter\_name"**:**"cpu\_util"

**}**

CollectionName:’cpu\_util.1d //cpu使用率统计汇总/1d

**{**

"\_id"**:**ObjectId**(**"5730b4f0e4b0be72bc26b294"**),**

"timestamp"**:**ISODate**(**"2016-05-09T16:00:00.000+0000"**),**

"project\_id"**:**"71a382429d7642878a40e4b8c2982524"**,**

"count\_unit"**:**"%"**,**

"vm\_id"**:**"f65dea44-c59f-4f13-af28-270fc83b9492"**,**

"counter\_volume"**:**2.9146031746031746**,**

"counter\_name"**:**"cpu\_util"

**}**

CollectionName:’disk.read.bytes.rate.detail //磁盘读记录明细

**{**

"\_id"**:**ObjectId**(**"56c12cb2e4b02f464af32af0"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:41:00.827+0000"**),**

"resource\_id"**:**"eb87ebf7-3f57-42e7-93a6-4d2c8d45f496"**,**

"counter\_type"**:**"gauge"**,**

"source"**:**"openstack"**,**

"project\_id"**:**"dabbe591c1dd488da26e2a33420e9a1b"**,**

"vm\_id"**:**"eb87ebf7-3f57-42e7-93a6-4d2c8d45f496"**,**

"message\_id"**:**"8a2a8274-d2ef-11e5-8482-eec22c54d640"**,**

"user\_id"**:**"068b5b607556494fbe42c3249ca3ca96"**,**

"recorded\_at"**:**"2016-02-14T07:49:56.283000"**,**

"counter\_volume"**:**0.0**,**

"counter\_unit"**:**"MB/s"**,**

"counter\_name"**:**"disk.read.bytes.rate"

**}**

CollectionName:’disk.read.bytes.rate.3min //磁盘读记录汇总/3min

**{**

"\_id"**:**ObjectId**(**"56c12ce8e4b02f464af32afd"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:42:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"MB/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"disk.read.bytes.rate"

**}**

CollectionName:’disk.read.bytes.rate.5min //磁盘读记录汇总/5min

**{**

"\_id"**:**ObjectId**(**"56c12d9fe4b02f464af32b49"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:45:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"MB/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"disk.read.bytes.rate"

**}**

CollectionName:’disk.read.bytes.rate.10min //磁盘读记录汇总/10min

**{**

"\_id"**:**ObjectId**(**"56c12ecee4b02f464af32bb1"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:50:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"MB/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"disk.read.bytes.rate"

**}**

CollectionName:’disk.read.bytes.rate.1h //磁盘读记录汇总/1h

**{**

"\_id"**:**ObjectId**(**"56c1312ae4b02f464af32c9b"**),**

"timestamp"**:**ISODate**(**"2016-02-15T02:00:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"MB/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"disk.read.bytes.rate"

**}**

CollectionName:’disk.read.bytes.rate.1d //磁盘读记录汇总/1d

**{**

"\_id"**:**ObjectId**(**"5730b4f0e4b0be72bc26b295"**),**

"timestamp"**:**ISODate**(**"2016-05-09T16:00:00.000+0000"**),**

"project\_id"**:**"71a382429d7642878a40e4b8c2982524"**,**

"count\_unit"**:**"MB/s"**,**

"vm\_id"**:**"f65dea44-c59f-4f13-af28-270fc83b9492"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"disk.read.bytes.rate"

**}**

CollectionName:’disk.write.bytes.rate.detail //磁盘写记录明细

**{**

"\_id"**:**ObjectId**(**"56c12cb2e4b02f464af32af3"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:41:00.827+0000"**),**

"resource\_id"**:**"eb87ebf7-3f57-42e7-93a6-4d2c8d45f496"**,**

"counter\_type"**:**"gauge"**,**

"source"**:**"openstack"**,**

"project\_id"**:**"dabbe591c1dd488da26e2a33420e9a1b"**,**

"vm\_id"**:**"eb87ebf7-3f57-42e7-93a6-4d2c8d45f496"**,**

"message\_id"**:**"8a0e2ac0-d2ef-11e5-8482-eec22c54d640"**,**

"user\_id"**:**"068b5b607556494fbe42c3249ca3ca96"**,**

"recorded\_at"**:**"2016-02-14T07:49:56.029000"**,**

"counter\_volume"**:**0.0**,**

"counter\_unit"**:**"MB/s"**,**

"counter\_name"**:**"disk.write.bytes.rate"

**}**

CollectionName:’disk.write.bytes.rate.3min //磁盘写记录汇总/3min

**{**

"\_id"**:**ObjectId**(**"56c12ce8e4b02f464af32aff"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:42:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"MB/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"disk.write.bytes.rate"

**}**

CollectionName:’disk.write.bytes.rate.5min //磁盘写记录汇总/5min

**{**

"\_id"**:**ObjectId**(**"56c12d9fe4b02f464af32b4a"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:45:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"MB/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"disk.write.bytes.rate"

