**1、激活告警数量查询**

* **请求URL：**

http://127.0.0.1:60012/WebService/ActiveAlarmCountForWeb?subsysId={subsysId}&level={level}

* **参数格式：**
* **请求方式：get**
* **参数：**

|  |  |  |  |
| --- | --- | --- | --- |
| **参数名** | **必选** | **类型** | **说明** |
| subsysId | 否 | int | 子系统id |
| level | 否 | int | 告警等级，紧急1、 严重/2、普通/3 |

* 返回示例,大小为3的整形集合。分表表示紧急告警、严重告警、普通告警的数量。

[10,12,13]

**2、激活告警24小时趋势查询**

* **请求URL：**

http://127.0.0.1:60012/WebService/ActiveAlarm24HCountForWeb?subsysId={subsysId}&level={level}

* **参数格式：**
* **请求方式：get**
* **参数：**

|  |  |  |  |
| --- | --- | --- | --- |
| **参数名** | **必选** | **类型** | **说明** |
| subsysId | 否 | int | 子系统id |
| level | 否 | int | 告警等级，紧急1、 严重/2、普通/3 |

* 返回示例，大小为24的整形集合。

[120,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,140]

**3、激活告警详情查询**

* **请求URL：**
* http://127.0.0.1:60012/WebService/ ActiveAlarmDetailsForWeb/ ?subsysId={subsysId}&level={level}&pageSize={pageSize}&pageNum={pageNum}
* **参数格式：**
* **请求方式：get**
* **参数：**

|  |  |  |  |
| --- | --- | --- | --- |
| **参数名** | **必选** | **类型** | **说明** |
| subsysId | 否 | int | 子系统id |
| level | 否 | int | 告警等级，紧急1、 严重/2、普通/3 |
| pageSize | 否(后台默认20) | int | 每页大小 |
| pageNum | 否 | Int | 第几页 |

