

Basic Information:

Identifier: "/0005"

Platform: "Linux"

Model: "SecurityGuardManageService.cgi"

API Path: "/SecurityGuardManageService.cgi"

Version: "1.2.0"

API for Web Interface:

1. Get Information:

Method: POST, GET

Request URL: /SecurityGuardManageService.cgi

Request Data: action=load

Description:

Use this api to get information for security guard manage service.

| Parameter Name        | Unit    | Possible Values     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|---------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| mode                  | Integer | 1 or 2              | <p>Current mode of security guard.</p> <ul style="list-style-type: none"><li>1 means enter security protected mode. Once enter this mode, secure scene will be executed once and send secure event to all the external interface. And then, if any trigger happened, this module will send http alarm event to all the external interface.</li><li>2 means enter unprotected mode. Once enter this mode, unsecure scene will be executed once and send unsecure event to all the external interface.</li></ul> <p>Once this item become "1", item "secure_mode" will also become "1".Once this item become "2", item "secure_mode" will also become "0".</p> |
| active                | Boolean | true or false       | Enable or disable security guard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| secure_mode           | Integer | 0 ~ 9               | <p>The secure mode that current used.</p> <ul style="list-style-type: none"><li>0 means enter unprotected mode.</li><li>1 ~ 9 means enter the specific protected mode.</li></ul> <p>Once this item change to "0", item "mode" will also change to "2".Once this item change to "1" ~ "9", item "mode" will also change to "1".</p>                                                                                                                                                                                                                                                                                                                           |
| security_mode_setting |         |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| security_mode_setting | Column  |                     | This column contain the detail setting for each security mode.(From mode 0 to mode 9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| mode_0                | Column  |                     | This column contain the setting for security mode 0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| mode_1 to mode_9      | Column  |                     | This column contain the setting for security mode 1 ~ 9.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| mode_x -> name        | String  | empty or any string | User defined security mode's label.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| activate_scene        | Integer | 1 ~ 255             | The scene's id that will be execute when enter this security mode.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| monitor_devices       | Column  |                     | The alarm device list that need to be monitor in this security mode. This column only available when "secure_mode" is 1 ~ 9.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| id                    | Integer | 1 ~ 255             | The identifier for this monitor device.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| source_type           | Integer | 1 or 2              | <ul style="list-style-type: none"><li>1 means this is zwave device.</li><li>2 means this is MOXA DI device.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| node_id               | Integer | 1 ~ 232             | The zwave device's node id. This item only available when item "source_type" is "1".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| device_id             | Integer | 1 ~ 255             | The MOXA device's id. This item only available when item "source_type" is "2".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| endpoint_id           | Integer | 0 ~ 255             | The DI endpoint id in MOXA device. This item only available when item "source_type" is "2".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| actions               | Column  |                     | The action list that will be execute when alarm occur or enter this security mode.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| id                    | Integer | 1 ~ 255             | The identifier for this action.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| source_event          | Integer | 1 or 2              | <ul style="list-style-type: none"><li>1 means this is activate event.</li><li>2 means this is alarm event.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| action_type           | Integer | 1 or 2              | <ul style="list-style-type: none"><li>1 means this is zwave scene.</li><li>2 means this is MOXA endpoint.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

