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GetAccHistData

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GetAvgHistData

RMM Restful API

Wireless IoT Sensing Embedded Remote Monitoring and Management RMM-Server Web Services (REST API)

1.0.0 ▼

APIInfoMgmt

APIInfoMgmt

1.0.0 ▼

Retrieve all management resources, and API version.

GET

/APIInfoMgmt

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "Mgmt": {
      "item": [
        "AccountMgmt",
        "Auth",
```

GetDeviceData (HTTP Cache)
GetDeviceData
GetDeviceDataRT (HTTP Cache)
GetDeviceDataRT
GetHeartBeatRate
GetHistData (HTTP Cache)
GetHistData
GetMaxHistData (HTTP Cache)
GetMaxHistData
GetMinHistData (HTTP Cache)
GetMinHistData
GetRegularReportParams
GetSensorID
SetDevHeartBeatRate
SetDeviceData
StartRegularReport
StartRegularReportRT
StopRegularReport

DEVICEGROUPMGMT

GetGroupAndAccount
GetGroupByAccount

DEVICELOCATION

GetHistDeviceLoc (HTTP Cache)
GetHistDeviceLoc
GetLastDeviceLoc (HTTP Cache)
GetLastDeviceLoc

```
"DashboardMgmt",  
"DeviceCtl",  
"DeviceGroupMgmt",  
"DeviceLocation",  
"DeviceMapMgmt",  
"DeviceMgmt",  
"EventMgmt",  
"HwMonitorMgmt",  
"KVMgmt",  
"MsgNotify",  
"NoSQLMgmt",  
"PowerMgmt",  
"ProtectionMgmt",  
"RecoveryMgmt",  
"RedundancyMgmt",  
"RoleMgmt",  
"RuleMgmt",  
"SQLMgmt",  
"SwMonitorMgmt",  
"ServerMgmt",  
"SettingMgmt",  
"ShareMgmt",  
"SubServerMgmt",  
"TerminalMgmt"  
    ],  
},  
"totalsize": 26,  
"version": "3.2.0"  
}  
}
```

SetDeviceLoc

DEVICEMAPMGMT

GetDeviceByMap

GetMapAndAccount

DEVICEMGMT

FuzzySearch

GetDevByName

GetGroupById

GetIAMTState

GetSensorInfo

GroupFuzzySearch

SetIAMT

EVENTMGMT

ExportEvent

FuzzySearch

GetAccountAccEvt

GetAccountHistEvt

GetDevAccEvt

GetDevHistEvt

GetEventPeriod

Long-polling

GOOGLESIGNIN

tokensignin

HWMONITORMGMT

APIInfoMgmt - GetEncryptPwd

1.0.0 ▼

Retrieve encrypted password from original password.

GET

/APIInfoMgmt/getEncryptPwd/<pwd>

URL Parameter

Field	Type	Description
pwd	string	Password

Response Example(json)

[Response Example\(xml\)](#)

```
{
  { "encryptPwd" : "Tv1BY1VYlizUC5Ae3smP9g==" }
}
```

APIInfoMgmt - XmlToJsonTrans

1.0.0 ▼

Translate the XML to JSON or JSON to XML format.

POST

/APIInfoMgmt/xmlToJsonTrans

GetHDDData
GetHWDData
GetNetworkData

KVMMGMT

GetScreenshot

LDAPMGMT

login

MSGNOTIFY

SendEmail

SendSMS

NOSQLMGMT

CreateCollection

DelData

InsertData

QryData

UpdateData

POWERMGMT

AddPowerSch

CheckSchName

DelPowerSch

EditPowerSch

FuzzySearch

GetGroupAndAccount

GetGroupAndAccount

Request Example(json)

Request Example(xml)

```
{
  "request": {
    "account": {
      "item": [
        {
          "@name": "username",
          "@value": "Kevin"
        },
        {
          "@name": "password",
          "@value": "KevinPwd"
        }
      ]
    }
  }
}
```

Response Example(json)

Response Example(xml)

