接口文档

版本：V1.0

变更日志

|  |  |  |
| --- | --- | --- |
| 日期 | 操作 | 操作人 |
| 2016-09-23 | 文档创建 | 金程晨 |
| 2016-09-29 | 增加用户相关接口  增加CDS分组相关接口  整体格式化  内容交付-概览中-资源热榜http和mobile新增资源类型  技术要求调整 | 金程晨 |
| 2016-29-30 | 首页-概览接口调整  时间参数里面timenode调整为timemode | 金程晨 |
| 2016-10-9 | 时间参数中timemode修改  总览中的服务流速算法调整  cds列表信息接口增加rhelp字段  cds列表信息接口增加update\_time字段  总览，分cp服务流速计算方式变更  cds详情接口算法变更 | 金程晨 |
| 2016-10-10 | 接口的算法及实现描述补充 | 金程晨 |
| 2016-10-12 | cds在线状态判断修改 | 金程晨 |

## 名词声明及其他解释

**时间参数**：时间参数包含四个参数，timenode会覆盖starttime和endtime参数，timenode参数和starttime，endtime参数，必须存在一个

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数名 | 说明 | 参考值 | 必填 | 备注 |
| timemode | 预定义的时间标记 | 1，2，3，4，5 | 否 | 1：最近24小时  2：昨天  3：上周  4：近7天  5：最近30天  6：上月 |
| starttime | 自定义时间的开始时间 | 2016-09-18 | 否 |  |
| endtime | 自定义时间的结束时间 | 2016-09-18 | 否 |  |
| duration | 时间间隔 | minutely，hourly，daily | 是 | minutely:时间间隔5分钟  hourly:时间间隔一个小时  daily:时间间隔一天 |

数据响应:

所有接口数据响应遵循如下规范

1、所有接口响应数据格式为application/json

2、内容格式为{"code":1,"result":null,"data":""}

|  |  |  |  |
| --- | --- | --- | --- |
| 字段名 | 字段含义 | 说明 | 是否一定存在 |
| code | 响应内容代码 | 1：成功，0：失败 | 是 |
| result | 响应内容 | 成功或者失败的具体原因 | 是 |
| data | 附加数据 | 对于请求数据的接口，所有数据都在data字段中 | 否 |

### 一、总览

备注:

接口涉及到的同比，环比在自定义时间下无效，页面隐藏

#### 1、技术要求:

##### 1）cloud\_web\_v2库下创建临时表\_feedback\_history

CREATE TABLE IF NOT EXISTS `\_feedback\_history` (

`ctime` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '记录写入时间',

`sn` varchar(13) NOT NULL,

`online` int(10) unsigned NOT NULL COMMENT '在线人数',

`hit` int(10) unsigned NOT NULL,

`cache` int(10) unsigned NOT NULL,

`service` int(10) unsigned NOT NULL,

`monitor` int(10) unsigned NOT NULL,

`cpu\_used` int(10) unsigned NOT NULL,

`cpu\_type` varchar(64) NOT NULL,

`mem\_size` int(10) unsigned NOT NULL,

`mem\_used` int(10) unsigned NOT NULL,

`sys\_disk\_size` bigint(20) unsigned NOT NULL,

`sys\_disk\_used` int(10) unsigned NOT NULL,

`data\_disk\_size` bigint(20) unsigned NOT NULL,

`data\_disk\_used` int(10) unsigned NOT NULL,

`data\_disk\_status` tinyint(3) unsigned NOT NULL,

`disk\_detail` text NOT NULL,

`cache\_legacy` bigint(20) unsigned NOT NULL,

`service\_legacy` bigint(20) unsigned NOT NULL,

`start\_time` datetime NOT NULL,

`cache\_status` varchar(16) NOT NULL,

`license\_type` varchar(16) NOT NULL,

`model` varchar(16) NOT NULL,

`license\_start\_date` date NOT NULL,

`license\_end\_date` date NOT NULL,

`version` varchar(16) NOT NULL,

`network` tinyint(3) unsigned NOT NULL,

`network\_detail` text NOT NULL,

`cache\_cfg` text NOT NULL,

`update\_time` datetime NOT NULL,

`create\_time` datetime NOT NULL,

`rhelp` varchar(255) NOT NULL DEFAULT '',

`err\_mask` int(10) unsigned NOT NULL,

`err\_time` datetime NOT NULL,

KEY `ctime\_sn` (`ctime`,`sn`)

) ENGINE=myisam DEFAULT CHARSET=utf8;

##### 2）ordoac.feedback表增加触发器

CREATE TRIGGER `on\_update\_copy\_to\_history` BEFORE UPDATE ON `feedback`

FOR EACH ROW if new.update\_time!=old.update\_time then

insert into

cloud\_web\_v2.\_feedback\_history

select

now(),

sn,

online,

hit,

cache,

service,

monitor,

cpu\_used,

cpu\_type,

mem\_size,

mem\_used,

sys\_disk\_size,

sys\_disk\_used,

data\_disk\_size,

data\_disk\_used,

data\_disk\_status,

disk\_detail,

cache\_legacy,

service\_legacy,

start\_time,

cache\_status,

license\_type,

model,

license\_start\_date,

license\_end\_date,

version,

network,

network\_detail,

cache\_cfg,

update\_time,

create\_time,

rhelp,

err\_mask,

err\_time

from ordoac.feedback where feedback.sn=old.sn;

end if

##### 3）cdn\_traffic\_stat表增加索引

ALTER TABLE `cds\_v2`.`cdn\_traffic\_stat` ADD INDEX `make\_time\_sn` (`make\_time`, `sn`) USING BTREE;

#### 2、请求参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | /index.php?c=main&a=overview | | | |
| 参数名 | 参数类型 | 必填 | 默认值 | 备注 |
| 时间参数 |  | 是 |  | 参考名词声明 |

#### 3、响应参数说明

注:在返回接口中，除了最近24小时，昨天，上周外没有环比和同比数据，返回内容是null

|  |  |  |
| --- | --- | --- |
| cds | 在线CDS数量 |  |
| cds-max-current | 在线CDS数量峰值 |  |
| cds-max- linkRatio | 在线CDS数量峰值环比 | 0.2 = 20% |
| cds-max- sameRatio | 在线CDS数量峰值同比 | 0.2 = 20% |
| cds-detail | 时间段内CDS在线数量 |  |
| user | 同时在线用户数 |  |
| user-max-current | 同时在线用户数峰值 |  |
| user-max-linkRatio | 同时在线用户数环比 | 0.2=20% |
| user-max-sameRatio | 同时在线用户数同比 | 0.2=20% |
| user-detail | 时间段内用户在线数量 |  |
| service\_max | 服务流速 |  |
| service\_max-max-current | 服务流速峰值 |  |
| service\_max-max-linkRatio | 服务流速峰值环比 | 0.2=20% |
| service\_max-max-sameRatio | 服务流速峰值同比 | 0.2=20% |
| cp\_service | 分CP流量堆叠 |  |
| cp\_service-detail | 分CP流量堆叠 |  |
| service\_sum | 服务流量 |  |
| service\_sum-max-current | 服务流量峰值 |  |
| service\_sum-max-linkRatio | 服务流量峰值环比 | 0.2=20% |
| service\_sum-max-sameRatio | 服务流量峰值同比 | 0.2=20% |

#### 4、响应参数示例:

{

"code": 1,

"result": null,

"data": {

"cds": {

"max": {

"current": 178,

"linkRatio": null,

"sameRatio": null

},

"detail": {

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},

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"2016-09-18 17:00:00": 1655482,

"2016-09-18 18:00:00": 1553346,

"2016-09-18 19:00:00": 1688755,

"2016-09-18 20:00:00": 1644333,

"2016-09-18 21:00:00": 1694697,

"2016-09-18 22:00:00": 1203278,

"2016-09-18 23:00:00": 1855884

}

}

},

"service\_sum": {

"max": {

"current": 75685026,

"linkRatio": null,

"sameRatio": null

}

}

}

}

#### 5、算法及实现

##### 1）CDS在线状态判断

对应的SN在相应的时间段内有数据存在feedbackHistory表中，用ctime判断，

##### 2）在线用户数

取同时间段内不同sn的最大online数字，然后做累加

##### 3）服务流速

traffic\_stat表中的按照时间段取出所有service。cdn\_traffic\_stat取出时间段内的所有数值。按照相同的时间把相同时间的service相加，取出其中最大的一个数字作为流速数字

##### 4）累计服务流量

整体时间段内operation\_stat表中make\_time在整体时间段内的service\_size累加

##### 5）分CP服务流速

operation\_stat表中分时间段，根据category分组累加service\_size，取出前9个category,class

取出operation\_stat中时间段内的所有记录，然后根据category和class进行分类，在9个category用分类名，否则全使用其他作为名称

取出2）服务流速，进行占比计算

### 二、节点管理-CDS列表

#### 1、技术要求

#### 2、请求参数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | /index.php?c=node&a=cds | | | |
| 参数名 | 参数类型 | 必填 | 默认值 | 备注 |
| group | int | 否 | 全部分组 | 分组id |
| start | int | 否 | 0 | 开始下标 |
| length | int | 否 | 10 | 数据长度 |
| order | string | 否 | status | 按照哪个属性排序 |
| by | string | 否 | asc | 排序方式，asc正序，desc倒序 |