* json返回示例：

{

"list" : [ {

"AlarmAcktime" : null,

"AlarmAckuser" : null,

"AlarmCode" : 990000069,

"AlarmDesc" : "灯杆上的大量设备发生告警",

"AlarmId" : 15793,

"AlarmLocation" : "",

"AlarmObjectid" : 130002118,

"AlarmProcdesc" : null,

"AlarmProctime" : null,

"AlarmProcuser" : "",

"AlarmRecovertime" : null,

"AlarmRecoveruser" : null,

"AlarmTime" : "/Date(1534901100000+0800)/",

"Status" : 0,

"SubsysId" : 100000045

}, {

"AlarmAcktime" : null,

"AlarmAckuser" : null,

"AlarmCode" : 990000069,

"AlarmDesc" : "灯杆上的大量设备发生告警",

"AlarmId" : 15788,

"AlarmLocation" : "",

"AlarmObjectid" : 130002009,

"AlarmProcdesc" : null,

"AlarmProctime" : null,

"AlarmProcuser" : "",

"AlarmRecovertime" : null,

"AlarmRecoveruser" : null,

"AlarmTime" : "/Date(1534901097000+0800)/",

"Status" : 0,

"SubsysId" : 100000045

}, {

"AlarmAcktime" : null,

"AlarmAckuser" : null,

"AlarmCode" : 990000069,

"AlarmDesc" : "灯杆上的大量设备发生告警",

"AlarmId" : 15783,

"AlarmLocation" : "",

"AlarmObjectid" : 130001998,

"AlarmProcdesc" : null,

"AlarmProctime" : null,

"AlarmProcuser" : "",

"AlarmRecovertime" : null,

"AlarmRecoveruser" : null,

"AlarmTime" : "/Date(1534901095000+0800)/",

"Status" : 0,

"SubsysId" : 100000045

}, {

"AlarmAcktime" : null,

"AlarmAckuser" : null,

"AlarmCode" : 990000069,

"AlarmDesc" : "灯杆上的大量设备发生告警",

"AlarmId" : 15774,

"AlarmLocation" : "",

"AlarmObjectid" : 130001997,

"AlarmProcdesc" : null,

"AlarmProctime" : null,

"AlarmProcuser" : "",

"AlarmRecovertime" : null,

"AlarmRecoveruser" : null,

"AlarmTime" : "/Date(1534901090000+0800)/",

"Status" : 0,

"SubsysId" : 100000045

}, {

"AlarmAcktime" : null,

"AlarmAckuser" : null,

"AlarmCode" : 990000069,

"AlarmDesc" : "灯杆上的大量设备发生告警",

"AlarmId" : 10483,

"AlarmLocation" : "",

"AlarmObjectid" : 130001996,

"AlarmProcdesc" : null,

"AlarmProctime" : null,

"AlarmProcuser" : "",

"AlarmRecovertime" : null,

"AlarmRecoveruser" : null,

"AlarmTime" : "/Date(1533261192000+0800)/",

"Status" : 0,

"SubsysId" : 100000045

}, {

"AlarmAcktime" : null,

"AlarmAckuser" : null,

"AlarmCode" : 990000069,

"AlarmDesc" : "灯杆上的大量设备发生告警",

"AlarmId" : 10475,

"AlarmLocation" : "",

"AlarmObjectid" : 130001995,

"AlarmProcdesc" : null,

"AlarmProctime" : null,

"AlarmProcuser" : "",

"AlarmRecovertime" : null,

"AlarmRecoveruser" : null,

"AlarmTime" : "/Date(1533256840000+0800)/",

"Status" : 0,

"SubsysId" : 100000045

} ],

"pageNum" : 29,

"pageSize" : 8,

"pages" : 29,

"total" : 230

}

**4、激活告警确认**

* **请求URL：**
* <http://127.0.0.1:60005/AlarmService/ConfirmActiveAlarm>
* **参数格式：**
* **请求方式：post**
* **ReturnCodeDTO ConfirmActiveAlarm(List<int> alarmId, string userName, string Desc)**
* **参数：{"Desc":"1222","alarmId":[1211,1212],"userName":"yk","ackTime":null}**
* **返回值:**

**{"ConfirmActiveAlarmResult":{"code":"","message":"","type":"S"}}**

**5、激活告警恢复**

* **请求URL：**
* [http://127.0.0.1:60005/AlarmService/](http://127.0.0.1:60005/AlarmService/ConfirmActiveAlarm)RecoveryActiveAlarm
* **参数格式：**
* **请求方式：post**
* **ReturnCodeDTO RecoveryActiveAlarm (List<int> alarmId, string userName, string Desc)**
* **参数：{"Desc":"1222","alarmId":[1211,1212],"userName":"yk","ackTime":null}**
* **返回值:**

**{"ConfirmActiveAlarmResult":{"code":"","message":"","type":"S"}}**

**6、历史告警数量查询**

* **请求URL：**
* <http://127.0.0.1:60012/WebService/>HistoryAlarmCountForWeb?startTime={startTime}&endTime={endTime}&subsysId={subsysId}&level={level}
* **参数格式：**
* **请求方式：get**
* **参数：**

|  |  |  |  |
| --- | --- | --- | --- |
| **参数名** | **必选** | **类型** | **说明** |
| subsysId | 否 | int | 子系统id |
| level | 否 | int | 告警等级，紧急1、 严重/2、普通/3 |
| startTime | 是 | long (毫秒值) | 1541001600000 |
| endTime | 是 | long (毫秒值) | 1541347200000 |

* 返回示例,大小为3的整形集合。分表表示紧急告警、严重告警、普通告警的数量。

[10,12,13]

**7、历史告警趋势查询**

* **请求URL：**

http://127.0.0.1:60012/WebService/HistoryAlarmTrendCountForWeb?startTime={startTime}&endTime={endTime}&subsysId={subsysId}&level={level}

* **参数格式：**
* **请求方式：get**
* **参数：**

|  |  |  |  |
| --- | --- | --- | --- |
| **参数名** | **必选** | **类型** | **说明** |
| subsysId | 否 | int | 子系统id |
| level | 否 | int | 告警等级，紧急1、 严重/2、普通/3 |
| startTime | 是 | long (毫秒值) | 1541001600000 |
| endTime | 是 | long (毫秒值) | 1541347200000 |