```
{
  "request": {
    "account": {
      "item": [
        {
          "@name": "username",
          "@value": "Kevin"
        },
        {
          "@name": "password",
          "@value": "KevinPwd"
        }
      ]
    }
  }
}
```

GetGroupByID
GetLastBootupTime
GetMacList
GetPowerSch
GetPowerTime
GroupFuzzySearch

PROTECTIONMGMT

CheckSN
FuzzySearch
GetGroupAndAccount
GetGroupByID
GroupFuzzySearch

RECOVERYMGMT

AddRecoverySch
CheckSN
DelRecoverySch
EditRecoverySch
FuzzySearch
GetGroupAndAccount
GetGroupByID
GetRecoverySch
GroupFuzzySearch

REDUNDANCYMGMT

ROLEMGMT

```
}  
]  
}  
}  
}
```

AccountMgmt

AccountMgmt

1.0.0 ▼

Delete specific account by account ID.

DELETE

/AccountMgmt/<primary-key>

URL Parameter

Field	Type	Description
Primary-key	long	Account ID

Response Example(json)

Response Example(xml)

```
{
```

SQLMGMT

CreateTable

DelData

GetTableInfo

InsertData

QryData

UpdateData

SWMONITORMGMT

GetSWData

KillProcess

ResetProcess

SERVERMGMT

DelDeviceData

GetHeartBeatRate

GetHistSystem

GetWebSrvStatus

SetHeartBeatRate

SETTINGMGMT

GetIPList

GetNextSchReport

SHAREMGMT

FuzzySearch

GetShareAccount

```
"result": true
}
```

AccountMgmt

1.0.0 ▾

Edit account information.

PUT

/AccountMgmt

Request Example(json)

Request Example(xml)

```
{
  "request": {
    "account": {
      "item": [
        {
          "@name": "aid",
          "@value": "18"
        },
        {
          "@name": "username",
          "@value": "Kevin"
        },
        {
          "@name": "password",
          "@value": "Kevin"
        }
      ]
    }
  }
}
```

SUBSERVERMGMT

DelSubServer

TERMINALMGMT

GetTerminalRes

UPGRADEMGMT

GetOTAPkgInfo

GetOTAPkgInfoBydid

GetOTAUploadMsg

GetRemoveMsg

GetUpgradeMsg

GetUploadingPkgName

RemoveOTAPkg

Upgrade_ota

Upload_ota

```
{
  {
    "@name": "role_id",
    "@value": "1"
  },
  {
    "@name": "desc",
    "@value": "Project Supervisor"
  },
  {
    "@name": "email1",
    "@value": "kevin@advantech.com.tw"
  },
  {
    "@name": "email2",
    "@value": "kevin@gmail.com"
  },
  {
    "@name": "phone",
    "@value": "+886-910369369"
  },
  {
    "@name": "recvmail",
    "@value": "true"
  },
  {
    "@name": "recvsms",
    "@value": "false"
  }
}
]
```

Body Content

Field		Type	Description
aid		string	Account ID
password	optional	string	Password
role_id	optional	string	Role ID
desc	optional	string	Description
email1	optional	string	First Email
email2	optional	string	Second Email
phone	optional	string	Phone Number
recvmail	optional	boolean	Exist Received Email
recvsms	optional	boolean	Exist Received SMS

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

AccountMgmt

1.0.0 ▾

Edit specific account information by account id. Not each item required, put the item that you want

to modify.

PUT

/AccountMgmt/<primary-key>

Request Example(json)

Request Example(xml)

```
{
  "request": {
    "account": {
      "item": [
        {
          "@name": "name",
          "@value": "Kevin"
        },
        {
          "@name": "pass",
          "@value": ""
        },
        {
          "@name": "role_id",
          "@value": "1"
        },
        {
          "@name": "desc",
          "@value": "Project Supervisor"
        },
        {
          "@name": "email1",
          "@value": "kevin@advantech.com.tw"
        }
      ]
    }
  }
}
```