|                         |         |                           |                                                                                                                        |
|-------------------------|---------|---------------------------|------------------------------------------------------------------------------------------------------------------------|
| scene_id                | Integer | 1 ~ 255                   | The scene's id that will be execute. This item only available when item " <b>action_type</b> " is " <b>1</b> ".        |
| device_id               | Integer | 1 ~ 255                   | The MOXA device's id. This item only available when item " <b>action_type</b> " is " <b>2</b> ".                       |
| endpoint_id             | Integer | 0 ~ 255                   | The <b>DO</b> endpoint id in MOXA device. This item only available when item " <b>action_type</b> " is " <b>2</b> ".   |
| state                   | String  | "ON" or "OFF"             | The DO endpoint state that will be execute. This item only available when item " <b>action_type</b> " is " <b>2</b> ". |
| delay                   | Integer | 0 ~ 86400000              | The delay in milliseconds before this action execute.                                                                  |
| external_interface_list |         |                           |                                                                                                                        |
| external_interface_list | Column  |                           | This column contain the detail setting for each external interface device.                                             |
| id                      | Integer | 1 ~ 255                   | The column id for this interface.                                                                                      |
| active                  | Boolean | true or false             | Enable or disable this interface.                                                                                      |
| name                    | String  | Empty or any string       | User defined name for this interface.                                                                                  |
| ipaddr                  | String  | IP Address or Domain Name | The address for this interface.                                                                                        |
| port                    | Integer | 1 ~ 65535                 | The port number for this interface.                                                                                    |
| account                 | String  | Empty or any string       | Specific account for connecting to this interface, if any.                                                             |
| password                | String  | Empty or any string       | Specific password for connecting to this interface, if any.                                                            |
| secure_event            | String  | Empty or any string       | Specify which event need to send when entering security protected mode.                                                |
| unsecure_event          | String  | Empty or any string       | Specify which event need to send when entering unprotected mode.                                                       |
| alarm_event             | String  | Empty or any string       | Specify which event need to send when device alarm.                                                                    |

Example request data:

|             |
|-------------|
| action=load |
|-------------|

Example response:

```
{
  "version" : "1.2.0",
  "mode" : 1,
  "active" : true,
  "secure_mode" : 1,
  "secure_mode_setting" : {
    "mode_0" : {
      "name" : "",
      "activate_scene" : 3,
      "actions" : [
        { "id" : 1, "source_event" : 1, "action_type" : 1, "scene_id" : 12, "delay" : 0 },
        { "id" : 2, "source_event" : 2, "action_type" : 2, "device_id" : 1, "endpoint_id" : 4, "state" : "ON", "delay" : 0 },
        { "id" : 3, "source_event" : 2, "action_type" : 2, "device_id" : 1, "endpoint_id" : 4, "state" : "OFF", "delay" : 60000 }
      ]
    },
    "mode_1" : {
      "name" : "Security Mode 1",
      "activate_scene" : 4,
      "monitor_devices" : [
        { "id" : 1, "source_type" : 1, "node_id" : 25 },
        { "id" : 2, "source_type" : 2, "device_id" : 1, "endpoint_id" : 2 }
      ],
      "actions" : [
        { "id" : 1, "source_event" : 2, "action_type" : 1, "scene_id" : 11, "delay" : 0 }
      ]
    },
    "mode_2" : { "name" : "Mode 2", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_3" : { "name" : "Mode 3", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_4" : { "name" : "Mode 4", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_5" : { "name" : "Mode 5", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_6" : { "name" : "Mode 6", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_7" : { "name" : "Mode 7", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_8" : { "name" : "Mode 8", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_9" : { "name" : "Mode 9", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
  },
  "external_interface_list" : [
    {
      "id" : 1,
      "active" : true,
      "name" : "Front Door DoorPhone",
      "ipaddr" : "192.168.1.101",
      "port" : 80,
      "account" : "admin",
      "password" : "admin",
      "secure_event" : "/myEventHandler.cgi?event=Protected",
      "unsecure_event" : "/myEventHandler.cgi?event=UnProtected",
      "alarm_event" : "/myEventHandler.cgi?event=alarm"
    }
  ]
}
```

```
{
  "id" : 2,
  "active" : true,
  "name" : "Back Door DoorPhone",
  "ipaddr" : "192.168.1.150",
  "port" : 80,
  "account" : "admin",
  "password" : "admin",
  "secure_event" : "/myEventHandler.cgi?event=Protected",
  "unsecure_event" : "/myEventHandler.cgi?event=UnProtected",
  "alarm_event" : "/myEventHandler.cgi?event=alarm"
}
```

## 2. Enable/Disable Security Guard:

**Method:** POST, GET

**Request URL:** /SecurityGuardManageService.cgi

**Request Data:** action=update&active=<true or false>

### Description:

Enable or Disable security guard.

Example request data:

```
action=update&active=true
```

Example response:

```
{
  "version" : "1.2.0",
  "mode" : 2,
  "active" : true,
  "secure_mode" : 0,
  "secure_mode_setting" : {
    "mode_0" : { "name" : "", "activate_scene" : 0, "actions" : [] },
    "mode_1" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
  },
  "external_interface_list" : [
  ]
}
```

## 3. Get Security Mode:

**Method:** POST, GET

**Request URL:** /SecurityGuardManageService.cgi

**Request Data:** action=getMode

### Description:

Use this api to get current security mode.

