**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,

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