```
        "@name": "email2",
        "@value": "kevin@gmail.com"
      },
      {
        "@name": "phone",
        "@value": "+886-910369369"
      },
      {
        "@name": "recvmail",
        "@value": "true"
      },
      {
        "@name": "recvsms",
        "@value": "false"
      }
    ]
  }
}
```

URL Parameter

Field	Type	Description
Primary-key	long	Account ID

Body Content

Field	Type	Description
username optional	string	Username
password optional	string	Password
role_id optional	string	Role ID

desc	optional	string	Description
email1	optional	string	First Email
email2	optional	string	Second Email
phone	optional	string	Phone Number
recvmail	optional	boolean	Exist Received Email
recvsms	optional	boolean	Exist Received SMS

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

AccountMgmt

1.0.0 ▾

Retrieve all accounts information.

GET

```
/AccountMgmt
```

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "item": [
      {
        "active": true,
        "aid": 2,
        "desc": "System admin",
        "email1": "admin@mail.com",
        "lasteventid": 28,
        "password": "forUIShow",
        "recvmail": true,
        "recvsms": false,
        "rid": 1,
        "rolename": "admin",
        "ts": "2013-02-04 12:00:00.000",
        "username": "admin"
      },
      {
        "active": false,
        "aid": 16,
        "desc": "Project Supervisor",
        "email1": "kevin@advantech.com.tw",
        "email2": "kevin@gmail.com",
        "lasteventid": 31,
        "password": "forUIShow",
        "phone": "+886-910369369",
        "recvmail": true,
        "recvsms": false,
        "rid": 1,
        "rolename": "admin",
        "ts": "2015-02-11 16:16:20.203",
        "username": "Kevin"
      }
    ]
  },
}
```

```
    "totalsize": 2
  }
}
```

AccountMgmt

1.0.0 ▾

Retrieve specific account information by account ID.

GET

/AccountMgmt/<primary-key>

URL Parameter

Field	Type	Description
Primary-key	long	Account ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": {
      "active": true,
      "aid": 2,
      "desc": "System admin",
      "email1": "admin@mail.com",
      "lasteventid": 28,
      "password": "forUIShow",

```

```
    "recvmail": true,  
    "recvsms": false,  
    "rid": 1,  
    "rolename": "admin",  
    "ts": "2013-02-04 12:00:00.000",  
    "username": "admin"  
  }  
}  
}
```

AccountMgmt

1.0.0 ▾

Add account information.

POST

/AccountMgmt

Request Example(json)

[Request Example\(xml\)](#)

```
{  
  "request": {  
    "account": {  
      "item": [  
        {  
          "@name": "username",  
          "@value": "Kevin"  
        },  
        {
```

```
        "@name": "password",
        "@value": "123"
    },
    {
        "@name": "role_id",
        "@value": "1"
    },
    {
        "@name": "desc",
        "@value": "Project Supervisor"
    },
    {
        "@name": "email1",
        "@value": "kevin@advantech.com.tw"
    },
    {
        "@name": "email2",
        "@value": "kevin@gmail.com"
    },
    {
        "@name": "phone",
        "@value": "+886-910369369"
    },
    {
        "@name": "recvmail",
        "@value": "true"
    },
    {
        "@name": "recvsms",
        "@value": "false"
    }
]
}
```

```
}
```

Body Content

Field		Type	Description
username		string	Username
password		string	Password
role_id		string	Role ID
email1		string	First Email
email2	optional	string	Second Email
desc	optional	string	Description
phone	optional	string	Phone Number
recvmail	optional	boolean	Exist Received Email
recvsms	optional	boolean	Exist Received SMS

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "aid": 18,
    "ts": "2015-02-11 16:23:55.537"
  }
}
```


AccountMgmt - ActivateAccount

1.0.0 ▾

The API is for activating the new account which not activated. The token can be obtained from validation mail.

POST

/AccountMgmt/activateAccount

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "account": {
      "token": "c8rW9sprDKK1i96iR"
    }
  }
}
```

Body Content

Field	Type	Description
Token	string	token for Activating

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

AccountMgmt - EditPwd

1.0.0 ▾

Allow user to change password.

PUT

/AccountMgmt/editPwd

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": [
      {
        "@name": "username",
        "@value": "Kevin"
      },
      {
        "@name": "password",
        "@value": "Kevin"
      },
      {
        "@name": "newpassword",
        "@value": "KevinPwd"
      }
    ]
  }
}
```

Body Content

Field	Type	Description
username	string	Username
password	string	Password
newpassword	string	New Password

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

AccountMgmt - ForgotPwd

1.0.0 ▼

Send account password to account's e-mail.