**}**

CollectionName:’disk.write.bytes.rate.10min //磁盘写记录汇总/10min

**{**

"\_id"**:**ObjectId**(**"56c12ecee4b02f464af32bb6"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:50:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"MB/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"disk.write.bytes.rate"

**}**

CollectionName:’disk.write.bytes.rate.1h //磁盘写记录汇总/1h

**{**

"\_id"**:**ObjectId**(**"56c1312ae4b02f464af32c9c"**),**

"timestamp"**:**ISODate**(**"2016-02-15T02:00:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"MB/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"disk.write.bytes.rate"

**}**

CollectionName:’disk.write.bytes.rate.1d //磁盘写记录汇总/1d

**{**

"\_id"**:**ObjectId**(**"5730b4f0e4b0be72bc26b296"**),**

"timestamp"**:**ISODate**(**"2016-05-09T16:00:00.000+0000"**),**

"project\_id"**:**"71a382429d7642878a40e4b8c2982524"**,**

"count\_unit"**:**"MB/s"**,**

"vm\_id"**:**"f65dea44-c59f-4f13-af28-270fc83b9492"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"disk.write.bytes.rate"

**}**

CollectionName:’memory.usage.detail //内存使用率明细

**{**

"\_id"**:**ObjectId**(**"575e501ce4b0525d5907db9e"**),**

"timestamp"**:**ISODate**(**"2016-06-13T06:18:00.000+0000"**),**

"resource\_id"**:**"c6e2bd4c-e423-494d-80ad-6b381b1c43b3"**,**

"counter\_type"**:**"gauge"**,**

"source"**:**"openstack"**,**

"project\_id"**:**"cb6822654802410da4a45fa37f5ddaf9"**,**

"vm\_id"**:**"c6e2bd4c-e423-494d-80ad-6b381b1c43b3"**,**

"message\_id"**:**"5cc93ba2-312e-11e6-8f91-7257860fa941"**,**

"user\_id"**:**"87f176e8dfc847a7b8f2982252325891"**,**

"recorded\_at"**:**"2016-06-13T06:16:27.792000"**,**

"counter\_volume"**:**40.40412902832031**,**

"counter\_unit"**:**"%"**,**

"counter\_name"**:**"memory.usage"

**}**

CollectionName:’memory.usage.3min //内存使用率汇总/3min

**{**

"\_id"**:**ObjectId**(**"575e501ee4b0525d5907dbee"**),**

"timestamp"**:**ISODate**(**"2016-06-13T06:18:00.000+0000"**),**

"project\_id"**:**"0829e628c89949df8a0d4e66addb6a77"**,**

"count\_unit"**:**"%"**,**

"vm\_id"**:**"d9681244-9f44-4b20-ac50-2d9bbad3b92e"**,**

"counter\_volume"**:**15.879440307617188**,**

"counter\_name"**:**"memory.usage"

**}**

CollectionName:’memory.usage.5min //内存使用率汇总/5min

**{**

"\_id"**:**ObjectId**(**"575e5095e4b0525d5907dedf"**),**

"timestamp"**:**ISODate**(**"2016-06-13T06:20:00.000+0000"**),**

"project\_id"**:**"0829e628c89949df8a0d4e66addb6a77"**,**

"count\_unit"**:**"%"**,**

"vm\_id"**:**"a172ef18-07ea-4e71-97d1-88f8dc00a607"**,**

"counter\_volume"**:**9.300613403320312**,**

"counter\_name"**:**"memory.usage"

**}**

CollectionName:’memory.usage.10min //内存使用率汇总/10min

**{**

"\_id"**:**ObjectId**(**"575e5096e4b0525d5907df70"**),**

"timestamp"**:**ISODate**(**"2016-06-13T06:20:00.000+0000"**),**

"project\_id"**:**"0829e628c89949df8a0d4e66addb6a77"**,**

"count\_unit"**:**"%"**,**

"vm\_id"**:**"a172ef18-07ea-4e71-97d1-88f8dc00a607"**,**

"counter\_volume"**:**9.300613403320312**,**

"counter\_name"**:**"memory.usage"

**}**

CollectionName:’memory.usage.1h //内存使用率汇总/1h

**{**

"\_id"**:**ObjectId**(**"575e59fae4b0525d59081378"**),**

"timestamp"**:**ISODate**(**"2016-06-13T07:00:00.000+0000"**),**

"project\_id"**:**"0829e628c89949df8a0d4e66addb6a77"**,**

"count\_unit"**:**"%"**,**

"vm\_id"**:**"b7ec8c36-b603-4e4b-bfef-e2018aa71b1b"**,**

"counter\_volume"**:**37.447250721066496**,**

"counter\_name"**:**"memory.usage"

**}**

CollectionName:’memory.usage.1d //内存使用率汇总/1d

**{**

"\_id"**:**ObjectId**(**"575ed971e4b0525d590aba99"**),**

"timestamp"**:**ISODate**(**"2016-06-13T16:00:00.000+0000"**),**

"project\_id"**:**"0829e628c89949df8a0d4e66addb6a77"**,**

"count\_unit"**:**"%"**,**

"vm\_id"**:**"d9681244-9f44-4b20-ac50-2d9bbad3b92e"**,**

"counter\_volume"**:**15.945237280986563**,**

"counter\_name"**:**"memory.usage"