* **返回值：**

{

"countDic" : [ {

"Key" : "/Date(1540742400000+0800)/",

"Value" : 78

}, {

"Key" : "/Date(1540828800000+0800)/",

"Value" : 162

}, {

"Key" : "/Date(1540915200000+0800)/",

"Value" : 234

}, {

"Key" : "/Date(1541001600000+0800)/",

"Value" : 237

}, {

"Key" : "/Date(1541088000000+0800)/",

"Value" : 171

}, {

"Key" : "/Date(1541174400000+0800)/",

"Value" : 104

}, {

"Key" : "/Date(1541260800000+0800)/",

"Value" : 104

}, {

"Key" : "/Date(1541347200000+0800)/",

"Value" : 54

} ],

"dateType" : 2

}

* dateType含义：//(1:月 2:天 3:小时 其他:错误)

**8、历史告警详情查询**

* **请求URL：**
* http://127.0.0.1:60012/WebService/HistoryAlarmDetailsForWeb?startTime={startTime}&endTime={endTime}&subsysId={subsysId}&level={level}&pageSize={pageSize}&pageNum={pageNum}
* **参数格式：**
* **请求方式：get**
* **参数：**

|  |  |  |  |
| --- | --- | --- | --- |
| **参数名** | **必选** | **类型** | **说明** |
| subsysId | 否 | int | 子系统id |
| level | 否 | int | 告警等级，紧急1、 严重/2、普通/3 |
| pageSize | 否(后台默认20) | int | 每页大小 |
| pageNum | 否 | Int | 第几页 |

* json返回示例：

{

"list" : [ {

"AlarmAcktime" : "/Date(1541384093000+0800)/",

"AlarmAckuser" : "hi,admin",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25869,

"AlarmLocation" : "",

"AlarmObjectid" : 100000061,

"AlarmProcdesc" : "12321312",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541384100000+0800)/",

"AlarmRecoveruser" : "hi,admin",

"AlarmTime" : "/Date(1541379260000+0800)/",

"Status" : 3,

"SubsysId" : 100000061

}, {

"AlarmAcktime" : "/Date(1541399439000+0800)/",

"AlarmAckuser" : "hi,admin",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25859,

"AlarmLocation" : "",

"AlarmObjectid" : 100000044,

"AlarmProcdesc" : "1212",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541390011000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541379200000+0800)/",

"Status" : 3,

"SubsysId" : 100000044

}, {

"AlarmAcktime" : "/Date(1541400858000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25790,

"AlarmLocation" : "",

"AlarmObjectid" : 100000059,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325241000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314440000+0800)/",

"Status" : 3,

"SubsysId" : 100000059

}, {

"AlarmAcktime" : "/Date(1541400858000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25791,

"AlarmLocation" : "",

"AlarmObjectid" : 100000061,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325241000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314440000+0800)/",

"Status" : 3,

"SubsysId" : 100000061

}, {

"AlarmAcktime" : "/Date(1541400858000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25786,

"AlarmLocation" : "",

"AlarmObjectid" : 100000055,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325241000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314439000+0800)/",

"Status" : 3,

"SubsysId" : 100000055

}, {

"AlarmAcktime" : "/Date(1541400858000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25787,

"AlarmLocation" : "",

"AlarmObjectid" : 100000029,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325241000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314439000+0800)/",

"Status" : 3,

"SubsysId" : 100000029

}, {

"AlarmAcktime" : "/Date(1541400858000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25788,

"AlarmLocation" : "",

"AlarmObjectid" : 100000042,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325241000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314439000+0800)/",

"Status" : 3,

"SubsysId" : 100000042

}, {

"AlarmAcktime" : "/Date(1541400858000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25789,

"AlarmLocation" : "",

"AlarmObjectid" : 100000043,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325241000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314439000+0800)/",

"Status" : 3,

"SubsysId" : 100000043

}, {

"AlarmAcktime" : "/Date(1541400798000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25779,

"AlarmLocation" : "",

"AlarmObjectid" : 100000031,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325181000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314380000+0800)/",

"Status" : 3,

"SubsysId" : 100000031

}, {

"AlarmAcktime" : "/Date(1541400798000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25780,

"AlarmLocation" : "",

"AlarmObjectid" : 100000041,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325181000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314380000+0800)/",

"Status" : 3,

"SubsysId" : 100000041

}, {

"AlarmAcktime" : "/Date(1541400798000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25781,

"AlarmLocation" : "",

"AlarmObjectid" : 100000044,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325181000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314380000+0800)/",