Example request data:

```
action=getMode
```

Example response:

```
{
  "version" : "1.2.0",
  "mode" : 2,
  "active" : true,
  "secure_mode" : 0
}
```

```
}

```

## 4. Update Security Mode:

Method: POST, GET

Request URL: /SecurityGuardManageService.cgi

Request Data: action=update&secure\_mode=<new secure mode>[&client\_id=<custom id>]

### Description:

Use this api to change security mode.

Note:

"client\_id" : Is used to identify the client. If specify, the mode change event will contain this parameter.

Example request data:

```
action=update&secure_mode=4

```

Example response:

```
{
  "version" : "1.2.0",
  "mode" : 1,
  "active" : true,
  "secure_mode" : 4,
  "secure_mode_setting" : {
    "mode_0" : { "name" : "", "activate_scene" : 0, "actions" : [] },
    "mode_1" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
  },
  "external_interface_list" : [
  ]
}
```

## 5. Toggle Security Mode:

Method: POST, GET

Request URL: /SecurityGuardManageService.cgi

Request Data: action=toggle\_mode[&client\_id=<custom id>]

### Description:

Use this api to toggle the security mode.

If item "**mode**" is "**1**" will be switch to mode "**2**" and item "**secure\_mode**" will change to "**0**".

If item "**mode**" is "**2**" will be switch to mode "**1**" and item "**secure\_mode**" will change to "*last usage secure mode*".

Note:

"client\_id" : Is used to identify the client. If specify, the mode change event will contain this parameter.

Example request data:

```
action=toggle_mode

```

Example response:

```
{
  "version" : "1.2.0",
  "mode" : 2,
  "active" : true,
  "secure_mode" : 0,
  "secure_mode_setting" : {
    "mode_0" : { "name" : "", "activate_scene" : 0, "actions" : [] },

```

```

        "mode_1" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
    },
    "external_interface_list" : [
    ]
}

```

## 6. Update Activate Scene:

**Method:** POST, GET

**Request URL:** /SecurityGuardManageService.cgi

**Request Data:** action=update\_mode&mode\_id=<the target secure mode id>&activate\_scene=<the target scene id>

**Description:**

Use this api to set the activate scene for target security mode.

Example request data:

```
action=update_mode&mode_id=0&activate_scene=5
```

Example response:

```

{
    "version" : "1.2.0",
    "mode" : 2,
    "active" : true,
    "secure_mode" : 0,
    "secure_mode_setting" : {
        "mode_0" : { "name" : "", "activate_scene" : 5, "actions" : [] },
        "mode_1" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
    },
    "external_interface_list" : [
    ]
}

```

## 7. Update Security Mode Name:

**Method:** POST, GET

**Request URL:** /SecurityGuardManageService.cgi

**Request Data:** action=update\_mode&mode\_id=<the target secure mode id>&name=<the new mode name>

**Description:**

Use this api to change the secure mode's name.

Example request data:

```
action=update_mode&mode_id=1&name=Security Mode 1
```

Example response:

```

{
    "version" : "1.2.0",
    "mode" : 2,
    "active" : true,
    "secure_mode" : 0,
    "secure_mode_setting" : {
        "mode_0" : { "name" : "", "activate_scene" : 5, "actions" : [] },

```

```

        "mode_1" : { "name" : "Security Mode 1", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
    },
    "external_interface_list" : [
    ]
}

```

## 8. Add New ZWave Monitor Device:

**Method:** POST, GET

**Request URL:** /SecurityGuardManageService.cgi

**Request Data:** action=add\_monitor&mode\_id=<the target secure mode id>&source\_type=1&node\_id=<target zwave device's node id>

### Description:

Use this api to add zwave device to the monitor list.

Note: mode\_id 0 is not available.