POST

/AccountMgmt/forgotPwd

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
```

```
"item": {
  "@name": "email",
  "@value": "abc@gmail.com"
}
}
```

Body Content

Field	Type	Description
email	string	Address of Email

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

AccountMgmt - FuzzySearch

1.0.0 ▾

Retrieve account information from condition.

POST

/AccountMgmt/fuzzySearch

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "clause": {
      "item": {
        "@name": "privilege",
        "@value": "admin"
      }
    },
    "like": {
      "@value": ""
    },
    "orderby": {
      "item": {
        "@name": "ts",
        "@value": "desc"
      }
    },
    "resultfilter": {
      "item": [
        {
          "@name": "page size",
          "@value": "10"
        },
        {
          "@name": "page no",
          "@value": "1"
        }
      ]
    }
  }
}
```

Body Content

Field	Type	Description
clause	string[]	Each item is "And" operation in SQL query.(privilege - role name)
like	string	Each value within space is "OR" operation in SQL query.
Orderby	string	Order by which field and in DESCending or ASCending(Field: aid, name, password, rid, description, email, email2, phone, active, ts) Allowed values: <code>"DESC"</code> , <code>"ASC"</code>
Resultfilter	string	get the SQL result with specific range by page size and page number, default page size is 20 (Maximum: 100), and number is 1.

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": [
      {
        "active": false,
        "aid": 18,
        "desc": "Project Supervisor",
        "email1": "kevin@advantech.com.tw",
        "email2": "kevin@gmail.com",
        "lasteventid": 34,
        "password": "forUIShow",
        "phone": "+886-910369369",
        "recvmail": true,

```

```
    "recvsms": false,
    "rid": 1,
    "rolename": "admin",
    "ts": "2015-02-11 16:23:55.537",
    "username": "Kevin"
  },
  {
    "active": true,
    "aid": 2,
    "desc": "System admin",
    "email1": "admin@mail.com",
    "lasteventid": 28,
    "password": "forUIShow",
    "recvmail": true,
    "recvsms": false,
    "rid": 1,
    "rolename": "admin",
    "ts": "2013-02-04 12:00:00.000",
    "username": "admin"
  }
],
"totalsize": 2
}
```

AccountMgmt - GetAccount

1.0.0 ▼

Retrieve specific account information by account name.

GET

/AccountMgmt/getAccount/<name>

URL Parameter

Field	Type	Description
name	string	Account Name

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": {
      "active": false,
      "aid": 18,
      "desc": "Project Supervisor",
      "email1": "kevin@advantech.com.tw",
      "email2": "kevin@gmail.com",
      "lasteventid": 34,
      "password": "forUIShow",
      "phone": "+886-910369369",
      "recvmail": true,
      "recvsms": false,
      "rid": 1,
      "rolename": "admin",
      "ts": "2015-02-11 16:23:55.537",
      "username": "Kevin"
    }
  }
}
```


AccountMgmt - Login

1.0.0 ▾

The API for account login, and return permission result.

POST

/AccountMgmt/login

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": [
      {
        "@name": "username",
        "@value": "admin"
      },
      {
        "@name": "password",
        "@value": "admin"
      }
    ]
  }
}
```

Body Content

Field	Type	Description
username	string	Username

password

string

Password

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "role": {
      "@name": "admin",
      "account": {
        "@id": "2"
      },
    },
    "active": true,
    "lastevtID": 28,
    "tag": [
      "a",
      "b",
      "c",
      "d",
      "e",
      "f",
      "g",
      "h",
      "i",
      "j",
      "k",
      "l",
      "m",
      "n",
      "o",
      "p",
      "q"
    ]
  }
}
```

```
}  
}  
}
```

AccountMgmt - Logout

1.0.0 ▾

The API for account logout, and record this event.