#### 3、响应参数

|  |  |  |
| --- | --- | --- |
| total | 数据总数量 |  |
| data | cds列表数据 |  |
| data-sn | 设备SN号 |  |
| data-company | CDS设备名称 |  |
| data-status | CDS在线状态 |  |
| data-online | 活跃用户数 |  |
| data-cache | 回源流速，kbp/s |  |
| data-service | 服务速率,kbp/s |  |
| data-monitor | 镜像速率,kbp/s |  |
| data-cpu\_used | cpu使用率 | 68=68% |
| data-mem\_used | 内存使用率 | 68=68% |
| data-sys\_disk\_used | 系统盘使用率 | 68=68% |
| data-data\_disk\_used | 数据盘使用率 | 68=68% |
| data-network | 网卡状态 |  |
| data-version | 系统版本号 |  |
| data-disk\_detail | 硬盘详情 |  |
| data-network\_detail | 网卡详情 |  |
| data-max\_online | 最大活跃人数 | kbp/s |
| data-max\_cache | 最大回源流速 | kbp/s |
| data-max\_service | 最大服务流速 | kbp/s |
| data-max\_monitor | 最大镜像流速 | kbp/s |
| data-max\_cpu\_used | 最大cpu使用率 | 68=68% |
| data-max\_mem\_used | 最大内存使用率 | 68=68% |
| data-max\_sys\_disk\_used | 最大系统盘使用率 | 68=68% |
| data-max\_data\_disk\_used | 最大数据盘使用率 | 68=68% |
| data-sub\_vpe | 子节点信息 |  |
| data-sub\_vpe-cache | 子节点的缓存速率 | kpbs |
| data-sub\_vpe- service | 子节点的服务速率 | kpbs |
| data-sub\_vpe-cpu | 子节点cpu使用率 | 34=34% |
| data-sub\_vpe-mem | 子节点内存使用率 | 25=25% |
| data-rhelp | cds登陆信息 | 第一个https，第个二http，第三个ssh有可能为空字符串 |
| data-update\_time | 上次数据更新时间 |  |
| start | 请求的start参数 |  |
| length | 请求的length参数 |  |

#### 4、响应参数示例

{

"code": 1,

"result": "ok",

"data": {

"total": "85",

"data": [

{

"sn": "CAS0530000002",

"company": "福建师范大学",

"status": "在线",

"online": "0",

"cache": "0",

"service": "0",

"monitor": "0",

"cpu\_used": "1",

"mem\_used": "67",

"sys\_disk\_used": "24",

"data\_disk\_used": "68",

"data\_disk\_status": "0",

"network": "1",

"version": "7.4.1",

"disk\_detail": [

{

"rs": "6.82",

"status": 0,

"name": "系统盘",

"ws": "16.25",

"size": "114GB",

"util": "3.14%",

"used": "24%",

"await": "10.09ms"

},

{

"rs": "45.83",

"status": 0,

"name": "1(硬盘)",

"ws": "1.97",

"size": "3.0TB",

"util": "16.03%",

"used": "68%",

"await": "4.76ms"

},

{

"rs": "44.50",

"status": 0,

"name": "2(硬盘)",

"ws": "1.97",

"size": "3.0TB",

"util": "15.28%",

"used": "68%",

"await": "1.23ms"

},

{

"rs": "45.00",

"status": 0,

"name": "3(硬盘)",

"ws": "1.94",

"size": "3.0TB",

"util": "15.52%",

"used": "68%",

"await": "2.50ms"

},

{

"rs": "45.17",

"status": 0,

"name": "4(硬盘)",

"ws": "1.95",

"size": "3.0TB",

"util": "15.63%",

"used": "68%",

"await": "2.79ms"

}

],

"network\_detail": [

{

"recev": "36.6T",

"inter\_type": "千兆电口",

"bond\_name": "bond0",

"inter\_name": "eth0",

"trans": "444.5T",

"link\_speed": "1000Mb/s",

"link\_status": "yes"

},

{

"recev": "0",

"inter\_type": "千兆电口",

"bond\_name": "",

"inter\_name": "eth1",

"trans": "0",

"link\_speed": "Unknown!",

"link\_status": "no"

},

{

"recev": "550.0T",

"inter\_type": "万兆光口",

"bond\_name": "监控口",

"inter\_name": "eth2",

"trans": "2.0K",

"link\_speed": "Unknown!",

"link\_status": "no"

},

{

"recev": "567.5T",

"inter\_type": "万兆光口",

"bond\_name": "监控口",

"inter\_name": "eth3",

"trans": "1.8K",

"link\_speed": "Unknown!",

"link\_status": "no"

}

],

"max\_online": "0",

"max\_cache": "0",

"max\_service": "0",

"max\_monitor": "0",

"max\_cpu\_used": "1",

"max\_mem\_used": "67",

"max\_sys\_disk\_used": "24",

"max\_data\_disk\_used": "68",

"sub\_vpe": [

{

"sn": "CAS0530000002",

"name": "192.168.1.89",

"cache": 0,

"service": 0,

"cpu": 0,

"mem": 0

}

]

},

{

"sn": "CAS0530000009",

"company": "湖南电子科技职业学院",

"status": "在线",

"online": "806",

"cache": "13",

"service": "112",

"monitor": "174",

"cpu\_used": "3",

"mem\_used": "13",

"sys\_disk\_used": "3",

"data\_disk\_used": "64",

"data\_disk\_status": "0",

"network": "0",

"version": "8.3.0",

"disk\_detail": [

{

"rs": "1.15",

"status": 0,

"name": "系统盘",

"ws": "7.43",

"size": "291GB",

"util": "1.79%",

"used": "3%",

"await": "20.23ms"

},

{

"rs": "13.28",

"status": 0,

"name": "1(硬盘)",

"ws": "1.93",

"size": "2.0TB",

"util": "2.80%",

"used": "64%",

"await": "11.82ms"

},

{

"rs": "12.76",

"status": 0,

"name": "2(硬盘)",

"ws": "1.92",

"size": "2.0TB",

"util": "2.72%",

"used": "64%",

"await": "12.11ms"

},

{

"rs": "13.30",

"status": 0,

"name": "3(硬盘)",

"ws": "1.92",

"size": "2.0TB",

"util": "2.72%",

"used": "64%",

"await": "11.43ms"

},

{

"rs": "12.39",

"status": 0,

"name": "4(硬盘)",

"ws": "1.87",

"size": "2.0TB",

"util": "2.65%",

"used": "64%",

"await": "12.68ms"

}

],

"network\_detail": [

{

"recev": "4.0T",

"inter\_type": "千兆电口",

"bond\_name": "bond0",

"inter\_name": "eth0",

"trans": "18.9T",

"link\_speed": "1000Mb/s",

"link\_status": "yes"

},

{

"recev": "49.0T",

"inter\_type": "千兆电口",

"bond\_name": "监控口",

"inter\_name": "eth1",

"trans": "492",

"link\_speed": "1000Mb/s",

"link\_status": "yes"

},

{

"recev": "0",

"inter\_type": "千兆电口",

"bond\_name": "",

"inter\_name": "eth2",

"trans": "0",

"link\_speed": "Unknown!",

"link\_status": "no"

},

{

"recev": "0",

"inter\_type": "千兆电口",

"bond\_name": "",

"inter\_name": "eth3",

"trans": "0",

"link\_speed": "Unknown!",

"link\_status": "no"

},

{

"recev": "0",

"inter\_type": "千兆电口",

"bond\_name": "",

"inter\_name": "eth4",

"trans": "0",

"link\_speed": "Unknown!",

"link\_status": "no"

},

{

"recev": "0",

"inter\_type": "千兆电口",

"bond\_name": "",

"inter\_name": "eth5",

"trans": "0",

"link\_speed": "Unknown!",

"link\_status": "no"

}

],

"max\_online": "806",

"max\_cache": "13",

"max\_service": "112",

"max\_monitor": "174",

"max\_cpu\_used": "3",

"max\_mem\_used": "13",

"max\_sys\_disk\_used": "3",

"max\_data\_disk\_used": "64",

"sub\_vpe": []

}

],

"start": 0,

"length": 2

}

}

#### 5、算法及实现

##### 1）节点列表

从user\_info表和feedback表join后的数据表

##### 2）24小时内的最大值

从feedbackHistory表中的最大数据然后和当前对比

##### 3）子节点信息

先cdn\_node\_stat表中存在，然后再cdn\_traffic\_stat表中找最近一次更新的值

### 三、节点管理-CDS详情

#### 1、技术要求

#### 2、请求参数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | /index.php?c=node&a=detail | | | |
| 参数名 | 参数类型 | 必填 | 默认值 | 备注 |
| sn | string | 是 |  | cds的sn号 |

#### 3、响应参数说明

|  |  |  |
| --- | --- | --- |
| info | CDS基本信息 |  |
| info-sn | SN |  |
| info-company | CDS名称 |  |
| info-status | 离线状态 |  |
| info-data\_disk\_status | 数据盘状态 |  |
| info-network | 网卡状态 |  |
| info-version | 系统版本 |  |
| info-cpu\_type | cpu类型 |  |
| info-mem\_size | 内存大小 |  |
| info-sys\_disk\_size | 系统盘大小 |  |
| info-data\_disk\_size | 数据盘大小 |  |
| online\_user | 最近24小时用户数量 | 每小时 |
| speed | 最近24小时的速率 | 每小时 |
| speed-service | 最近24小时的服务速率 | kbps |
| speed-cache | 最近24小时的回源速率 | kbps |
| speed-monitor | 最近24小时的镜像速率 | kbps |
| speed-sys\_disk\_used | 最近24小时的系统盘使用 | 最大，20=20% |
| speed-data\_disk\_used | 最近24小时的数据盘使用 | 最大，20=20% |
| speed-mem\_used | 最近24小时的内存使用 | 最大，20=20% |
| speed-cpu\_used | 最近24小时的cpu使用 | 最大，20=20% |
| run\_report | 最近30天的运行报告 |  |
| run\_report- max\_service | 服务流速最大值 |  |
| run\_report- max\_cache | 回源流速的最大值 |  |
| run\_report- sum\_service | 累计服务流量 |  |
| run\_report- sum\_cache | 累计回源流量 |  |
| run\_report- hit\_user | 服务用户最大值 |  |
| run\_report-online | 活跃用户最大值 |  |
| run\_report- user\_percent | 服务用户/活跃用户 |  |
| run\_report- max\_service\_user | 服务流速最大值/服务用户最大 |  |
| run\_report- service\_cache | 累计服务/累计回源 |  |
| run\_report- capture\_avg | 抓包次数 |  |
| run\_report- redirect\_avg | 重定向次数 |  |