"Status" : 3,

"SubsysId" : 100000044

}, {

"AlarmAcktime" : "/Date(1541400798000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25782,

"AlarmLocation" : "",

"AlarmObjectid" : 100000047,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325181000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314380000+0800)/",

"Status" : 3,

"SubsysId" : 100000047

}, {

"AlarmAcktime" : "/Date(1541400798000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25783,

"AlarmLocation" : "",

"AlarmObjectid" : 100000051,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325181000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314380000+0800)/",

"Status" : 3,

"SubsysId" : 100000051

}, {

"AlarmAcktime" : "/Date(1541400798000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25784,

"AlarmLocation" : "",

"AlarmObjectid" : 100000053,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325181000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314380000+0800)/",

"Status" : 3,

"SubsysId" : 100000053

}, {

"AlarmAcktime" : "/Date(1541400798000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25785,

"AlarmLocation" : "",

"AlarmObjectid" : 100000054,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541325181000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541314380000+0800)/",

"Status" : 3,

"SubsysId" : 100000054

}, {

"AlarmAcktime" : "/Date(1541390056000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25773,

"AlarmLocation" : "",

"AlarmObjectid" : 100000055,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541314439000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541303637000+0800)/",

"Status" : 3,

"SubsysId" : 100000055

}, {

"AlarmAcktime" : "/Date(1541390056000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25774,

"AlarmLocation" : "",

"AlarmObjectid" : 100000029,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541314439000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541303637000+0800)/",

"Status" : 3,

"SubsysId" : 100000029

}, {

"AlarmAcktime" : "/Date(1541390056000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25775,

"AlarmLocation" : "",

"AlarmObjectid" : 100000042,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541314439000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541303637000+0800)/",

"Status" : 3,

"SubsysId" : 100000042

}, {

"AlarmAcktime" : "/Date(1541390056000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25776,

"AlarmLocation" : "",

"AlarmObjectid" : 100000043,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541314439000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541303637000+0800)/",

"Status" : 3,

"SubsysId" : 100000043

}, {

"AlarmAcktime" : "/Date(1541390056000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 25777,

"AlarmLocation" : "",

"AlarmObjectid" : 100000059,

"AlarmProcdesc" : "[超时恢复][超时确认]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1541314439000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1541303637000+0800)/",

"Status" : 3,

"SubsysId" : 100000059

} ],

"pageNum" : 1,

"pageSize" : 20,

"pages" : 29,

"total" : 579

}

### 9、激活告警详情post方式查询

* **请求URL：**
* http://172.29.1.170:60005/AlarmService/ActiveAlarmDetailsForWeb
* **参数格式：**
* **请求方式：post**
* **参数：{"subsysId":null,"level":null,"pageSize":5,"pageNum":1}**
* json返回示例：