POST

/AccountMgmt/logout

Request Example(json)

[Request Example\(xml\)](#)

```
{  
  "request": {  
    "item": {  
      "@name": "username",  
      "@value": "Kevin"  
    }  
  }  
}
```

Response Example(json)

[Response Example\(xml\)](#)

```
{  
  "result": true  
}
```

AccountMgmt - RegisterAccount

1.0.0 ▼

The API is for registering a new account. If the new account is registered successfully, it will send the validation mail for activating the new account.

POST

/AccountMgmt/registerAccount

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "account": {
      "item": [
        {
          "@name": "username",
          "@value": "Kevin"
        },
        {
          "@name": "password",
          "@value": "KevinPwd"
        },
        {
          "@name": "email1",
          "@value": "kevin@advantech.com.tw"
        }
      ]
    }
  }
}
```

```
        "@name": "email2",
        "@value": "kevin@gmail.com"
    },
    {
        "@name": "desc ",
        "@value": "IPC Group1"
    },
    {
        "@name": "phone",
        "@value": "+886-910369369"
    },
    {
        "@name": "serverip",
        "@value": "http://127.0.0.1:8084/"
    },
    {
        "@name": "lang",
        "@value": "zh_tw"
    }
  ]
}
}
```

Body Content

Field	Type	Description
username	string	User Name
password	string	Password
email1	string	First Email Address
serverip	string	Server IP

lang		string	Used Language
email2	optional	string	Second Email Address
desc	optional	string	Description
phone	optional	string	Phone Number

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

Auth

Auth - Accesstable

1.0.0 ▾

A http request is used to exchange user credentials for an access token.

POST

```
/Auth/accesstable?<Token>
```

URL Parameter

Field	Type	Description
	string	

URL-Parameter Pattern:

Accesstoken=eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJhdWQiOiJ7e2Fkdi13aXNLLXBhYXMtcn

Response Example(json)

```
{
  "result" : {
    "role" : {
      "@name" : "admin",
      "account" : {
        "@id" : "2"
      },
      "lastevtID" : 30,
      "active" : true,
      "tag" : [ "a", "b", "c", "d", "e", "f", "g", "h", "i", "j" ]
    }
  }
}
```

Auth - Authorize

1.0.0 ▾

Revoke an access token.

GET

/Auth/authorize?<URL-Parameter>

URL Parameter

Field	Type	Description
response_type	string	code or token(Authorization Code Grant Flow or Implicit Grant Flow in RFC6749)
client_id	string	Client ID Allowed values: RMM
state	string	Internal State
redirect_uri	string	Redirect URI

URL-Parameter Pattern:

response_type=<response_type>&client_id=<client_id>&state=<state>&redirect_uri=<red

Response Example(Success)

HTTP/1.1 302 Found
Cache-Control: no-store
Pragma: no-cache
Location: http://localhost:8080/oauth/authorization/?page_code=<page_code>

Auth - Revoke

1.0.0 ▾

Revoke an access token.

POST

/Auth/revoke

Head Content

Field	Type	Description
Accesstoken	string	Bearer[token]

Response Example(Success)

[Response Example\(Not authorized\)](#)

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=UTF-8
Cache-Control: no-store
Pragma: no-cache
```

Auth - Token

1.0.0 ▾

A http request is used to exchange user credentials for an access token.

POST

/Auth/token?<URL-Parameter>

URL Parameter with Password

Field	Type	Description
grant_type	string	Resource Owner Password Credentials Grant Flow in RFC6749 Allowed values: <code>password</code>
username	string	The username to authenticate.
password	string	The password to authenticate.
token	string	The access token.