#### 4、响应数据示例：

{

"code": 1,

"result": "ok",

"data": {

"info": {

"sn": "CAS0530000002",

"company": "福建师范大学",

"status": "离线",

"data\_disk\_status": "0",

"network": "1",

"version": "7.4.1",

"cpu\_type": "Intel(R) Xeon(R) CPU E3-1275 v3 @ 3.50GHz",

"mem\_size": "15.6406GB",

"sys\_disk\_size": "114GB",

"data\_disk\_size": "12TB"

},

"online\_user": {

"2016-09-26 10:00:00": 0,

"2016-09-26 11:00:00": 0,

"2016-09-26 12:00:00": 0,

"2016-09-26 13:00:00": 0,

"2016-09-26 14:00:00": 0,

"2016-09-26 15:00:00": 0,

"2016-09-26 16:00:00": 0,

"2016-09-26 17:00:00": 0,

"2016-09-26 18:00:00": 0,

"2016-09-26 19:00:00": 0,

"2016-09-26 20:00:00": 0,

"2016-09-26 21:00:00": 0,

"2016-09-26 22:00:00": 0,

"2016-09-26 23:00:00": 0,

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0

},

"speed": {

"service": {

"2016-09-26 10:00:00": 0,

"2016-09-26 11:00:00": 0,

"2016-09-26 12:00:00": 0,

"2016-09-26 13:00:00": 0,

"2016-09-26 14:00:00": 0,

"2016-09-26 15:00:00": 0,

"2016-09-26 16:00:00": 0,

"2016-09-26 17:00:00": 0,

"2016-09-26 18:00:00": 0,

"2016-09-26 19:00:00": 0,

"2016-09-26 20:00:00": 0,

"2016-09-26 21:00:00": 0,

"2016-09-26 22:00:00": 0,

"2016-09-26 23:00:00": 0,

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0

},

"cache": {

"2016-09-26 10:00:00": 0,

"2016-09-26 11:00:00": 0,

"2016-09-26 12:00:00": 0,

"2016-09-26 13:00:00": 0,

"2016-09-26 14:00:00": 0,

"2016-09-26 15:00:00": 0,

"2016-09-26 16:00:00": 0,

"2016-09-26 17:00:00": 0,

"2016-09-26 18:00:00": 0,

"2016-09-26 19:00:00": 0,

"2016-09-26 20:00:00": 0,

"2016-09-26 21:00:00": 0,

"2016-09-26 22:00:00": 0,

"2016-09-26 23:00:00": 0,

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0

},

"monitor": {

"2016-09-26 10:00:00": 0,

"2016-09-26 11:00:00": 0,

"2016-09-26 12:00:00": 0,

"2016-09-26 13:00:00": 0,

"2016-09-26 14:00:00": 0,

"2016-09-26 15:00:00": 0,

"2016-09-26 16:00:00": 0,

"2016-09-26 17:00:00": 0,

"2016-09-26 18:00:00": 0,

"2016-09-26 19:00:00": 0,

"2016-09-26 20:00:00": 0,

"2016-09-26 21:00:00": 0,

"2016-09-26 22:00:00": 0,

"2016-09-26 23:00:00": 0,

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0

},

"sys\_disk\_used": {

"2016-09-26 10:00:00": 0,

"2016-09-26 11:00:00": 0,

"2016-09-26 12:00:00": 0,

"2016-09-26 13:00:00": 0,

"2016-09-26 14:00:00": 0,

"2016-09-26 15:00:00": 0,

"2016-09-26 16:00:00": 0,

"2016-09-26 17:00:00": 0,

"2016-09-26 18:00:00": 0,

"2016-09-26 19:00:00": 0,

"2016-09-26 20:00:00": 0,

"2016-09-26 21:00:00": 0,

"2016-09-26 22:00:00": 0,

"2016-09-26 23:00:00": 0,

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0

},

"data\_disk\_used": {

"2016-09-26 10:00:00": 0,

"2016-09-26 11:00:00": 0,

"2016-09-26 12:00:00": 0,

"2016-09-26 13:00:00": 0,

"2016-09-26 14:00:00": 0,

"2016-09-26 15:00:00": 0,

"2016-09-26 16:00:00": 0,

"2016-09-26 17:00:00": 0,

"2016-09-26 18:00:00": 0,

"2016-09-26 19:00:00": 0,

"2016-09-26 20:00:00": 0,

"2016-09-26 21:00:00": 0,

"2016-09-26 22:00:00": 0,

"2016-09-26 23:00:00": 0,

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0

},

"mem\_used": {

"2016-09-26 10:00:00": 0,

"2016-09-26 11:00:00": 0,

"2016-09-26 12:00:00": 0,

"2016-09-26 13:00:00": 0,

"2016-09-26 14:00:00": 0,

"2016-09-26 15:00:00": 0,

"2016-09-26 16:00:00": 0,

"2016-09-26 17:00:00": 0,

"2016-09-26 18:00:00": 0,

"2016-09-26 19:00:00": 0,

"2016-09-26 20:00:00": 0,

"2016-09-26 21:00:00": 0,

"2016-09-26 22:00:00": 0,

"2016-09-26 23:00:00": 0,

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0

},

"cpu\_used": {

"2016-09-26 10:00:00": 0,

"2016-09-26 11:00:00": 0,

"2016-09-26 12:00:00": 0,

"2016-09-26 13:00:00": 0,

"2016-09-26 14:00:00": 0,

"2016-09-26 15:00:00": 0,

"2016-09-26 16:00:00": 0,

"2016-09-26 17:00:00": 0,

"2016-09-26 18:00:00": 0,

"2016-09-26 19:00:00": 0,

"2016-09-26 20:00:00": 0,

"2016-09-26 21:00:00": 0,

"2016-09-26 22:00:00": 0,

"2016-09-26 23:00:00": 0,

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0

}

},

"run\_report": {

"2016-08-28 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-08-29 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-08-30 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-08-31 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-01 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-02 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-03 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-04 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-05 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-06 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-07 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-08 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-09 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-10 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-11 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-12 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-13 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-14 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-15 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-16 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-17 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-18 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-19 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-20 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-21 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-22 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-23 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-24 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-25 00:00:00": {

"max\_service": 0,

"max\_cache": 0,

"sum\_service": 0,

"sum\_cache": 0,

"hit\_user": 0,

"online\_user": 0,

"user\_percent": 0,

"max\_service\_user": 0,

"service\_cache": 0,

"capture\_avg": 0,

"redirect\_avg": 0

},

"2016-09-26 00:00:00": {

"max\_service": 1,

"max\_cache": 1,

"sum\_service": 1,

"sum\_cache": 1,

"hit\_user": 1,

"online\_user": 1,

"user\_percent": 100,

"max\_service\_user": 100,

"service\_cache": 100,

"capture\_avg": 0,

"redirect\_avg": 0

}

}

}

}

#### 5、算法及实现:

1. 在线用户数是feedbackHistory表中online的周期内最大值
2. speed中的service，cache，monitor是traffic\_stat表周期内对应sn的最大service对应的cache和monitor. 然后再加上cdn\_traffic\_stat表周期内对应sn的最大的service对应的cache和monitor
3. speed中的其他数据是feedbackHistory表中取最大值
4. run\_report中的max\_service，max\_cache取traffic\_stat周期内的最大值，sum\_service,sum\_cache取周期内的和，hit\_user，online取周期内的最大值，user\_percent用前面的hit\_user/online取到的，max\_service\_user是前面的max\_service/hit\_user取到的，service\_cache是前面的sum\_service/sum\_cache得到的。
5. 抓包量和重定向量是从report\_jxreport表取，已经是平均值。
6. 内存和cpu使用率取时间段内traffic\_stat和cdn\_traffic\_stat中的最大值
7. 30天报表中，服务流速是traffic\_stat和cdn\_traffic\_stat中的最大值累加起来，服务和活跃用户取最大值。流量是traffic\_stat和cdn\_traffic\_stat中的累加值

### 四、内容交付-常规资源

#### 1、技术要求:

#### 2、请求参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | /index.php?c=main&a=http | | | |
| 参数名 | 参数类型 | 必填 | 默认值 | 备注 |
| 时间参数 |  | 是 |  | 参考名词声明 |

#### 3、响应参数说明

|  |  |  |
| --- | --- | --- |
| category\_service | 分类型服务流速堆叠 | 字节 |
| category\_cache | 分类型回源流速堆叠 | 字节 |
| flow | 流量对比 | 字节 |
| topfile | 资源热榜 | 字节 |