**{**

**"ActiveAlarmDetailsForWebResult" : {**

**"list" : [ {**

**"AlarmAcktime" : null,**

**"AlarmAckuser" : null,**

**"AlarmCode" : 990000045,**

**"AlarmDesc" : "适配器连接异常 ",**

**"AlarmId" : 29147,**

**"AlarmLocation" : "",**

**"AlarmObjectid" : 100000042,**

**"AlarmProcdesc" : null,**

**"AlarmProctime" : null,**

**"AlarmProcuser" : null,**

**"AlarmRecovertime" : null,**

**"AlarmRecoveruser" : null,**

**"AlarmTime" : "/Date(1542678091000+0800)/",**

**"Status" : 0,**

**"SubsysId" : 100000042**

**}, {**

**"AlarmAcktime" : null,**

**"AlarmAckuser" : null,**

**"AlarmCode" : 990000045,**

**"AlarmDesc" : "适配器连接异常 ",**

**"AlarmId" : 29146,**

**"AlarmLocation" : "",**

**"AlarmObjectid" : 100000043,**

**"AlarmProcdesc" : null,**

**"AlarmProctime" : null,**

**"AlarmProcuser" : null,**

**"AlarmRecovertime" : null,**

**"AlarmRecoveruser" : null,**

**"AlarmTime" : "/Date(1542677988000+0800)/",**

**"Status" : 0,**

**"SubsysId" : 100000043**

**}, {**

**"AlarmAcktime" : null,**

**"AlarmAckuser" : null,**

**"AlarmCode" : 990000045,**

**"AlarmDesc" : "适配器连接异常 ",**

**"AlarmId" : 29145,**

**"AlarmLocation" : "",**

**"AlarmObjectid" : 100000029,**

**"AlarmProcdesc" : null,**

**"AlarmProctime" : null,**

**"AlarmProcuser" : null,**

**"AlarmRecovertime" : null,**

**"AlarmRecoveruser" : null,**

**"AlarmTime" : "/Date(1542677928000+0800)/",**

**"Status" : 0,**

**"SubsysId" : 100000029**

**}, {**

**"AlarmAcktime" : null,**

**"AlarmAckuser" : null,**

**"AlarmCode" : 990000045,**

**"AlarmDesc" : "适配器连接异常 ",**

**"AlarmId" : 29144,**

**"AlarmLocation" : "",**

**"AlarmObjectid" : 100000053,**

**"AlarmProcdesc" : null,**

**"AlarmProctime" : null,**

**"AlarmProcuser" : null,**

**"AlarmRecovertime" : null,**

**"AlarmRecoveruser" : null,**

**"AlarmTime" : "/Date(1542677868000+0800)/",**

**"Status" : 0,**

**"SubsysId" : 100000053**

**}, {**

**"AlarmAcktime" : null,**

**"AlarmAckuser" : null,**

**"AlarmCode" : 990000045,**

**"AlarmDesc" : "适配器连接异常 ",**

**"AlarmId" : 29143,**

**"AlarmLocation" : "",**

**"AlarmObjectid" : 100000044,**

**"AlarmProcdesc" : null,**

**"AlarmProctime" : null,**

**"AlarmProcuser" : null,**

**"AlarmRecovertime" : null,**

**"AlarmRecoveruser" : null,**

**"AlarmTime" : "/Date(1542677808000+0800)/",**

**"Status" : 0,**

**"SubsysId" : 100000044**

**} ],**

**"pageNum" : 1,**

**"pageSize" : 5,**

**"pages" : 6,**

**"total" : 29**

**}**

**}**

### 10、历史告警详情post方式查询

* **请求URL：**
* http://172.29.1.170:60005/AlarmService/HistoryAlarmDetailsForWeb
* **参数格式：**
* **请求方式：post**
* **参数：{"subsysId":null,"level":null,"pageSize":5,"pageNum":1}**
* json返回示例：

{

"HistoryAlarmDetailsForWebResult" : {

"list" : [ {

"AlarmAcktime" : "/Date(1542670841000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 29134,

"AlarmLocation" : "",

"AlarmObjectid" : 100000042,

"AlarmProcdesc" : "[超时恢复]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1542678091000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1542667241000+0800)/",

"Status" : 3,

"SubsysId" : 100000042

}, {

"AlarmAcktime" : "/Date(1542670781000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 29133,

"AlarmLocation" : "",

"AlarmObjectid" : 100000043,

"AlarmProcdesc" : "[超时恢复]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1542677988000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1542667181000+0800)/",

"Status" : 3,

"SubsysId" : 100000043

}, {

"AlarmAcktime" : "/Date(1542670721000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 29132,

"AlarmLocation" : "",

"AlarmObjectid" : 100000029,

"AlarmProcdesc" : "[超时恢复]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1542677928000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1542667121000+0800)/",

"Status" : 3,

"SubsysId" : 100000029

}, {

"AlarmAcktime" : "/Date(1542670661000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 29131,

"AlarmLocation" : "",

"AlarmObjectid" : 100000053,

"AlarmProcdesc" : "[超时恢复]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1542677868000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1542667061000+0800)/",