**}**

CollectionName:’network.incoming.bytes.rate.detail //上行流量明细

**{**

"\_id"**:**ObjectId**(**"56c12cb2e4b02f464af32af6"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:41:00.825+0000"**),**

"resource\_id"**:**"instance-000005af-d9b99ad1-8c66-4d48-a83b-f65d34c35ad2-tap3f1f1c28-c5"**,**

"counter\_type"**:**"gauge"**,**

"source"**:**"openstack"**,**

"project\_id"**:**"dabbe591c1dd488da26e2a33420e9a1b"**,**

"vm\_id"**:**"d9b99ad1-8c66-4d48-a83b-f65d34c35ad2"**,**

"message\_id"**:**"036578ca-d385-11e5-8482-eec22c54d640"**,**

"user\_id"**:**"068b5b607556494fbe42c3249ca3ca96"**,**

"recorded\_at"**:**"2016-02-15T01:39:54.591000"**,**

"counter\_volume"**:**0.0**,**

"counter\_unit"**:**"Mb/s"**,**

"counter\_name"**:**"network.incoming.bytes.rate"

**}**

CollectionName:’network.incoming.bytes.rate.3min //上行流量汇总/3min

**{**

"\_id"**:**ObjectId**(**"56c12ce8e4b02f464af32b01"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:42:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"Mb/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"network.incoming.bytes.rate"

**}**

CollectionName:’network.incoming.bytes.rate.5min //上行流量汇总/5min

**{**

"\_id"**:**ObjectId**(**"56c12d9fe4b02f464af32b4c"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:45:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"Mb/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"network.incoming.bytes.rate"

**}**

CollectionName:’network.incoming.bytes.rate.10min //上行流量汇总/10min

**{**

"\_id"**:**ObjectId**(**"56c12ecee4b02f464af32bb9"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:50:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"Mb/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"network.incoming.bytes.rate"

**}**

CollectionName:’network.incoming.bytes.rate.1h //上行流量汇总/1h

**{**

"\_id"**:**ObjectId**(**"56c1312ae4b02f464af32ca1"**),**

"timestamp"**:**ISODate**(**"2016-02-15T02:00:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"Mb/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"network.incoming.bytes.rate"

**}**

CollectionName:’network.incoming.bytes.rate.1d //上行流量汇总/1d

**{**

"\_id"**:**ObjectId**(**"5730b4f0e4b0be72bc26b297"**),**

"timestamp"**:**ISODate**(**"2016-05-09T16:00:00.000+0000"**),**

"project\_id"**:**"71a382429d7642878a40e4b8c2982524"**,**

"count\_unit"**:**"Mb/s"**,**

"vm\_id"**:**"f65dea44-c59f-4f13-af28-270fc83b9492"**,**

"counter\_volume"**:**0.000012283331640621375**,**

"counter\_name"**:**"network.incoming.bytes.rate"

**}**

CollectionName:’network.outgoing.bytes.rate.detail //下行流量明细

**{**

"\_id"**:**ObjectId**(**"56c12cb2e4b02f464af32af8"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:41:00.814+0000"**),**

"resource\_id"**:**"instance-000005cd-6a73f127-08b7-4886-9097-9c6ce0063e33-tapd9de6c73-eb"**,**

"counter\_type"**:**"gauge"**,**

"source"**:**"openstack"**,**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"message\_id"**:**"03500ddc-d385-11e5-8482-eec22c54d640"**,**

"user\_id"**:**"068b5b607556494fbe42c3249ca3ca96"**,**

"recorded\_at"**:**"2016-02-15T01:39:54.449000"**,**

"counter\_volume"**:**0.0**,**

"counter\_unit"**:**"Mb/s"**,**

"counter\_name"**:**"network.outgoing.bytes.rate"

**}**

CollectionName:’network.outgoing.bytes.rate.3min //下行流量汇总/3min

**{**

"\_id"**:**ObjectId**(**"56c12ce8e4b02f464af32b04"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:42:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"Mb/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"network.outgoing.bytes.rate"

**}**

CollectionName:’network.outgoing.bytes.rate.5min //下行流量汇总/5min

**{**

"\_id"**:**ObjectId**(**"56c12d9fe4b02f464af32b51"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:45:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"Mb/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"network.outgoing.bytes.rate"

**}**

CollectionName:’network.outgoing.bytes.rate.10min //下行流量汇总/10min

**{**

"\_id"**:**ObjectId**(**"56c12ecee4b02f464af32bbb"**),**

"timestamp"**:**ISODate**(**"2016-02-15T01:50:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"Mb/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"network.outgoing.bytes.rate"

**}**

CollectionName:’network.outgoing.bytes.rate.1h //下行流量汇总/1h

**{**

"\_id"**:**ObjectId**(**"56c1312ae4b02f464af32ca4"**),**

"timestamp"**:**ISODate**(**"2016-02-15T02:00:00.000+0000"**),**

"project\_id"**:**"c88acde999b04038b4f0b04397653160"**,**

"count\_unit"**:**"Mb/s"**,**

"vm\_id"**:**"6a73f127-08b7-4886-9097-9c6ce0063e33"**,**

"counter\_volume"**:**0.0**,**

"counter\_name"**:**"network.outgoing.bytes.rate"