#### 4、响应参数示例

{

"code": 1,

"result": "ok",

"data": {

"cp\_service\_flow": {

"软件升级": {

"2016-09-27 02:00:00": 144974,

"2016-09-27 07:00:00": 3820,

"2016-09-27 11:00:00": 11157,

"2016-09-27 13:00:00": 42386,

"2016-09-27 22:00:00": 99146

},

"文档管理": {

"2016-09-27 02:00:00": 61191,

"2016-09-27 14:00:00": 43320

},

"未归类": {

"2016-09-27 03:00:00": 16790,

"2016-09-27 07:00:00": 49588,

"2016-09-27 22:00:00": 90674

},

"压缩文档": {

"2016-09-27 09:00:00": 81705,

"2016-09-27 19:00:00": 22418,

"2016-09-27 20:00:00": 19101

},

"图片": {

"2016-09-27 19:00:00": 90537

}

},

"cp\_cache\_flow": {

"软件升级": {

"2016-09-27 02:00:00": 114312,

"2016-09-27 07:00:00": 3820,

"2016-09-27 11:00:00": 11157,

"2016-09-27 13:00:00": 42386,

"2016-09-27 22:00:00": 99146

},

"文档管理": {

"2016-09-27 02:00:00": 61191,

"2016-09-27 14:00:00": 43320

},

"未归类": {

"2016-09-27 03:00:00": 16790,

"2016-09-27 07:00:00": 49588,

"2016-09-27 22:00:00": 90674

},

"压缩文档": {

"2016-09-27 09:00:00": 81705,

"2016-09-27 19:00:00": 22418,

"2016-09-27 20:00:00": 19101

},

"图片": {

"2016-09-27 19:00:00": 90537

}

},

"cp\_cache\_service\_sum": {

"未归类": {

"service": 157052,

"cache": 93756

},

"软件升级": {

"service": 301483,

"cache": 274597

},

"压缩文档": {

"service": 123224,

"cache": 209989

},

"文档管理": {

"service": 104511,

"cache": 133521

},

"图片": {

"service": 90537,

"cache": 76917

},

"总流量": {

"service": 776807,

"cache": 788780

}

},

"topfile": {

"未归类": [],

"软件升级": [

{

"host": "windowsupdate.com",

"filename": "14393.0.160715-1616.rs1\_release\_clientcombinedchina\_ret\_x64fre\_zh-cn\_80aad80f866cb1a01fbab0b429db3a9a5a4bee81.esd",

"cache\_size": "3053058982",

"sum\_service": "1799042548203"

},

{

"host": "qq.com",

"filename": "TGP\_2.3.2.4083\_1712\_0N.exe",

"cache\_size": "23381720",

"sum\_service": "174547876289"

},

{

"host": "windowsupdate.com",

"filename": "14393.0.160715-1616.rs1\_release\_clientcombinedchina\_ret\_x86fre\_zh-cn\_0f105e9d19a6544eaaa8296028caca91cd03a55a.esd",

"cache\_size": "2370876876",

"sum\_service": "137131988774"

},

{

"host": "qq.com",

"filename": "LOL\_V3199\_0923153728\_0N.exe",

"cache\_size": "98534118",

"sum\_service": "131869877018"

},

{

"host": "360safe.com",

"filename": "360se8.1.1.226.cab",

"cache\_size": "48410910",

"sum\_service": "127214499830"

},

{

"host": "windowsupdate.com",

"filename": "windows10.0-kb3193494-x64\_400485e3517cddb813c0f0625bb9ffe9afc2d62d.cab",

"cache\_size": "452435621",

"sum\_service": "114227249842"

},

{

"host": "nvidia.com",

"filename": "372.90-notebook-win10-64bit-international-whql-g.exe",

"cache\_size": "355933656",

"sum\_service": "84057940323"

},

{

"host": "qq.com",

"filename": "LOL\_V3199\_0923153941\_1D.exe",

"cache\_size": "53438865",

"sum\_service": "60754508050"

},

{

"host": "qq.com",

"filename": "CODOL\_Formal\_auto\_setup\_v3.3.21.1.exe",

"cache\_size": "1465193870",

"sum\_service": "48341050482"

},

{

"host": "baofeng.com",

"filename": "BFAssistant.exe",

"cache\_size": "32373080",

"sum\_service": "35056324374"

}

],

"压缩文档": [

{

"host": "apple.com",

"filename": "6f4be0454c4ee3b9f343b2aadd7317d96105c81b.zip",

"cache\_size": "1190529908",

"sum\_service": "445440217390"

},

{

"host": "apple.com",

"filename": "3c86192874303c577025cd80e624ea3d2b9f3b31.zip",

"cache\_size": "1286120146",

"sum\_service": "154163745933"

},

{

"host": "apple.com",

"filename": "3e58f56779c0913c53a662b04a5185ea704c01f8.zip",

"cache\_size": "1127896188",

"sum\_service": "147957034766"

},

{

"host": "apple.com",

"filename": "1bde98f213b98d41ccfbfff9ce7a148082015b20.zip",

"cache\_size": "1127853622",

"sum\_service": "144444403349"

},

{

"host": "apple.com",

"filename": "71ec425e8764dfde5b2d5adffa0a10b3fedf5c01.zip",

"cache\_size": "1086630100",

"sum\_service": "133684091691"

},

{

"host": "apple.com",

"filename": "853ed186c23f52c0201538b5575edba9f3e0a731.zip",

"cache\_size": "1214262740",

"sum\_service": "63382462183"

},

{

"host": "apple.com",

"filename": "9d9f192f6b874dd2d33f219c3490018c0d4fef4c.zip",

"cache\_size": "1190611147",

"sum\_service": "54818124356"

},

{

"host": "apple.com",

"filename": "ca313527d809bfd0765bef4290282b7ad4db8173.zip",

"cache\_size": "1190345767",

"sum\_service": "48215951670"

},

{

"host": "baidu.com",

"filename": "vbase001.vdf.gz",

"cache\_size": "48056719",

"sum\_service": "36667276597"

},

{

"host": "apple.com",

"filename": "d0226dad3aa6900d8254f1f608a8bb878729f0ac.zip",

"cache\_size": "1487503652",

"sum\_service": "34361055377"

}

],

"文档管理": [],

"图片": [

{

"host": "letvimg.com",

"filename": "cce63bd3-feb7-48b8-937d-94f4ecde97f4.jpg",

"cache\_size": "352821",

"sum\_service": "9872025378"

},

{

"host": "letvimg.com",

"filename": "4c34c01e-a19c-4c65-a997-d69a845c47f8.jpg",

"cache\_size": "336271",

"sum\_service": "9172886960"

},

{

"host": "letvimg.com",

"filename": "014639d8-892c-452b-adce-76d80e142957.jpg",

"cache\_size": "333708",

"sum\_service": "9093839012"

},

{

"host": "letvimg.com",

"filename": "713b3ad7-112c-4ec9-9e16-68e387506659.jpg",

"cache\_size": "258334",

"sum\_service": "7758538990"

},

{

"host": "letvimg.com",

"filename": "c0163390-f9fd-4647-b2f8-98fe2074346c.jpg",

"cache\_size": "225076",

"sum\_service": "6653407488"

},

{

"host": "letvimg.com",

"filename": "7d0813fc-b8e6-48da-b552-c4cc2d8a0d65.jpg",

"cache\_size": "205505",

"sum\_service": "6029606955"

},

{

"host": "letvimg.com",

"filename": "55ccd285-05fd-46a7-b82f-d6090060e8f9.jpg",

"cache\_size": "201734",

"sum\_service": "4115650002"

},

{

"host": "letvimg.com",

"filename": "1465288105652.png",

"cache\_size": "294912",

"sum\_service": "797489062"

},

{

"host": "sinaimg.cn",

"filename": "kTtb-fxwevmh8964788.gif",

"cache\_size": "4241220",

"sum\_service": "204880880"

},

{

"host": "bwu.edu.cn",

"filename": "11.JPG",

"cache\_size": "8432511",

"sum\_service": "199141257"

}

]

}

}

}

#### 5、算法及实现

1)服务流量和回源流量是operation\_stat中对service和cache累加计算。

1)服务流速和回源流速从operation\_stat表中时间段内相同资源的累加值和traffic\_stat+cdn\_traffic\_stat经行占比得到（5点钟归档文件的operation\_stat的service / 5点钟所有分类的operation\_stat中的service \* 5点钟traffic\_stat+cdn\_traffic\_stat）

2)资源热榜是从top\_stat表中按照hash分组，class和category分类，查找service\_size最大的10个资源信息

### 五、内容交付-移动应用

#### 1、技术要求

#### 2、请求参数说明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | /index.php?c=content&a=mobile | | | |
| 参数名 | 参数类型 | 必填 | 默认值 | 备注 |
| 时间参数 |  | 是 |  | 参考名词声明 |

#### 3、响应数据说明:

|  |  |  |
| --- | --- | --- |
| cp\_service\_flow | 分类型服务流速堆叠 | 字节 |
| cp\_cache\_flow | 分类型回源流速堆叠 | 字节 |
| cp\_cache\_service\_sum | 流量对比 | 字节 |
| topfile | 资源热榜 | 字节 |

#### 4、响应数据示例

{

"code": 1,

"result": "ok",

"data": {

"cp\_service\_flow": {

"android": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

"2016-09-27 11:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 0

},

"winphone": {

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 40732,

"2016-09-27 05:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 14:00:00": 0,

"2016-09-27 15:00:00": 0

},

"ios": {

"2016-09-27 09:00:00": 0,

"2016-09-27 12:00:00": 0

}

},

"cp\_cache\_flow": {

"android": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

"2016-09-27 11:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 0

},

"winphone": {

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 7580,

"2016-09-27 05:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 14:00:00": 0,

"2016-09-27 15:00:00": 0

},

"ios": {

"2016-09-27 09:00:00": 0,

"2016-09-27 12:00:00": 0

}

},

"cp\_cache\_service\_sum": {

"android": {

"service": 340112,

"cache": 449121

},

"ios": {

"service": 96594,

"cache": 139105

},

"winphone": {

"service": 229193,

"cache": 316653

},

"总流量": {

"service": 665899,

"cache": 904879

}

},

"topfile": {

"android": [

{

"host": "sina.cn",

"filename": "68e88f67d6e5c752921918f6ff0f2a96.apk",

"cache\_size": "59368046",

"sum\_service": "121514223503"

},

{

"host": "hicloud.com",

"filename": "com.mt.mtxx.mtxx.1609261835.apk",

"cache\_size": "29955513",

"sum\_service": "87940713139"

},

{

"host": "myapp.com",

"filename": "EDEC238244682455E97BD48ABB56515D.apk",

"cache\_size": "341753091",

"sum\_service": "54630997950"

},

{

"host": "battlenet.com.cn",

"filename": "hearthstone\_cn\_14366\_atc.apk",

"cache\_size": "1106540003",

"sum\_service": "51227128428"