Example request data:

```

action=add_monitor&mode_id=1&source_type=1&node_id=33

```

Example response:

```

{
    "version" : "1.2.0",
    "mode" : 2,
    "active" : true,
    "secure_mode" : 0,
    "secure_mode_setting" : {
        "mode_0" : { "name" : "", "activate_scene" : 5, "actions" : [] },
        "mode_1" : {
            "name" : "Security Mode 1",
            "activate_scene" : 0,
            "monitor_devices" : [
                { "id" : 1, "source_type" : 1, "node_id" : 33 }
            ],
            "actions" : []
        },
        "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
    },
    "external_interface_list" : [
    ]
}

```

## 9. Add New MOXA DI Monitor Device:

**Method:** POST, GET

**Request URL:** /SecurityGuardManageService.cgi

**Request Data:** action=add\_monitor&mode\_id=<the target secure mode id>&source\_type=2&device\_id=<MOXA device id>&endpoint\_id=<DI endpoint id>

### Description:

Use this api to add MOXA DI endpoint to the monitor list.

Example request data:

```
action=add_monitor&mode_id=1&source_type=2&device_id=1&endpoint_id=2
```

Example response:

```
{
  "version" : "1.2.0",
  "mode" : 2,
  "active" : true,
  "secure_mode" : 0,
  "secure_mode_setting" : {
    "mode_0" : { "name" : "", "activate_scene" : 5, "actions" : [] },
    "mode_1" : {
      "name" : "Security Mode 1",
      "activate_scene" : 0,
      "monitor_devices" : [
        { "id" : 1, "source_type" : 1, "node_id" : 33 },
        { "id" : 2, "source_type" : 2, "device_id" : 1, "endpoint_id" : 2 }
      ],
      "actions" : []
    },
    "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
  },
  "external_interface_list" : [
  ]
}
```

## 10. Remove Specific Monitor Device:

Method: POST, GET

Request URL: /SecurityGuardManageService.cgi

Request Data: action=remove\_monitor&mode\_id=<the target secure mode id>&monitor\_id=<target monitor device's id>

Description:

Use this api to remove current monitor device from list.

Example request data:

```
action=remove_monitor&mode_id=1&monitor_id=2
```

Example response:

```
{
  "version" : "1.2.0",
  "mode" : 2,
  "active" : true,
  "secure_mode" : 0,
  "secure_mode_setting" : {
    "mode_0" : { "name" : "", "activate_scene" : 5, "actions" : [] },
    "mode_1" : {
      "name" : "Security Mode 1",
      "activate_scene" : 0,
      "monitor_devices" : [
        { "id" : 1, "source_type" : 1, "node_id" : 33 }
      ],
      "actions" : []
    },
    "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
  },
  "external_interface_list" : [
  ]
}
```

## 11. Add New ZWave Scene Action:

Method: POST, GET

Request URL: /SecurityGuardManageService.cgi

Request Data: action=add\_action&mode\_id=<the target secure mode id>&action\_type=1&source\_event=<the source event to handle>&scene\_id=<the target scene id to be execute>[&delay=<the delay before this action execute>]

Description:

Use this api to add scene to the action list.

Example request data:

```
action=add_action&mode_id=1&action_type=1&source_event=2&scene_id=10&delay=1000
```

Example response:

```
{
  "version" : "1.2.0",
  "mode" : 2,
  "active" : true,
  "secure_mode" : 0,
  "secure_mode_setting" : {
    "mode_0" : { "name" : "", "activate_scene" : 5, "actions" : [] },
    "mode_1" : {
      "name" : "Security Mode 1",
      "activate_scene" : 0,
      "monitor_devices" : [
        { "id" : 1, "source_type" : 1, "node_id" : 33 }
      ],
      "actions" : [
        { "id" : 1, "source_event" : 2, "action_type" : 1, "scene_id" : 10, "delay" : 1000 }
      ]
    },
    "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
  },
  "external_interface_list" : [
  ]
}
```

12. Add New MOXA DO Action:

Method: POST, GET

Request URL: /SecurityGuardManageService.cgi

Request Data: action=add\_action&mode\_id=<the target secure mode id>&action\_type=2&source\_event=<the source event to handle>&device\_id=<MOXA device id>&endpoint\_id=<DO endpoint id>&state=<the target state to change>[&delay=<the delay before this action execute>]

Description:

Use this api to add MOXA endpoint control to the action list.