**}**

CollectionName:’network.outgoing.bytes.rate.1d //下行流量汇总/1d

**{**

"\_id"**:**ObjectId**(**"5730b4f0e4b0be72bc26b298"**),**

"timestamp"**:**ISODate**(**"2016-05-09T16:00:00.000+0000"**),**

"project\_id"**:**"71a382429d7642878a40e4b8c2982524"**,**

"count\_unit"**:**"Mb/s"**,**

"vm\_id"**:**"f65dea44-c59f-4f13-af28-270fc83b9492"**,**

"counter\_volume"**:**0.000010655726626241851**,**

"counter\_name"**:**"network.outgoing.bytes.rate"

**}**

数据库实例磁盘使用率每分钟指标详情

**volume.used.detail**

{

"\_id" : ObjectId("5730b400e4b0513be22b8fbc"),

"timestamp" : ISODate("2016-05-09T16:00:00.000+0000"), //时间

"instance\_id" : "d9eeca8a-c966-43de-90ca-c219d80b5335", //实例id

"vm\_id" : "d9eeca8a-c966-43de-90ca-c219d80b5335", //实例所在虚拟机id

"project\_id" : "51d3030166ef4e60aca5d9e71d06a22e", //项目id

"user\_id" : "3431ba5510044591bcd22782aaf97f61", //客户id

"counter\_volume" : 1.6333333333333333, //使用率的值

"counter\_unit" : "%", //单位（这里设为%）

"counter\_name" : " volume\_used " //类别

"total" : " 0.9 " //当前磁盘总空间

"used" : " 0.1" //当前磁盘已使用空间

}

**volume.used.3min**

{

"\_id" : ObjectId("573bc91c2d5d409bbb3d62d7"),

"timestamp" : ISODate("2016-05-18T01:45:00.000+0000"),

"project\_id" : "b841e8e3cd1241f2a3caf764839c9269",

"count\_unit" : "%",

"instance\_id" : "d9eeca8a-c966-43de-90ca-c219d80b5335"

"vm\_id" : "d9eeca8a-c966-43de-90ca-c219d80b5335", //实例所在虚拟机id

"counter\_volume" : 0.275,

"counter\_name" : " volume\_used "

}

**volume.used.5min**

{

"\_id" : ObjectId("573bc91f2d5d409bbb3d62f3"),

"timestamp" : ISODate("2016-05-18T01:45:00.000+0000"),

"project\_id" : "a1018b74b65040219fb6967b02ea177d",

"count\_unit" : "%",

"instance\_id" : "d9eeca8a-c966-43de-90ca-c219d80b5335"

"vm\_id" : "d9eeca8a-c966-43de-90ca-c219d80b5335", //实例所在虚拟机id

"counter\_volume" : 0.08333333333333333,

"counter\_name" : " volume\_used "

}

**volume.used.10min**

{

"\_id" : ObjectId("573bca4e2d5d409bbb3d64b0"),

"timestamp" : ISODate("2016-05-18T01:50:00.000+0000"),

"project\_id" : "a1018b74b65040219fb6967b02ea177d",

"count\_unit" : "%",

"instance\_id" : "d9eeca8a-c966-43de-90ca-c219d80b5335"

"vm\_id" : "d9eeca8a-c966-43de-90ca-c219d80b5335", //实例所在虚拟机id

"counter\_volume" : 0.1619047619047619,

"counter\_name" : " volume\_used "

}

**volume.used.1h**

{

"\_id" : ObjectId("573bccaa2d5d409bbb3d685a"),

"timestamp" : ISODate("2016-05-18T02:00:00.000+0000"),

"project\_id" : "a1018b74b65040219fb6967b02ea177d",

"count\_unit" : "%",

"instance\_id" : "d9eeca8a-c966-43de-90ca-c219d80b5335"

"vm\_id" : "d9eeca8a-c966-43de-90ca-c219d80b5335", //实例所在虚拟机id

"counter\_volume" : 0.15588235294117647,

"counter\_name" : " volume\_used "

}

**volume.used.1d**

{

"\_id" : ObjectId("573c92702d5dcfc5803a0b42"),

"timestamp" : ISODate("2016-05-18T16:00:00.000+0000"),

"project\_id" : "b841e8e3cd1241f2a3caf764839c9269",

"count\_unit" : "%",

"instance\_id" : "d9eeca8a-c966-43de-90ca-c219d80b5335"

"vm\_id" : "d9eeca8a-c966-43de-90ca-c219d80b5335", //实例所在虚拟机id

"counter\_volume" : 0.16110107745978824,

"counter\_name" : " volume\_used "