},

{

"host": "ucweb.com",

"filename": "UCNewsApp\_V1.9.2.911\_android\_pf190\_(Build160926101732).apk",

"cache\_size": "6138574",

"sum\_service": "19954139325"

},

{

"host": "hicloud.com",

"filename": "com.netease.onmyoji.huawei.1609201138.apk",

"cache\_size": "543092777",

"sum\_service": "18879292605"

},

{

"host": "ucweb.com",

"filename": "smmap\_V2.0.0.3\_88\_Build160905192633.apk",

"cache\_size": "3129494",

"sum\_service": "16066442422"

},

{

"host": "battlenet.com.cn",

"filename": "hearthstone\_cn\_14366\_astc.apk",

"cache\_size": "1125959019",

"sum\_service": "15122409643"

},

{

"host": "vivo.com.cn",

"filename": "201609011134431047773.apk",

"cache\_size": "325011603",

"sum\_service": "14206596388"

},

{

"host": "cibntv.net",

"filename": "TVAssistantServer\_1.1\_101000\_201510101638.apk",

"cache\_size": "98967276",

"sum\_service": "11069739736"

}

],

"ios": [

{

"host": "apple.com",

"filename": "pre-thinned607030903319106220.thinned.signed.dpkg.ipa",

"cache\_size": "420782418",

"sum\_service": "378203062117"

},

{

"host": "apple.com",

"filename": "mzps.6603819852814053308.ipa",

"cache\_size": "400525244",

"sum\_service": "275234186461"

},

{

"host": "apple.com",

"filename": "mzps.284239900418093276.ipa",

"cache\_size": "400525252",

"sum\_service": "229696989661"

},

{

"host": "apple.com",

"filename": "mzps.4288068189076904862.ipa",

"cache\_size": "400525282",

"sum\_service": "133558055207"

},

{

"host": "apple.com",

"filename": "mzps.3967340461574991339.ipa",

"cache\_size": "400525264",

"sum\_service": "125628364244"

},

{

"host": "apple.com",

"filename": "mzps.2124020116624017469.ipa",

"cache\_size": "400525281",

"sum\_service": "75776693536"

},

{

"host": "apple.com",

"filename": "xkw687249448516698811.D2.pd.ipa",

"cache\_size": "1250917129",

"sum\_service": "60164469589"

},

{

"host": "apple.com",

"filename": "mzps.1782089598866843838.ipa",

"cache\_size": "51762665",

"sum\_service": "50725348872"

},

{

"host": "apple.com",

"filename": "mzps.2665407918090145393.ipa",

"cache\_size": "400525264",

"sum\_service": "45192118491"

},

{

"host": "apple.com",

"filename": "mzps.800816694745227248.ipa",

"cache\_size": "29324252",

"sum\_service": "29401144288"

}

],

"winphone": []

}

}

}

#### 5、算法及实现

1）流速是operation\_stat中和traffic\_stat进行占比得到的

1）流量对比是从operation\_stat表中取service\_size和cache\_size累加值

2）资源热榜从top\_stat表中按照hash分组，class和category分类取service\_size最大的10个资源信息

### 六、内容交付-视频点播

#### 1、技术要求

#### 2、请求参数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | /index.php?c=content&a=videoDemand | | | |
| 参数名 | 参数类型 | 必填 | 默认值 | 备注 |
| 时间参数 |  | 是 |  | 参考名词声明 |

#### 3、响应数据说明:

|  |  |  |
| --- | --- | --- |
| cp\_service\_flow | 分类型服务流速堆叠 | 字节 |
| cp\_cache\_flow | 分类型回源流速堆叠 | 字节 |
| cp\_cache\_service\_sum | 流量对比 | 字节 |
| topfile | 资源热榜 | 字节 |

#### 4、响应数据示例

{

"code": 1,

"result": "ok",

"data": {

"cp\_service\_flow": {

"秒拍": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

"2016-09-27 10:00:00": 0,

"2016-09-27 11:00:00": 0,

"2016-09-27 12:00:00": 0,

"2016-09-27 13:00:00": 0,

"2016-09-27 14:00:00": 0,

"2016-09-27 15:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 17:00:00": 0,

"2016-09-27 18:00:00": 0,

"2016-09-27 19:00:00": 0,

"2016-09-27 20:00:00": 0,

"2016-09-27 21:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 25317

},

"bilibili": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 91105,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

"2016-09-27 10:00:00": 0,

"2016-09-27 11:00:00": 0,

"2016-09-27 12:00:00": 0,

"2016-09-27 13:00:00": 0,

"2016-09-27 14:00:00": 0,

"2016-09-27 15:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 17:00:00": 0,

"2016-09-27 18:00:00": 0,

"2016-09-27 19:00:00": 0,

"2016-09-27 20:00:00": 0,

"2016-09-27 21:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 0

},

"乐视": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 29953,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

"2016-09-27 10:00:00": 0,

"2016-09-27 11:00:00": 0,

"2016-09-27 12:00:00": 0,

"2016-09-27 13:00:00": 0,

"2016-09-27 14:00:00": 0,

"2016-09-27 15:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 17:00:00": 0,

"2016-09-27 18:00:00": 0,

"2016-09-27 19:00:00": 0,

"2016-09-27 20:00:00": 0,

"2016-09-27 21:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 0

},

"风行": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 23584,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

"2016-09-27 10:00:00": 0,

"2016-09-27 11:00:00": 0,

"2016-09-27 12:00:00": 0,

"2016-09-27 13:00:00": 0,

"2016-09-27 14:00:00": 0,

"2016-09-27 15:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 17:00:00": 0,

"2016-09-27 18:00:00": 0,

"2016-09-27 19:00:00": 0,

"2016-09-27 20:00:00": 0,

"2016-09-27 21:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 0

},

"ICNTV": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

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"2016-09-27 09:00:00": 0,

"2016-09-27 10:00:00": 0,

"2016-09-27 11:00:00": 0,

"2016-09-27 12:00:00": 0,

"2016-09-27 13:00:00": 0,

"2016-09-27 14:00:00": 59067,

"2016-09-27 15:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 17:00:00": 0,

"2016-09-27 18:00:00": 0,

"2016-09-27 19:00:00": 0,

"2016-09-27 20:00:00": 0,

"2016-09-27 21:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 0

},

"其他": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

"2016-09-27 10:00:00": 0,

"2016-09-27 11:00:00": 0,

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"2016-09-27 13:00:00": 0,

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"2016-09-27 15:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 17:00:00": 0,

"2016-09-27 18:00:00": 0,

"2016-09-27 19:00:00": 0,

"2016-09-27 20:00:00": 0,

"2016-09-27 21:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 0

}

},

"cp\_cache\_flow": {

"秒拍": {

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"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

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"2016-09-27 11:00:00": 0,

"2016-09-27 12:00:00": 0,

"2016-09-27 13:00:00": 0,

"2016-09-27 14:00:00": 0,

"2016-09-27 15:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 17:00:00": 0,

"2016-09-27 18:00:00": 0,

"2016-09-27 19:00:00": 0,

"2016-09-27 20:00:00": 0,

"2016-09-27 21:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 53922

},

"bilibili": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 36346,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

"2016-09-27 10:00:00": 0,

"2016-09-27 11:00:00": 0,

"2016-09-27 12:00:00": 0,

"2016-09-27 13:00:00": 0,

"2016-09-27 14:00:00": 0,

"2016-09-27 15:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 17:00:00": 0,

"2016-09-27 18:00:00": 0,

"2016-09-27 19:00:00": 0,

"2016-09-27 20:00:00": 0,

"2016-09-27 21:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 0

},

"乐视": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 5932,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

"2016-09-27 10:00:00": 0,

"2016-09-27 11:00:00": 0,

"2016-09-27 12:00:00": 0,

"2016-09-27 13:00:00": 0,

"2016-09-27 14:00:00": 0,

"2016-09-27 15:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 17:00:00": 0,

"2016-09-27 18:00:00": 0,

"2016-09-27 19:00:00": 0,

"2016-09-27 20:00:00": 0,

"2016-09-27 21:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 0

},

"风行": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 38028,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

"2016-09-27 10:00:00": 0,

"2016-09-27 11:00:00": 0,

"2016-09-27 12:00:00": 0,

"2016-09-27 13:00:00": 0,

"2016-09-27 14:00:00": 0,

"2016-09-27 15:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 17:00:00": 0,

"2016-09-27 18:00:00": 0,

"2016-09-27 19:00:00": 0,

"2016-09-27 20:00:00": 0,

"2016-09-27 21:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 0

},

"ICNTV": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

"2016-09-27 10:00:00": 0,

"2016-09-27 11:00:00": 0,

"2016-09-27 12:00:00": 0,

"2016-09-27 13:00:00": 0,

"2016-09-27 14:00:00": 79920,

"2016-09-27 15:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 17:00:00": 0,

"2016-09-27 18:00:00": 0,

"2016-09-27 19:00:00": 0,

"2016-09-27 20:00:00": 0,

"2016-09-27 21:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 0

},

"其他": {

"2016-09-27 00:00:00": 0,

"2016-09-27 01:00:00": 0,

"2016-09-27 02:00:00": 0,

"2016-09-27 03:00:00": 0,

"2016-09-27 04:00:00": 0,

"2016-09-27 05:00:00": 0,

"2016-09-27 06:00:00": 0,

"2016-09-27 07:00:00": 0,

"2016-09-27 08:00:00": 0,

"2016-09-27 09:00:00": 0,

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"2016-09-27 11:00:00": 0,

"2016-09-27 12:00:00": 0,

"2016-09-27 13:00:00": 0,

"2016-09-27 14:00:00": 0,

"2016-09-27 15:00:00": 0,

"2016-09-27 16:00:00": 0,

"2016-09-27 17:00:00": 0,

"2016-09-27 18:00:00": 0,

"2016-09-27 19:00:00": 0,

"2016-09-27 20:00:00": 0,

"2016-09-27 21:00:00": 0,

"2016-09-27 22:00:00": 0,

"2016-09-27 23:00:00": 0

}

},

"cp\_cache\_service\_sum": {

"总流量": {

"service": 229026,

"cache": 214148

},

"ICNTV": {

"service": 59067,

"cache": 79920

},

"bilibili": {

"service": 91105,

"cache": 36346

},

"秒拍": {

"service": 25317,

"cache": 53922

},

"风行": {

"service": 23584,

"cache": 38028

},

"乐视": {

"service": 29953,

"cache": 5932

},

"其他": {

"service": 0,

"cache": 0

}

},

"topfile": {

"秒拍": [

{

"host": "miaopai.com",

"filename": "Lnr6jFcvCFBy-T8eF3jeLw\_\_.mp4",

"sum\_cache": "28175817",

"sum\_service": "110596767488"