Example request data:

```
action=add_action&mode_id=1&action_type=2&source_event=2&device_id=2&endpoint_id=3&state=ON
```

Example response:

```
{
  "version" : "1.2.0",
  "mode" : 2,
  "active" : true,
  "secure_mode" : 0,
  "secure_mode_setting" : {
    "mode_0" : { "name" : "", "activate_scene" : 5, "actions" : [] },
    "mode_1" : {
      "name" : "Security Mode 1",
      "activate_scene" : 0,
      "monitor_devices" : [
        { "id" : 1, "source_type" : 1, "node_id" : 33 }
      ],
      "actions" : [
```

```

    { "id" : 1, "source_event" : 2, "action_type" : 1, "scene_id" : 10, "delay" : 1000 },
    { "id" : 2, "source_event" : 2, "action_type" : 2, "device_id" : 2, "endpoint_id" : 3, "state" : "ON", "delay" : 0 }
  ]
},
"mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
"mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
"mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
"mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
"mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
"mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
"mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
"mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
},
"external_interface_list" : [
]
}

```

### 13. Remove Specific Action:

**Method:** POST, GET

**Request URL:** /SecurityGuardManageService.cgi

**Request Data:** action=remove\_action&mode\_id=<the target secure mode id>&action\_id=<the target action id>

**Description:**

Use this api to remove specific action from list.

**Example request data:**

```
action=remove_action&mode_id=1&action_id=2
```

**Example response:**

```

{
  "version" : "1.2.0",
  "mode" : 2,
  "active" : true,
  "secure_mode" : 0,
  "secure_mode_setting" : {
    "mode_0" : { "name" : "", "activate_scene" : 5, "actions" : [] },
    "mode_1" : {
      "name" : "Security Mode 1",
      "activate_scene" : 0,
      "monitor_devices" : [
        { "id" : 1, "source_type" : 1, "node_id" : 33 }
      ],
      "actions" : [
        { "id" : 1, "source_event" : 2, "action_type" : 1, "scene_id" : 10, "delay" : 1000 }
      ]
    },
    "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
  },
  "external_interface_list" : [
  ]
}

```

### 14. Add New External Interface:

**Method:** POST, GET

**Request URL:** /SecurityGuardManageService.cgi

**Request Data:** action=add\_interface&name=<interface's name>&ipaddr=<ip address>&port=<port number>[&secure\_event=<the url needed to send>][&unsecure\_event=<the url needed to send>][&alarm\_event=<the url needed to send>][&account=<receiver's account>&password=<receiver's password>]

**Description:**

Use this api to create an new external interface. "secure\_event", "unsecure\_event" and "alarm\_event" is option.

Example request data:

```
action=add_interface&name=Front Door DoorPhone&ipaddr=192.168.3.123&port=80
```

Example response:

```
{
  "version" : "1.2.0",
  "mode" : 2,
  "active" : true,
  "secure_mode" : 0,
  "secure_mode_setting" : {
    "mode_0" : { "name" : "", "activate_scene" : 5, "actions" : [] },
    "mode_1" : {
      "name" : "Security Mode 1",
      "activate_scene" : 0,
      "monitor_devices" : [
        { "id" : 1, "source_type" : 1, "node_id" : 33 }
      ],
      "actions" : [
        { "id" : 1, "source_event" : 2, "action_type" : 1, "scene_id" : 10, "delay" : 1000 }
      ]
    },
    "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
  },
  "external_interface_list" : [
    {
      "id" : 1,
      "active" : true,
      "name" : "Front Door DoorPhone",
      "ipaddr" : "192.168.3.123",
      "port" : 80,
      "account" : "",
      "password" : "",
      "secure_event" : "",
      "unsecure_event" : "",
      "alarm_event" : ""
    }
  ]
}
```

## 15. Enable/Disable External Interface:

Method: POST, GET

Request URL: /SecurityGuardManageService.cgi

Request Data: action=update\_interface&id=<external interface id>&active=<true or false>

Description:

Use this api to enable or disable the external interface.