}

负载均衡资源监控指标

**ldpool.monitor.detail**

{

"\_id" : "",

"timestamp" : "", //时间

"pool\_id" : "", //负载均衡id

"mode" : "", //负载均衡模式（0：普通模式；1：主备模式）

"project\_id" : "", //项目id

"member" : "", //成员数量

"master\_member" : "", //主节点个数

"slave\_member " : "", //从节点个数

"exp\_member " : "", //不活跃成员个数

"exp\_master" : "", //不活跃主节点个数

"exp\_salve" : "", //不活跃从节点个数

"exp\_member\_ratio" : "", //不活跃成员百分比

"exp\_master\_ratio" : "", //不活跃主节点百分比

"exp\_salve\_ratio" : "", //不活跃从节点百分比

}

**ldpool.monitor.member.exp:**

负载均衡成员异常信息记录

{

"timestamp" : "", //记录时间

"expTime" : "", //异常时间

"mode" : "", //负载均衡模式（0：普通模式；1：主备模式）

"projectId" : "", //项目id

"memberId" : "", //成员id

"poolId" : "", //负载均衡id

"role " : "", //角色

"healthId" : "", //健康检查id

"expDetails" : "", //健康检查时间

"isRepair" : "", //是否需要修复

"port" : "", //成员端口

"ip" : "", //成员受管子网IP

}

## 索引设计

db**[**'bandwidth.network.incoming.detail'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.bandwidth.network.incoming.detail"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.bandwidth.network.incoming.detail"**,**

"background"**:**true

**}**

**]**

db**[**'bandwidth.network.incoming.summary'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.bandwidth.network.incoming.summary"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.bandwidth.network.incoming.summary"**,**

"background"**:**true

**}**

**]**

db**[**'bandwidth.network.outgoing.detail'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.bandwidth.network.outgoing.detail"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.bandwidth.network.outgoing.detail"**,**

"background"**:**true

**}**

**]**

db**[**'bandwidth.network.outgoing.summary'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.bandwidth.network.outgoing.summary"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.bandwidth.network.outgoing.summary"**,**

"background"**:**true

**}**

**]**

db**[**'cpu\_util.detail'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.cpu\_util.detail"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.cpu\_util.detail"**,**

"background"**:**true

**}**

**]**

db**[**'cpu\_util.3min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.cpu\_util.3min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.cpu\_util.3min"**,**

"background"**:**true

**}**

**]**

db**[**'cpu\_util.5min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.cpu\_util.5min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.cpu\_util.5min"**,**

"background"**:**true

**}**

**]**

db**[**'cpu\_util.10min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.cpu\_util.10min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.cpu\_util.10min"**,**

"background"**:**true

**}**

**]**

db**[**'cpu\_util.1h'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.cpu\_util.1h"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.cpu\_util.1h"**,**

"background"**:**true

**}**

**]**

db**[**'cpu\_util.1d'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.cpu\_util.1d"

**}**

**]**

db**[**'disk.read.bytes.rate.detail'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.read.bytes.rate.detail"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.disk.read.bytes.rate.detail"**,**

"background"**:**true

**}**

**]**

db**[**'disk.read.bytes.rate.3min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.read.bytes.rate.3min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.disk.read.bytes.rate.3min"**,**

"background"**:**true

**}**

**]**

db**[**'disk.read.bytes.rate.5min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.read.bytes.rate.5min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.disk.read.bytes.rate.5min"**,**

"background"**:**true

**}**

**]**

db**[**'disk.read.bytes.rate.10min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.read.bytes.rate.10min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.disk.read.bytes.rate.10min"**,**

"background"**:**true

**}**

**]**

db**[**'disk.read.bytes.rate.1h'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.read.bytes.rate.1h"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.disk.read.bytes.rate.1h"**,**

"background"**:**true

**}**

**]**

db**[**'disk.read.bytes.rate.1h'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.read.bytes.rate.1h"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.disk.read.bytes.rate.1h"**,**

"background"**:**true

**}**

**]**

db**[**'disk.read.bytes.rate.1d'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.read.bytes.rate.1d"

**}**

**]**

db**[**'disk.write.bytes.rate.detail'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.write.bytes.rate.detail"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.disk.write.bytes.rate.detail"**,**

"background"**:**true

**}**

**]**

db**[**'disk.write.bytes.rate.3min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.write.bytes.rate.3min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.disk.write.bytes.rate.3min"**,**

"background"**:**true

**}**

**]**

db**[**'disk.write.bytes.rate.5min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.write.bytes.rate.5min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.disk.write.bytes.rate.5min"**,**

"background"**:**true

**}**

**]**

db**[**'disk.write.bytes.rate.10min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.write.bytes.rate.10min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.disk.write.bytes.rate.10min"**,**

"background"**:**true

**}**

**]**

db**[**'disk.write.bytes.rate.1h'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.write.bytes.rate.1h"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"background"**:**true**,**

"ns"**:**"dev.disk.write.bytes.rate.1h"

**}**

**]**

db**[**'disk.write.bytes.rate.1d'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.disk.write.bytes.rate.1d"

**}**

**]**

db**[**'memory.usage.detail'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.memory.usage.detail"

**}**

**]**

db**[**'memory.usage.3min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.memory.usage.3min"