},

{

"host": "miaopai.com",

"filename": "DkBoZpxfTRhRmlRR71btzw\_\_.mp4",

"sum\_cache": "18911368",

"sum\_service": "70995578130"

},

{

"host": "miaopai.com",

"filename": "cwUK1HWkeATh1~MBkBDV2A\_\_.mp4",

"sum\_cache": "60362465",

"sum\_service": "40604989438"

},

{

"host": "miaopai.com",

"filename": "W0Hajun0SnBKY2332vXdcg\_\_.mp4",

"sum\_cache": "117351745",

"sum\_service": "17856262710"

},

{

"host": "miaopai.com",

"filename": "dkzI2o0KRaa7Vhglw9YeaA\_\_.mp4",

"sum\_cache": "26343712",

"sum\_service": "5678846627"

}

],

"bilibili": [

{

"host": "acgvideo.com",

"filename": "10453218-1-hd.mp4",

"sum\_cache": "192098943",

"sum\_service": "122473704561"

},

{

"host": "acgvideo.com",

"filename": "10453212-1.flv",

"sum\_cache": "56189733",

"sum\_service": "62498664206"

},

{

"host": "acgvideo.com",

"filename": "10453218-4.flv",

"sum\_cache": "85194932",

"sum\_service": "23843960159"

},

{

"host": "acgvideo.com",

"filename": "10453218-3.flv",

"sum\_cache": "77832360",

"sum\_service": "21856363002"

},

{

"host": "acgvideo.com",

"filename": "10453181-1-hd.mp4",

"sum\_cache": "396983093",

"sum\_service": "20695288344"

},

{

"host": "acgvideo.com",

"filename": "10136812-1-hd.mp4",

"sum\_cache": "1205060889",

"sum\_service": "18980818453"

},

{

"host": "acgvideo.com",

"filename": "10453218-2.flv",

"sum\_cache": "78400611",

"sum\_service": "17065108276"

},

{

"host": "acgvideo.com",

"filename": "10451919-1-hd.mp4",

"sum\_cache": "185932277",

"sum\_service": "15084987662"

},

{

"host": "acgvideo.com",

"filename": "920120-1.flv",

"sum\_cache": "2191594499",

"sum\_service": "9851990631"

}

],

"乐视": [

{

"host": "letv.com",

"filename": "ver\_00\_22-1061400297-avc-4998491-aac-128000-7405584-4756772778-700fb6697de7722d3497e08e73c2815b-1471899325070.letv",

"sum\_cache": "4756772778",

"sum\_service": "8072096352"

}

],

"风行": [],

"ICNTV": [],

"其他": [

{

"host": "qq.com",

"filename": "c0021emllin.mp4",

"sum\_cache": "20460689",

"sum\_service": "114663934003"

},

{

"host": "youku.com",

"filename": "030020010057E92493472F2D9B7D2F947FCAE8-BB89-7521-8300-EA415CD0054E.mp4",

"sum\_cache": "232483793",

"sum\_service": "69948225949"

},

{

"host": "youku.com",

"filename": "030020010057E990FACC562D9B7D2FD916F96B-5298-09D7-5623-1731075BBDFF.mp4",

"sum\_cache": "233537315",

"sum\_service": "39242743548"

},

{

"host": "qq.com",

"filename": "c0021emllin.p201.1.mp4",

"sum\_cache": "62897679",

"sum\_service": "14221452877"

},

{

"host": "qq.com",

"filename": "v00163hc878.p201.1.mp4",

"sum\_cache": "44615493",

"sum\_service": "11223531619"

},

{

"host": "apkvod-cnc.wasu.cn",

"filename": "201609091951163110329c556\_a3cfc54e.mp4",

"sum\_cache": "170728883",

"sum\_service": "10022538821"

}

]

}

}

}

#### 5、算法及实现

1）服务流速、回源流速及流量对比从operation\_stat表中取累加值

2）资源热榜从top\_stat表中按照hash分组，class和category分类，取service\_size最大的10个资源信息

3）其中cp取值是按照分cp对service和cache相加后的值进行从大到小排序，取前5个，然后对上面的数据经行一次过滤，把排名超过5个的都归类为其他

### 七、内容交付-视频直播

#### 1、技术要求

#### 2、请求参数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | /index.php?c=content&a=videoLive | | | |
| 参数名 | 参数类型 | 必填 | 默认值 | 备注 |
| 时间参数 |  | 是 |  | 参考名词声明 |

#### 3、响应数据说明:

|  |  |  |
| --- | --- | --- |
| cp\_service\_flow | 分类型服务流速堆叠 | 字节 |
| cp\_cache\_flow | 分类型回源流速堆叠 | 字节 |
| cp\_cache\_service\_sum | 流量对比 | 字节 |
| topfile | 资源热榜 | 字节 |

#### 4、响应数据示例

{

"code": 1,

"result": "ok",

"data": {

"cp\_service\_flow": {

"其他": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 87912,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 96363,

"2016-09-25 05:00:00": 0,

"2016-09-25 06:00:00": 19049,

"2016-09-25 07:00:00": 35806,

"2016-09-25 08:00:00": 31067,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 74942,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 23141,

"2016-09-25 21:00:00": 63443,

"2016-09-25 22:00:00": 11383,

"2016-09-25 23:00:00": 36429

},

"斗魚直播": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 0,

"2016-09-25 06:00:00": 0,

"2016-09-25 07:00:00": 0,

"2016-09-25 08:00:00": 0,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

},

"熊猫直播": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 0,

"2016-09-25 06:00:00": 0,

"2016-09-25 07:00:00": 0,

"2016-09-25 08:00:00": 0,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 46426,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

},

"战旗直播": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 0,

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"2016-09-25 07:00:00": 0,

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"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 0,

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"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

},

"全民直播": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 95612,

"2016-09-25 06:00:00": 0,

"2016-09-25 07:00:00": 0,

"2016-09-25 08:00:00": 0,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

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"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

},

"虎牙直播": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 0,

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"2016-09-25 07:00:00": 0,

"2016-09-25 08:00:00": 0,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 0,

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"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 16876,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

},

"龙珠直播": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 0,

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"2016-09-25 07:00:00": 0,

"2016-09-25 08:00:00": 0,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

}

},

"cp\_cache\_flow": {

"其他": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 42993,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 95475,

"2016-09-25 05:00:00": 0,

"2016-09-25 06:00:00": 90110,

"2016-09-25 07:00:00": 98334,

"2016-09-25 08:00:00": 78470,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 61395,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 92774,

"2016-09-25 21:00:00": 12298,

"2016-09-25 22:00:00": 24045,

"2016-09-25 23:00:00": 5450

},

"斗魚直播": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 0,

"2016-09-25 06:00:00": 0,

"2016-09-25 07:00:00": 0,

"2016-09-25 08:00:00": 0,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

},

"熊猫直播": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 0,

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"2016-09-25 07:00:00": 0,

"2016-09-25 08:00:00": 0,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 84442,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

},

"战旗直播": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 0,

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"2016-09-25 07:00:00": 0,

"2016-09-25 08:00:00": 0,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

},

"全民直播": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

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"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 0,

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"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

},

"虎牙直播": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 0,

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"2016-09-25 07:00:00": 0,

"2016-09-25 08:00:00": 0,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 92722,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

},

"龙珠直播": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 0,

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"2016-09-25 07:00:00": 0,

"2016-09-25 08:00:00": 0,

"2016-09-25 09:00:00": 0,

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"2016-09-25 11:00:00": 0,

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"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

}

},

"cp\_cache\_service\_sum": {

"总流量": {

"service": 638449,

"cache": 788929

},

"其他": {

"service": 479535,

"cache": 601344

},

"斗魚直播": {

"service": 0,

"cache": 0

},

"熊猫直播": {

"service": 46426,

"cache": 84442

},

"战旗直播": {

"service": 0,

"cache": 0

},

"全民直播": {

"service": 95612,

"cache": 10421

},

"虎牙直播": {

"service": 16876,

"cache": 92722

},

"龙珠直播": {

"service": 0,

"cache": 0

}

},

"topfile": {

"斗魚直播": [],

"熊猫直播": [

{

"host": "pl8.live.panda.tv",

"filename": "d484e9848e75e85be0859ba29f0c6850",

"sum\_cache": "0",

"sum\_service": "500677477548"

},

{

"host": "pl8.live.panda.tv",

"filename": "17580c14f842ec71680133fa961c4434",

"sum\_cache": "0",

"sum\_service": "265727283928"

},

{

"host": "pl8.live.panda.tv",

"filename": "d484e9848e75e85be0859ba29f0c6850\_mid",

"sum\_cache": "0",

"sum\_service": "123447682265"

},

{

"host": "pl7.live.panda.tv",

"filename": "fa48e0ec6f6662aa11e620c0540f423b",

"sum\_cache": "0",

"sum\_service": "109678455094"

},

{

"host": "pl7.live.panda.tv",

"filename": "42eb1ee7d678a929b4a833d6154fd18f",

"sum\_cache": "0",

"sum\_service": "89396188215"