Example request data:

```
action=update_interface&id=1&active=false
```

Example response:

```
{
  "version" : "1.2.0",
  "mode" : 2,
  "active" : true,
  "secure_mode" : 0,
  "secure_mode_setting" : {
    "mode_0" : { "name" : "", "activate_scene" : 5, "actions" : [] },
    "mode_1" : {
      "name" : "Security Mode 1",
      "activate_scene" : 0,
      "monitor_devices" : [
        { "id" : 1, "source_type" : 1, "node_id" : 33 }
      ],
      "actions" : [
        { "id" : 1, "source_event" : 2, "action_type" : 1, "scene_id" : 10, "delay" : 1000 }
      ]
    },
    "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
  },
  "external_interface_list" : [
    {
      "id" : 1,
      "active" : false,
      "name" : "Front Door DoorPhone",
      "ipaddr" : "192.168.3.123",
      "port" : 80,
      "account" : "",
      "password" : "",
      "secure_event" : "",
      "unsecure_event" : "",
      "alarm_event" : ""
    }
  ]
}
```

```

        "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
    },
    "external_interface_list" : [
        {
            "id" : 1,
            "active" : false,
            "name" : "Front Door DoorPhone",
            "ipaddr" : "192.168.3.123",
            "port" : 80,
            "account" : "",
            "password" : "",
            "secure_event" : "",
            "unsecure_event" : "",
            "alarm_event" : ""
        }
    ]
}

```

## 16. Update External Interface:

Method: POST, GET

Request URL: /SecurityGuardManageService.cgi

Request Data: action=update\_interface&id=<external interface id>[&name=<external interface name>][&ipaddr=<ip address>][&port=<port number>][&secure\_event=<the url needed to send>][&unsecure\_event=<the url needed to send>][&alarm\_event=<the url needed to send>][&account=<receiver's account>&password=<receiver's password>]

### Description:

Use this api to update external interface information.

Example request data:

```

action=update_interface&id=1&secure_event=/myEvent.cgi?event=secure&unsecure_event=/myEvent.cgi?event=unsecure&alarm_event=/myEvent.cgi?event=alarm

```

Example response:

```

{
    "version" : "1.2.0",
    "mode" : 2,
    "active" : true,
    "secure_mode" : 0,
    "secure_mode_setting" : {
        "mode_0" : { "name" : "", "activate_scene" : 5, "actions" : [] },
        "mode_1" : {
            "name" : "Security Mode 1",
            "activate_scene" : 0,
            "monitor_devices" : [
                { "id" : 1, "source_type" : 1, "node_id" : 33 }
            ],
            "actions" : [
                { "id" : 1, "source_event" : 2, "action_type" : 1, "scene_id" : 10, "delay" : 1000 }
            ]
        },
        "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
        "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
    },
    "external_interface_list" : [
        {
            "id" : 1,
            "active" : false,
            "name" : "Front Door DoorPhone",
            "ipaddr" : "192.168.3.123",
            "port" : 80,
            "account" : "",
            "password" : "",
            "secure_event" : "/myEvent.cgi?event=secure",
            "unsecure_event" : "/myEvent.cgi?event=unsecure",
            "alarm_event" : "/myEvent.cgi?event=alarm"
        }
    ]
}

```

```
]
}
```

## 17. Remove External Interface:

Method: POST, GET

Request URL: /SecurityGuardManageService.cgi

Request Data: action=remove\_interface&id=<external interface id>

### Description:

Use this api to remove external interface.

Example request data:

```
action=remove_interface&id=1
```

Example response:

```
{
  "version" : "1.2.0",
  "mode" : 2,
  "active" : true,
  "secure_mode" : 0,
  "secure_mode_setting" : {
    "mode_0" : { "name" : "", "activate_scene" : 5, "actions" : [] },
    "mode_1" : {
      "name" : "Security Mode 1",
      "activate_scene" : 0,
      "monitor_devices" : [
        { "id" : 1, "source_type" : 1, "node_id" : 33 }
      ],
      "actions" : [
        { "id" : 1, "source_event" : 2, "action_type" : 1, "scene_id" : 10, "delay" : 1000 }
      ]
    },
    "mode_2" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_3" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_4" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_5" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_6" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_7" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_8" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] },
    "mode_9" : { "name" : "", "activate_scene" : 0, "monitor_devices" : [], "actions" : [] }
  },
  "external_interface_list" : [
  ]
}
```