"Status" : 3,

"SubsysId" : 100000053

}, {

"AlarmAcktime" : "/Date(1542670601000+0800)/",

"AlarmAckuser" : "超时确认",

"AlarmCode" : 990000045,

"AlarmDesc" : "适配器连接异常 ",

"AlarmId" : 29130,

"AlarmLocation" : "",

"AlarmObjectid" : 100000044,

"AlarmProcdesc" : "[超时恢复]",

"AlarmProctime" : null,

"AlarmProcuser" : null,

"AlarmRecovertime" : "/Date(1542677808000+0800)/",

"AlarmRecoveruser" : "超时恢复",

"AlarmTime" : "/Date(1542667001000+0800)/",

"Status" : 3,

"SubsysId" : 100000044

} ],

"pageNum" : 1,

"pageSize" : 5,

"pages" : 1493,

"total" : 7465

}

}

### 11、通过系统/模块id获取系统或模块的告警等级

|  |  |
| --- | --- |
| url | <http://127.0.0.1:60012/WebService/GetAlarmLevelByObjId?objIdList=110000058,110000059,110000060> |
| 请求方式 | Get |
| 返回值类型int | [{"Key":110000058,"Value":0},{"Key":110000059,"Value":0},{"Key":110000060,"Value":0}]  value值含义：0(无告警) 1(紧急告警) 2(严重告警) 3(普通告警) |

### 12、整体告警统计

#### 12.1各级别告警总数

|  |  |
| --- | --- |
| url | [http://127.0.0.1:60005/AlarmService/](http://127.0.0.1:60005/AlarmService/ConfirmActiveAlarm)AllAlarmLevel |
| 请求方式 | Post |
| 参数 | {"timeType":0} (0:天 1:周 2:月 3:年) |
| 返回值 | {"AllAlarmLevelResult":[{"Key":1,"Value":618},{"Key":2,"Value":0},{"Key":3,"Value":0}]} |

#### 12.2各子系统告警总数

|  |  |
| --- | --- |
| url | [http://127.0.0.1:60005/AlarmService/](http://127.0.0.1:60005/AlarmService/ConfirmActiveAlarm)AllAlarmSubCount |
| 请求方式 | Post |
| 参数 | {"timeType":0} |
| 返回值 | {"AllAlarmSubCountResult":[{"Key":100000029,"Value":47},{"Key":100000031,"Value":47},{"Key":100000041,"Value":48},{"Key":100000042,"Value":47},{"Key":100000043,"Value":47},{"Key":100000044,"Value":47},{"Key":100000047,"Value":47},{"Key":100000051,"Value":47},{"Key":100000053,"Value":47},{"Key":100000054,"Value":49},{"Key":100000055,"Value":48},{"Key":100000059,"Value":48},{"Key":100000061,"Value":49},{"Key":100000062,"Value":0}]} |

#### 12.3告警类型top10

|  |  |
| --- | --- |
| url | <http://172.29.1.170:60005/AlarmService/AllAlarmTypeTop10> |
| 请求方式 | Post |
| 参数 | {"timeType":0} |
| 返回值 | {"AllAlarmTypeTop10Result":[{"Key":990000045,"Value":618}]} |

#### 12.4告警设备类型top10

|  |  |
| --- | --- |
| url | <http://172.29.1.170:60005/AlarmService/AllAlarmDeviceTop10> |
| 请求方式 | Post |
| 参数 | {"timeType":0} |
| 返回值 | {"AllAlarmDeviceTop10Result":[]} |

#### 12.5各模块告警总数

|  |  |
| --- | --- |
| url | <http://172.29.1.170:60005/AlarmService/AllAlarmModuleCount> |
| 请求方式 | Post |
| 参数 | {"timeType":0} |
| 返回值 | {"AllAlarmModuleCountResult":null} |

#### 12.6各子系统告警状态

|  |  |
| --- | --- |
| url | <http://172.29.1.170:60005/AlarmService/AllAlarmSubStatus> |
| 请求方式 | Post |
| 参数 | {"timeType":0} |
| 返回值 | {"AllAlarmSubStatusResult":[{"Key":100000029,"Value":[47,2,45]},{"Key":100000031,"Value":[47,2,45]},{"Key":100000041,"Value":[48,2,46]},{"Key":100000042,"Value":[47,2,45]},{"Key":100000043,"Value":[47,2,45]},{"Key":100000044,"Value":[47,2,45]},{"Key":100000047,"Value":[47,2,45]},{"Key":100000051,"Value":[47,2,45]},{"Key":100000053,"Value":[47,2,45]},{"Key":100000054,"Value":[49,2,47]},{"Key":100000055,"Value":[48,2,46]},{"Key":100000059,"Value":[48,2,46]},{"Key":100000061,"Value":[49,2,47]},{"Key":100000062,"Value":[0,0,0]}]} |