},

{

"host": "pl7.live.panda.tv",

"filename": "669257d0b1793e2bd3c98e024d99462f",

"sum\_cache": "0",

"sum\_service": "78925677636"

},

{

"host": "pl7.live.panda.tv",

"filename": "dbcb5219e367aaf19832c039a9da0446",

"sum\_cache": "0",

"sum\_service": "40301915404"

},

{

"host": "pl8.live.panda.tv",

"filename": "057595ac05dfa5a2da4e849c3856f7cf",

"sum\_cache": "0",

"sum\_service": "32951907939"

},

{

"host": "pl8.live.panda.tv",

"filename": "810bcf7efd5662024c6f040c96ad0a74",

"sum\_cache": "0",

"sum\_service": "31782127985"

},

{

"host": "pl7.live.panda.tv",

"filename": "669257d0b1793e2bd3c98e024d99462f\_mid",

"sum\_cache": "0",

"sum\_service": "25668801191"

}

],

"战旗直播": [],

"全民直播": [],

"虎牙直播": [],

"龙珠直播": [],

"其他": []

}

}

}

#### 5、算法及实现

1）流速是operation\_stat中不同分类和traffic\_stat+cdn\_traffic\_stat做的占比得到的。分类下的operation\_stat/总的operation\_stat \* (traffic\_stat+cdn\_traffic\_stat)

2）流量对比是从operation\_stat表中service\_size和cache\_size的累加值

3）热榜资源从top\_stat表中按照hash分组，class和category分类取service\_size最大的10个资源信息

### 八、内容交付-概览

#### 1、技术要求

1）增加top\_stat索引

ALTER TABLE `ordoac`.`top\_stat` DROP INDEX `class\_category`, ADD INDEX `class\_category` (`class`, `category`, `create\_time`) USING BTREE;

#### 2、请求参数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | /index.php?c=main&a=overview | | | |
| 参数名 | 参数类型 | 必填 | 默认值 | 备注 |
| 时间参数 |  | 是 |  | 参考名词声明 |

#### 3、响应数据说明:

|  |  |  |
| --- | --- | --- |
| category\_service | 分类型服务流速堆叠 | 字节 |
| category\_cache | 分类型回源流速堆叠 | 字节 |
| flow | 流量对比 | 字节 |
| topfile | 资源热榜 | 字节 |

#### 4、响应数据示例:

{

"code": 1,

"result": null,

"data": {

"category\_service": {

"http": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 121527,

"2016-09-25 06:00:00": 56656,

"2016-09-25 07:00:00": 8093,

"2016-09-25 08:00:00": 90198,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 89576,

"2016-09-25 11:00:00": 79480,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 79474,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 86539,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 77457,

"2016-09-25 21:00:00": 34643,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 71228

},

"mobile": {

"2016-09-25 00:00:00": 127927,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 54095,

"2016-09-25 03:00:00": 19735,

"2016-09-25 04:00:00": 21512,

"2016-09-25 05:00:00": 209404,

"2016-09-25 06:00:00": 44928,

"2016-09-25 07:00:00": 0,

"2016-09-25 08:00:00": 1828,

"2016-09-25 09:00:00": 75928,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 42126,

"2016-09-25 12:00:00": 72327,

"2016-09-25 13:00:00": 20526,

"2016-09-25 14:00:00": 98477,

"2016-09-25 15:00:00": 68726,

"2016-09-25 16:00:00": 18170,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 37414,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 95260

},

"videoLive": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 87912,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 96363,

"2016-09-25 05:00:00": 95612,

"2016-09-25 06:00:00": 19049,

"2016-09-25 07:00:00": 35806,

"2016-09-25 08:00:00": 31067,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 46426,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 74942,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 23141,

"2016-09-25 21:00:00": 80319,

"2016-09-25 22:00:00": 11383,

"2016-09-25 23:00:00": 36429

},

"videoDemand": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 0,

"2016-09-25 06:00:00": 6317,

"2016-09-25 07:00:00": 27728,

"2016-09-25 08:00:00": 0,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 30783,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 89347,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 46609,

"2016-09-25 18:00:00": 11788,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

}

},

"category\_cache": {

"http": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 161378,

"2016-09-25 06:00:00": 9222,

"2016-09-25 07:00:00": 90360,

"2016-09-25 08:00:00": 99515,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 92398,

"2016-09-25 11:00:00": 73075,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 45554,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 148667,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 99946,

"2016-09-25 21:00:00": 5630,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 62859

},

"mobile": {

"2016-09-25 00:00:00": 166886,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 14267,

"2016-09-25 03:00:00": 36194,

"2016-09-25 04:00:00": 44733,

"2016-09-25 05:00:00": 239246,

"2016-09-25 06:00:00": 78098,

"2016-09-25 07:00:00": 0,

"2016-09-25 08:00:00": 90308,

"2016-09-25 09:00:00": 55997,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 46072,

"2016-09-25 12:00:00": 18753,

"2016-09-25 13:00:00": 50131,

"2016-09-25 14:00:00": 179258,

"2016-09-25 15:00:00": 81510,

"2016-09-25 16:00:00": 27121,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 0,

"2016-09-25 19:00:00": 51,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 75821

},

"videoLive": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 42993,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 95475,

"2016-09-25 05:00:00": 10421,

"2016-09-25 06:00:00": 90110,

"2016-09-25 07:00:00": 98334,

"2016-09-25 08:00:00": 78470,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 0,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 84442,

"2016-09-25 14:00:00": 0,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 0,

"2016-09-25 18:00:00": 61395,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 92774,

"2016-09-25 21:00:00": 105020,

"2016-09-25 22:00:00": 24045,

"2016-09-25 23:00:00": 5450

},

"videoDemand": {

"2016-09-25 00:00:00": 0,

"2016-09-25 01:00:00": 0,

"2016-09-25 02:00:00": 0,

"2016-09-25 03:00:00": 0,

"2016-09-25 04:00:00": 0,

"2016-09-25 05:00:00": 0,

"2016-09-25 06:00:00": 81821,

"2016-09-25 07:00:00": 24618,

"2016-09-25 08:00:00": 0,

"2016-09-25 09:00:00": 0,

"2016-09-25 10:00:00": 48755,

"2016-09-25 11:00:00": 0,

"2016-09-25 12:00:00": 0,

"2016-09-25 13:00:00": 0,

"2016-09-25 14:00:00": 10369,

"2016-09-25 15:00:00": 0,

"2016-09-25 16:00:00": 0,

"2016-09-25 17:00:00": 10064,

"2016-09-25 18:00:00": 102017,

"2016-09-25 19:00:00": 0,

"2016-09-25 20:00:00": 0,

"2016-09-25 21:00:00": 0,

"2016-09-25 22:00:00": 0,

"2016-09-25 23:00:00": 0

}

},

"flow": {

"total": {

"service": 2654275,

"cache": 3159623

},

"videoDemand": {

"service": 212572,

"cache": 277644

},

"videoLive": {

"service": 638449,

"cache": 788929

},

"mobile": {

"service": 1008383,

"cache": 1204446

},

"http": {

"service": 794871,

"cache": 888604

}

},

"topfile": {

"http": [

{

"cache\_size": "3053058982",

"sum\_service": "4273388566051",

"host": "windowsupdate.com",

"filename": "14393.0.160715-1616.rs1\_release\_clientcombinedchina\_ret\_x64fre\_zh-cn\_80aad80f866cb1a01fbab0b429db3a9a5a4bee81.esd",

"category": "软件升级"

},

{

"cache\_size": "355933656",

"sum\_service": "655527811556",

"host": "nvidia.com",

"filename": "372.90-notebook-win10-64bit-international-whql-g.exe",

"category": "软件升级"

},

{

"cache\_size": "452435621",

"sum\_service": "317065561405",

"host": "windowsupdate.com",

"filename": "windows10.0-kb3193494-x64\_400485e3517cddb813c0f0625bb9ffe9afc2d62d.cab",

"category": "软件升级"

},

{

"cache\_size": "32373080",

"sum\_service": "310469861845",

"host": "baofeng.com",

"filename": "BFAssistant.exe",

"category": "软件升级"

},

{

"cache\_size": "355933656",

"sum\_service": "215011013889",

"host": "nvidia.com",

"filename": "372.90-notebook-win10-64bit-international-whql.exe",

"category": "软件升级"

},

{

"cache\_size": "1104540769",

"sum\_service": "211317341858",

"host": "windowsupdate.com",

"filename": "windows10.0-kb3185614-x64\_d2bc189c539ef925ade58a0e6496086b1c211e68.cab",

"category": "软件升级"

},

{

"cache\_size": "2370876876",

"sum\_service": "157213228903",

"host": "windowsupdate.com",

"filename": "14393.0.160715-1616.rs1\_release\_clientcombinedchina\_ret\_x86fre\_zh-cn\_0f105e9d19a6544eaaa8296028caca91cd03a55a.esd",

"category": "软件升级"

},

{

"cache\_size": "351102072",

"sum\_service": "101275483459",

"host": "nvidia.com",

"filename": "372.90-notebook-win8-win7-64bit-international-whql-g.exe",

"category": "软件升级"

},

{

"cache\_size": "355933656",

"sum\_service": "98227253399",

"host": "nvidia.com",

"filename": "372.90-desktop-win10-64bit-international-whql.exe",

"category": "软件升级"

},

{

"cache\_size": "98534118",

"sum\_service": "69658610734",

"host": "qq.com",

"filename": "LOL\_V3199\_0923153728\_0N.exe",

"category": "软件升级"

}

],

"mobile": [

{

"cache\_size": "59368046",

"sum\_service": "1088816227227",

"host": "sina.cn",

"filename": "68e88f67d6e5c752921918f6ff0f2a96.apk",

"category": "android"