**}**

**]**

db**[**'memory.usage.5min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.memory.usage.5min"

**}**

**]**

db**[**'memory.usage.10min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.memory.usage.10min"

**}**

**]**

db**[**'memory.usage.1h'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.memory.usage.1h"

**}**

**]**

db**[**'memory.usage.1d'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.memory.usage.1d"

**}**

**]**

db**[**'network.incoming.bytes.rate.detail'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.network.incoming.bytes.rate.detail"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.network.incoming.bytes.rate.detail"**,**

"background"**:**false

**}**

**]**

db**[**'network.incoming.bytes.rate.3min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.network.incoming.bytes.rate.3min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.network.incoming.bytes.rate.3min"**,**

"background"**:**true

**}**

**]**

db**[**'network.incoming.bytes.rate.5min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.network.incoming.bytes.rate.5min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.network.incoming.bytes.rate.5min"**,**

"background"**:**true

**}**

**]**

db**[**'network.incoming.bytes.rate.10min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.network.incoming.bytes.rate.10min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"background"**:**true**,**

"ns"**:**"dev.network.incoming.bytes.rate.10min"

**}**

**]**

db**[**'network.incoming.bytes.rate.1h'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.network.incoming.bytes.rate.1h"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.network.incoming.bytes.rate.1h"**,**

"background"**:**true

**}**

**]**

db**[**'network.incoming.bytes.rate.1d'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.network.incoming.bytes.rate.1d"

**}**

**]**

db**[**'network.outgoing.bytes.rate.detail'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.network.outgoing.bytes.rate.detail"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"background"**:**true**,**

"ns"**:**"dev.network.outgoing.bytes.rate.detail"

**}**

**]**

db**[**'network.outgoing.bytes.rate.3min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.network.outgoing.bytes.rate.3min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.network.outgoing.bytes.rate.3min"**,**

"background"**:**true

**}**

**]**

db**[**'network.outgoing.bytes.rate.5min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.network.outgoing.bytes.rate.5min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.network.outgoing.bytes.rate.5min"**,**

"background"**:**true

**}**

**]**

db**[**'network.outgoing.bytes.rate.10min'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.network.outgoing.bytes.rate.10min"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.network.outgoing.bytes.rate.10min"**,**

"background"**:**true

**}**

**]**

db**[**'network.outgoing.bytes.rate.1h'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.network.outgoing.bytes.rate.1h"

**},**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"timestamp"**:**NumberInt**(**-1**)**

**},**

"name"**:**"idx\_timestamp"**,**

"ns"**:**"dev.network.outgoing.bytes.rate.1h"**,**

"background"**:**true

**}**

**]**

db**[**'network.outgoing.bytes.rate.1d'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.network.outgoing.bytes.rate.1d"

**}**

**]**

db**[**'volume.used.detail'**]**.ensureIndex**({**"timestamp"**:**1**});**//磁盘使用率详情集合

db**[**'volume.used.detail'**]**.ensureIndex**({**"vm\_id"**:**1**});** //磁盘使用率详情集合

db**[**'volume.used.3min'**]**.ensureIndex**({**"timestamp"**:**1**});** //磁盘使用率3min汇总

db**[**'volume.used.5min'**]**.ensureIndex**({**"timestamp"**:**1**});** //磁盘使用率5min汇总

db**[**'volume.used.10min'**]**.ensureIndex**({**"timestamp"**:**1**});** //磁盘使用率10min汇总

db**[**'volume.used.1h'**]**.ensureIndex**({**"timestamp"**:**1**});** //磁盘使用率1h汇总

db**[**'volume.used.1d'**]**.ensureIndex**({**"timestamp"**:**1**});** //磁盘使用率1d汇总

db**[**'volume.used.3min'**]**.ensureIndex**({**"vm\_id"**:**1**});** //磁盘使用率3min汇总

db**[**'volume.used.5min'**]**.ensureIndex**({**"vm\_id"**:**1**});** //磁盘使用率5min汇总

db**[**'volume.used.10min'**]**.ensureIndex**({**"vm\_id"**:**1**});** //磁盘使用率10min汇总

db**[**'volume.used.1h'**]**.ensureIndex**({**"vm\_id"**:**1**});** //磁盘使用率1h汇总

db**[**'volume.used.1d'**]**.ensureIndex**({**"vm\_id"**:**1**});** //磁盘使用率1d汇总

db**[**'ldpool.monitor.detail'**]**.ensureIndex**({**"timestamp"**:**1**});** //负载均衡指标详情集合

db**[**'ldpool.monitor.detail'**]**.ensureIndex**({**"ldPoolId"**:**1**});** //负载均衡指标详情集合

db**[**'ldpool.monitor.member.exp'**]**.ensureIndex**({**"poolId"**:**1**});** //负载均衡成员异常记录集合

# Schedule日志

## 使用场景

Schedule执行日志

## CollectionName和数据举例

CollectionName:’log.schedule’