### 13、子系统告警统计

#### 13.1各级别告警总数

|  |  |
| --- | --- |
| url | [http://127.0.0.1:60005/AlarmService/](http://127.0.0.1:60005/AlarmService/ConfirmActiveAlarm)SubAlarmLevel |
| 请求方式 | Post |
| 参数 | {"timeType":0,"subsysId":100000029} (0:天 1:周 2:月 3:年) |
| 返回值 | {"SubAlarmLevelResult":[{"Key":1,"Value":47},{"Key":2,"Value":0},{"Key":3,"Value":0}]} |

#### 13.2告警趋势

|  |  |
| --- | --- |
| url | [http://127.0.0.1:60005/AlarmService/](http://127.0.0.1:60005/AlarmService/ConfirmActiveAlarm)SubAlarmTrend |
| 请求方式 | Post |
| 参数 | {"timeType":0,"subsysId":100000029} |
| 返回值 | {"SubAlarmTrendResult":[0,1,0,0,1,0,0,1,0,0,1,0,0,1,0]} |

#### 13.3告警类型top10

|  |  |
| --- | --- |
| url | <http://172.29.1.170:60005/AlarmService/SubAlarmType10> |
| 请求方式 | Post |
| 参数 | {"timeType":0,"subsysId":100000029} |
| 返回值 | {"SubAlarmType10Result":[{"Key":990000045,"Value":47}]} |

#### 13.4告警设备top10

|  |  |
| --- | --- |
| url | <http://172.29.1.170:60005/AlarmService/SubAlarmDeviceObject10> |
| 请求方式 | Post |
| 参数 | {"timeType":0,"subsysId":100000029} |
| 返回值 | {"SubAlarmDeviceObject10Result":[]} |

#### 13.5告警设备类型top10

|  |  |
| --- | --- |
| url | [http://172.29.1.170:60005/AlarmService/SubAlarmDeviceType10](http://172.29.1.170:60005/AlarmService/AllAlarmModuleCount) |
| 请求方式 | Post |
| 参数 | {"timeType":0,"subsysId":100000029} |
| 返回值 | {"SubAlarmDeviceType10Result":[]} |

#### 13.6告警状态

|  |  |
| --- | --- |
| url | <http://172.29.1.170:60005/AlarmService/SubAlarmStatusTrend> |
| 请求方式 | Post |
| 参数 | {"timeType":0,"subsysId":100000029} |
| 返回值 | {"SubAlarmStatusTrendResult":[0,0,0,1,0,1,0,0,0,0,0,0,1,0,1,0,0,0,0,0,0,1,0,1,0,0,0,0,0,0,1,0,1,0,0,0,0,0,0,1,0,1,0,0,0]} |

### 14、设备告警统计

#### 14.1设备告警等级统计

|  |  |
| --- | --- |
| url | [http://127.0.0.1:60005/AlarmService/](http://127.0.0.1:60005/AlarmService/ConfirmActiveAlarm)DevAlarmLevel |
| 请求方式 | Post |
| 参数 | {"timeType":0," deviceId": 130001980} (0:天 1:周 2:月 3:年) |
| 返回值 | {"DevAlarmLevelResult":[]} |

#### 14.2设备告警趋势

|  |  |
| --- | --- |
| url | <http://172.29.1.170:60005/AlarmService/>DevAlarmTrend |
| 请求方式 | Post |
| 参数 | {"timeType":0," deviceId": 130001980} |
| 返回值 | {"DevAlarmTrendResult":[]} |

#### 14.3设备告警类型趋势

|  |  |
| --- | --- |
| url | <http://172.29.1.170:60005/AlarmService/DevAlarmTypeTrend> |
| 请求方式 | Post |
| 参数 | {"timeType":0," deviceId": 130001980, "alarmCode":980023456} |
| 返回值 | {"DevAlarmTypeTrendResult":[]} |

List<int> DevAlarmTypeTrend(int timeType, int deviceId, int alarmCode);

#### 14.4设备告警状态趋势

|  |  |
| --- | --- |
| url | <http://172.29.1.170:60005/AlarmService/DevAlarmStatusTrend> |
| 请求方式 | Post |
| 参数 | {"timeType":0," deviceId": 130001980} |
| 返回值 | {"DevAlarmStatusTrendResult":[]} |