},

{

"cache\_size": "1250917129",

"sum\_service": "211203906098",

"host": "apple.com",

"filename": "xkw687249448516698811.D2.pd.ipa",

"category": "ios"

},

{

"cache\_size": "73695515",

"sum\_service": "150552362427",

"host": "apple.com",

"filename": "pre-thinned5107702204905381215.thinned.signed.dpkg.ipa",

"category": "ios"

},

{

"cache\_size": "1106540003",

"sum\_service": "140501089087",

"host": "battlenet.com.cn",

"filename": "hearthstone\_cn\_14366\_atc.apk",

"category": "android"

},

{

"cache\_size": "356203633",

"sum\_service": "131405311410",

"host": "myapp.com",

"filename": "3531083DBBF1DB16302C75BD5CF66E04.apk",

"category": "android"

},

{

"cache\_size": "419707304",

"sum\_service": "115423965513",

"host": "myapp.com",

"filename": "3BD80BFB224D21870CE88C9A9525E94C.apk",

"category": "android"

},

{

"cache\_size": "49374190",

"sum\_service": "93440550960",

"host": "apple.com",

"filename": "mzps.669109340512939273.ipa",

"category": "ios"

},

{

"cache\_size": "49378143",

"sum\_service": "87939482050",

"host": "apple.com",

"filename": "mzps.555056285034755955.ipa",

"category": "ios"

},

{

"cache\_size": "2326700106",

"sum\_service": "85362344980",

"host": "apple.com",

"filename": "pre-thinned6437182785942491297.thinned.signed.dpkg.ipa",

"category": "ios"

},

{

"cache\_size": "6135356",

"sum\_service": "42371366685",

"host": "ucweb.com",

"filename": "UCNewsApp\_V1.9.1.910\_android\_pf190\_(Build160923102523).apk",

"category": "android"

}

],

"videoDemand": [

{

"cache\_size": "188124448",

"sum\_service": "241366849645",

"host": "acgvideo.com",

"filename": "10400078-1-hd.mp4"

},

{

"cache\_size": "32731256",

"sum\_service": "187655786863",

"host": "miaopai.com",

"filename": "rxAwkG-jKLCrPSIWwyth3Q\_\_.mp4"

},

{

"cache\_size": "55839296",

"sum\_service": "179114943336",

"host": "miaopai.com",

"filename": "L1fd06cJeYw12jytHu4PiA\_\_.mp4"

},

{

"cache\_size": "1205060889",

"sum\_service": "140948063853",

"host": "acgvideo.com",

"filename": "10136812-1-hd.mp4"

},

{

"cache\_size": "66317961",

"sum\_service": "107396131838",

"host": "youku.com",

"filename": "0300080D0057E6989B921D080D48DDED09B06B-5EC4-6212-E037-A6BAFAC13160.mp4"

},

{

"cache\_size": "48410846",

"sum\_service": "79279449610",

"host": "miaopai.com",

"filename": "i5U82kEK32zXXMUJE0INrA\_\_.mp4"

},

{

"cache\_size": "39611025",

"sum\_service": "47834848261",

"host": "miaopai.com",

"filename": "UvjBleYB3RkFNx5Vqv7ieQ\_\_.mp4"

},

{

"cache\_size": "134567021",

"sum\_service": "46665104559",

"host": "miaopai.com",

"filename": "iNI~o1sZZMe3INTS5SpdMQ\_\_.mp4"

},

{

"cache\_size": "9810846",

"sum\_service": "36439087969",

"host": "miaopai.com",

"filename": "lgHV8MQVM0MAAfTv8BfCPA\_\_.mp4"

},

{

"cache\_size": "17576486",

"sum\_service": "35347410484",

"host": "qq.com",

"filename": "z03309m6hkp.mp4"

}

],

"videoLive": [

{

"cache\_size": "0",

"sum\_service": "500677477548",

"host": "pl8.live.panda.tv",

"filename": "d484e9848e75e85be0859ba29f0c6850"

},

{

"cache\_size": "0",

"sum\_service": "265727283928",

"host": "pl8.live.panda.tv",

"filename": "17580c14f842ec71680133fa961c4434"

},

{

"cache\_size": "0",

"sum\_service": "123447682265",

"host": "pl8.live.panda.tv",

"filename": "d484e9848e75e85be0859ba29f0c6850\_mid"

},

{

"cache\_size": "0",

"sum\_service": "109678455094",

"host": "pl7.live.panda.tv",

"filename": "fa48e0ec6f6662aa11e620c0540f423b"

},

{

"cache\_size": "0",

"sum\_service": "89396188215",

"host": "pl7.live.panda.tv",

"filename": "42eb1ee7d678a929b4a833d6154fd18f"

},

{

"cache\_size": "0",

"sum\_service": "78925677636",

"host": "pl7.live.panda.tv",

"filename": "669257d0b1793e2bd3c98e024d99462f"

},

{

"cache\_size": "0",

"sum\_service": "40301915404",

"host": "pl7.live.panda.tv",

"filename": "dbcb5219e367aaf19832c039a9da0446"

},

{

"cache\_size": "0",

"sum\_service": "32951907939",

"host": "pl8.live.panda.tv",

"filename": "057595ac05dfa5a2da4e849c3856f7cf"

},

{

"cache\_size": "0",

"sum\_service": "31782127985",

"host": "pl8.live.panda.tv",

"filename": "810bcf7efd5662024c6f040c96ad0a74"

},

{

"cache\_size": "0",

"sum\_service": "25668801191",

"host": "pl7.live.panda.tv",

"filename": "669257d0b1793e2bd3c98e024d99462f\_mid"

}

]

}

}

}

#### 5、算法及实现:

1. 分类型流量对比是通过operation\_stat和traffic\_stat+cdn\_traffic\_stat做占比得到的，同一个分类下的按照时间点来经行占比
2. 资源热榜从top\_stat表中按照hash分组，按照类型和时间，取sum\_service最大的前10个资源信息，直播取累加值(直播的cache\_size为0)

### 九、用户登录

注:

这个接口只能使用post传参

#### 技术要求

1. 创建cloud\_web\_v2.accounts表记录用户信息
2. 创建cloud\_web\_v2.session表记录session信息

#### 2、请求参数:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | index.php?c=user&a=login | | | |
| 参数名 | 参数类型 | 是否必须 | 默认值 | 备注 |
| username | 字符串 | 是 |  | 用户名 |
| password | 字符串 | 是 |  | 密码 |

#### 3、响应数据说明

|  |  |  |
| --- | --- | --- |
| username | 用户名 |  |
| user-last\_login\_time | 上次登录时间 |  |
| user-last\_login\_ip | 上次登录ip |  |
| user-password\_error\_num | 密码连续错误次数 |  |

#### 4、响应数据示例

{

"code": 1,

"result": null,

"data": {

"username": "jin123456bat",

"password": "jin2164389",

"user": {

"id": "5",

"username": "jin123456bat",

"password": "b99f1a1c875c4f200449dc55eb4b77a6",

"last\_login\_time": "2016-09-29 11:12:12",

"last\_login\_ip": "::1",

"password\_error\_num": "0"

}

}

}

### 十、用户注销

#### 1、请求参数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | index.php?c=user&a=logout | | | |
| 参数名 | 参数类型 | 是否必须 | 默认值 | 备注 |
| 无 | | | | |

#### 2、响应参数

无

### 十一、创建CDS分组

#### 1、技术要求

1. 创建cloud\_web\_v2.cds\_group表记录分组信息
2. 创建cloud\_web\_v2.cds\_group\_sn表记录分组下sn的号码

#### 2、请求参数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | index.php?c=cds\_group&a=add | | | |
| 参数名 | 参数类型 | 是否必须 | 默认值 | 备注 |
| name | string | 是 |  | 分组名称 |
| sn | 数组 | 是 |  | sn号 |

#### 3、响应参数说明

body是指添加的分组id

#### 4、响应参数示例

{

"code": 1,

"result": null,

"body":19

}

#### 5、算法及实现

### 十二、删除CDS分组

#### 1、技术要求

#### 2、请求参数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | index.php?c=cds\_group&a=remove | | | |
| 参数名 | 参数类型 | 是否必须 | 默认值 | 备注 |
| id | int | 是 |  | 分组id |

#### 3、响应参数说明

#### 4、响应参数示例

{

"code": 1,

"result": null

}

#### 5、算法及实现

### 十三、保存CDS分组

#### 1、技术要求

#### 2、请求参数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | index.php?c=cds\_group&a=save | | | |
| 参数名 | 参数类型 | 是否必须 | 默认值 | 备注 |
| id | int | 是 |  | 分组id |
| name | string | 是 |  | 分组名称 |
| sn | 数组 | 是 |  | sn号 |

#### 3、响应参数说明

#### 4、响应参数示例

{

"code": 1,

"result": null

}

#### 5、算法及实现

### 十四、CDS分组列表

#### 1、技术要求

#### 2、请求参数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 接口地址 | index.php?c=cds\_group&a=lists | | | |
| 参数名 | 参数类型 | 是否必须 | 默认值 | 备注 |
| 无 | | | | |

#### 3、响应参数说明

#### 4、响应参数示例

{

"code": 1,

"result": "ok",

"data": [

{

"id": "15",

"name": "3",

"sort": "1",

"sn": []

},

{

"id": "14",

"name": "3",

"sort": "1",

"sn": []

},

{

"id": "13",

"name": "3",

"sort": "1",

"sn": []

},

{

"id": "18",

"name": "哇哈哈",

"sort": "1",

"sn": [

"CAS0530000002"

]

},

{

"id": "16",

"name": "35",

"sort": "1",

"sn": []

},

{

"id": "17",

"name": "36",

"sort": "1",

"sn": [

"88",

"77"

]

},

{

"id": "19",

"name": "哇哈哈2",

"sort": "1",

"sn": [

"CAS0530000002"

]

}

]

}

#### 5、算法及实现