**{**

"\_id"**:**ObjectId**(**"57cce9abe4b00e8d3083b923"**),**

"startDate"**:**ISODate**(**"2016-09-05T03:42:35.014+0000"**),**

"excType"**:**"0"**,**

"errorMsg"**:**""**,**

"takeTime"**:**NumberLong**(**4**),**

"isSuccess"**:**true**,**

"jobName"**:**"cloudLdMemberJob"**,**

"triggerName"**:**"cloudLdMemberTrigger",

"taskName"**:**"",

"beanName"**:**"",

"methodName"**:**"",

"jobStartTime"**:**

**}**

## 索引设计

db**[**'log.schedule'**]**.getIndexes**();**

**[**

**{**

"v"**:**NumberInt**(**1**),**

"key"**:{**

"\_id"**:**NumberInt**(**1**)**

**},**

"name"**:**"\_id\_"**,**

"ns"**:**"dev.log.schedule"

**}**

**]**

# 后付费计费失败日志

## 使用场景

各后付费资源计费失败，会将这条计费清单记录内容及何时失败，记录到MongoDB中备查。

## CollectionName和数据举例

CollectionName:’log.charge.failed’

**{**

**"\_id"**: ObjectId("57e4ec4bf01bf0b91e253ab5")**,**

**"billingFactorStr"**: "{"dcId":"1604271035270","ipCount":1,"number":1,"payType":"2"}"**,**

**"opTime"**: null**,**

**"datecenterId"**: "1604271035270"**,**

**"param"**: null**,**

**"changeTime"**: null**,**

**"cusId"**: "4028909551a8e5d30151a8e851e30009"**,**

**"resourceType"**: "5"**,**

**"timestamp"**: ISODate("2016-09-23T08:48:11.339Z")**,**

**"id"**: "4028908f574ffef701574fff2613000c"**,**

**"resourceStatus"**: "1"**,**

**"resourceId"**: "20cb0449-9123-4e95-b514-5be0b1ba3a07"**,**

**"chargeFrom"**: ISODate("2016-09-23T08:00:00.000Z")**,**

**"orderNumber"**: "012016092100000076"**,**

**"isValid"**: "1"**,**

**"resourceName"**: null

**}**

## 索引设计

db.getCollection('log.charge.failed').getIndexes();

[

{

"v" : 1,

"key" : {

"\_id" : 1

},

"name" : "\_id\_",

"ns" : "dev.log.charge.failed"

},

{

"v" : 1,

"key" : {

"timestamp" : -1.0

},

"name" : "timestamp\_-1",

"ns" : "dev.log.charge.failed"

}

]

索引创建命令：

db.getCollection('log.charge.failed').ensureIndex({"timestamp":-1});

# 系统计划任务漏跑信息日志

## 使用场景

系统计划任务漏跑信息记录日志

## CollectionName和数据举例

CollectionName:’schedule.lost.job’

**{**

**"\_id" : ObjectId("57fc4d7c82aa46361ec3c4a1"),**

**"jobName" : "TestJob",**

**"jobDate" : ISODate("2016-10-11T02:25:00.002Z"),**

**"cron" : "0/10 \* \* \* \* ? \*",**

**"cycleTime" : NumberLong(10000),**

**"firstTime" : "2016-10-11 10:15:30",**

**"endTime" : "2016-10-11 10:24:50",**

**"number" : 57**

**}**

## 索引设计

db.getCollection(‘schedule.lost.job’).getIndexes();

[

{

"v" : 1,

"key" : {

"\_id" : 1

},

"name" : "\_id\_",

"ns" : "dev.scheduleLostJobMongoInfo"

},

{

"v" : 1,

"key" : {

"jobName" : 1,

"firstTime" : 1,

"endTime" : 1

},

"name" : "jobName\_1\_firstTime\_1\_endTime\_1",

"ns" : "dev.scheduleLostJobMongoInfo"

}

]

# API访问基础信息日志

## 使用场景

客户每一次访问API服务，不论场景如何：失败或者成功、或者不同IP、不同请求服务等，都需要将访问的基本信息记录到Mongo中进行保存，且需要通过脚本实现六个月数据自动删除的功能。

## CollectionName和数据举例

CollectionName:’api.service.log’

{

"\_id" : ObjectId("58732883e788023c1eb95ba3"),

"resourceTypeNodeId" : "0016001001001",

"apiNameNodeId" : "0016001001001008",

"operatorId" : "402890c0582844f7015828ce80ed0000",

"createTime" : ISODate("2017-01-09T06:06:59.922Z"),

"status\_time" : ISODate("2017-01-09T06:07:00.657Z"),

"status" : "1",

"takeTime" : NumberLong(735),

"regionId" : "1604271035270",

"ip" : "127.0.0.1",

"requestBody" : "{\"Memory\":\"2\",\"Region\":\"wuli11-777\",\"Action\":\"ResizeInstance\",\"AccessKey\":\"MVWS3R5JAQ9KCLD48LC3\",\"InstanceId\":\"6e82e756-3729-4891-ab5a-2c64b4ee2040\",\"CPU\":\"2\",\"Signature\":\"mr9VVl3TrCVCQ0vjUGrM1m74WAk=\",\"Timestamp\":\"2017-01-09T06:06:59Z\"}",

"version" : "V1"

}

## 索引设计

db.getCollection(‘api.service.log’).getIndexes();

[

{

"v" : 1,

"key" : {

"***createTime***" : 1

},

"name" : "createTime\_1",

"ns" : "dev.api.service.log"

}

]

# API资源监控实时数据记录信息

## 使用场景

API资源监控服务依赖于一个特定的系统计划任务去执行，资源监控服务每分钟都会去监控各个不同的维度请求服务的指标数据，前台页面需要展示这些实时数据，报警管理需要依赖这些数据，所以需要将其放入Mongo中保存起来。

## CollectionName和数据举例

CollectionName:’api.monitor.data’

{

"\_id" : ObjectId("585cf7f8e993aa710a6dc660"),

"cusId" : "402890a8549384fc015493fbecbc000d",

"ip" : "127.0.0.1",

"region" : "1509211142230",

"availability" : 100,

"correct" : 100,

"requestsNumber" : NumberLong(1),

"avgdealTime" : 82,

"timestamp" : ISODate("2016-12-23T10:10:00.025Z"),

"availabilityfz" : NumberLong(1),

"correctfz" : NumberLong(1),

"avgDealTimefz" : NumberLong(82),

"availabilityChange" : 1,

"correctChange" : 0,

"requestsNumberChange" : -1,

"avgdealTimeChange" : 0

}

## 索引设计

db.getCollection(‘api.monitor.data’).getIndexes();

[

{

"v" : 1,

"key" : {

"***timestamp***" : 1

},

"name" : "timestamp\_1",

"ns" : "dev.api.monitor.data"

}

]

# CDN接口调用日志

## 使用场景

记录每次调用CDN接口的日志。

## CollectionName和数据举例

log.api.cdn

{

"\_id" **:** ObjectId**(**"5833c51ae4b0fb359fa673b4"**),**

"message" **:** "Succeed in get statistics."**,**

"timestamp" **:** ISODate**(**"2016-11-22T04:10:02.702+0000"**),**

"statusCode" **:** NumberInt**(**200**),**

"requestBody" **:** null**,**

"operation" **:** "QUERY\_BANDWIDTH"**,**

"status" **:** "1"**,**

"domainId" **:** "i0s8btl6dco4fcal"**,**

"provider" **:** "UpYun"**,**

"URL" **:** "https://api.upyun.com/v2/statistics/?bucket\_name=i0s8btl6dco4fcal&start\_time=2016-11-22%2011:00:00&end\_time=2016-11-22%2012:00:00"**,**

"bucketName" **:** null

}

## 索引设计

db**[**'log.api.cdn'**]**.getIndexes**();**

**[**

**{**

"v" **:** NumberInt**(**1**),**

"key" **:** **{**

"\_id" **:** NumberInt**(**1**)**

**},**

"name" **:** "\_id\_"**,**

"ns" **:** "dev.log.api.cdn"

**},**

**{**

"v" **:** NumberInt**(**1**),**

"key" **:** **{**

"timestamp" **:** NumberInt**(**-1**)**

**},**

"name" **:** "idx\_timestamp"**,**

"ns" **:** "dev.log.api.cdn"

**}**

**]**

# DNS接口调用日志

## 使用场景

记录每次调用DNS接口的日志。

## CollectionName和数据举例

log.api.dns

**{**

"\_id" **:** ObjectId**(**"5850ad241f61fc934595b6b6"**),**

"timestamp" **:** ISODate**(**"2016-12-14T02:23:32.326+0000"**),**

"recordId" **:** "3159609169055744"**,**

"operation" **:** "CREATE\_RECORD"**,**

"status" **:** "1"**,**

"responseBody" **:** **{**

"RecordId" **:** "3159609169055744"**,**

"RequestId" **:** "9362E5F0-948D-486F-8529-4F65D6AC8F90"

**},**

"domainName" **:** "v3wy8qxv59r5zops"**,**

"URL" **:** "http://alidns.aliyuncs.com/?&AccessKeyId=sSUkOaCS6N4RaP7n&Action=AddDomainRecord&DomainName=eayun.com&Format=JSON&Line=default&RR=oss-1214.data&Signature=%2BTDYnHc%2BSPXBVGnhntWu6US5BM8%3D&SignatureMethod=HMAC-SHA1&SignatureNonce=2bd2ea51-091a-47d5-b45e-0204a9d85292&SignatureVersion=1.0&TTL=600&Timestamp=2016-12-14T02%3A23%3A31Z&Type=CNAME&Value=v3wy8qxv59r5zops.b0.aicdn.com&Version=2015-01-09"**,**

"bucketName" **:** "oss-1214"

**}**

## 索引设计

db**[**'log.api.dns'**]**.getIndexes**();**

[

{

"v" : NumberInt(1),

"key" : {

"\_id" : NumberInt(1)

},

"name" : "\_id\_",

"ns" : "dev.log.api.dns"

},

{

"v" : NumberInt(1),

"key" : {

"timestamp" : NumberInt(-1)

},

"name" : "idx\_timestamp",

"ns" : "dev.log.api.dns"

}

]