URL Parameter with Authorization Code

Field	Type	Description
grant_type	string	Authorization Code Grant Flow in RFC6749 Allowed values: <code>authorization_code</code>
code	string	The Auth Code (From “/Auth/ authorize? <Query_Component>”)
redirect_uri	string	The Redirect URI (From “/Auth/ authorize? <Query_Component>”)

URL-Parameter Pattern with Password:

[URL-Parameter Pattern with Authorization Code:](#)

```
grant_type=password&username=<username>&password=<password>
```

Response Example(Success)

Response Example(unauthorized client)

Response Example(unsupported grant_type)

Response Example(invalid request)

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=UTF-8
Cache-Control: no-store
Pragma: no-cache

{
  "access_token":"2YotnFZFEjr1zCsicMWpAA",
  "token_type":" Bearer",
  "expires_in":3600,
}
```

DashboardMgmt

DashboardMgmt

1.0.0 ▼

Retrieve all dashboards information.

GET

/DashboardMgmt

```
{
  "result": {
    "item": {
      "accountName": "admin",
      "accountid": 2,
      "content": {
        "allow_edit": true,
        "panes": [
          {
            "col": {
              "3": 1
            },
            "col_width": 1,
            "width": 1,
            "row": {
              "3": 1
            },
            "widgets": [
              {
                "settings": {
                  "borderColorOfGrid": "#222",
                  "chartWidth": 300,
                  "yaxisMin": 0,
                  "yaxisMax": 100,
                  "charttype": "bar",
                  "lineColorOfGrid": "#222",
                  "backgroundOfGrid": "#000",
                  "title": "Temperature",
                  "value": "datasources[\"Temperature Fora\"][\"result\"]",
                  "chartHeight": 300,
                  "height": 5
                }
              }
            ]
          }
        ]
      }
    }
  }
}
```

```

        },
        "type": "jqPlotBarWidget"
    }
]
},
],
"datasources": [
{
    "settings": {
        "handler": "FORAIoTHandler",
        "name": "Temperature Fora",
        "refresh": 5,
        "senhub": "NULL",
        "source": "/FORA/Temperature",
        "user": "2",
        "device": "000014DAE996BE04"
    },
    "name": "Temperature Fora",
    "type": "realtime"
}
],
"plugins": [],
"columns": 3,
"version": 1
},
"did": 1,
"sequence": 1,
"sheet": "NewBoard",
"ts": "2015-10-02 13:24:30.709"
},
"totalsize": 1
}
}

```

DashboardMgmt

1.0.0 ▾

Retrieve specific dashboard information.

GET

/DashboardMgmt/<id>

URL Parameter

Field	Type	Description
id	long	Dashboard id

Response Example(json)

```
{
  "result": {
    "item": {
      "accountName": "admin",
      "accountid": 2,
      "content": {
        "allow_edit": true,
        "panes": [
          {
            "col": {
              "3": 1
            },
            "col_width": 1,
            "width": 1,

```

```

        "row": {
            "3": 1
        },
        "widgets": [
            {
                "settings": {
                    "borderColorOfGrid": "#222",
                    "chartWidth": 300,
                    "yaxisMin": 0,
                    "yaxisMax": 100,
                    "charttype": "bar",
                    "lineColorOfGrid": "#222",
                    "backgroundOfGrid": "#000",
                    "title": "Temperature",
                    "value": "datasources[\"Temperature Fora\"][\"result\"][\"value\"]",
                    "chartHeight": 300,
                    "height": 5
                },
                "type": "jqPlotBarWidget"
            }
        ]
    },
    "datasources": [
        {
            "settings": {
                "handler": "FORAIoTHandler",
                "name": "Temperature Fora",
                "refresh": 5,
                "senhub": "NULL",
                "source": "/FORA/Temperature",
                "user": "2",
                "device": "000014DAE996BE04"
            }
        }
    ]
}

```

```
        "name": "Temperature Fora",
        "type": "realtime data"
    },
    ],
    "plugins": [],
    "columns": 3,
    "version": 1
},
"did": 1,
"sequence": 1,
"sheet": "NewBoard",
"ts": "2015-10-02 13:24:30.709"
},
"totalsize": 1
}
}
```

DeviceCtl

DeviceCtl - GetAccHistData (HTTP Cache)

1.0.0 ▾

Retrieve the accumulate of device sensors value from range of date.

GET

/DeviceCtl/getAccHistData?<URL-Parameter>

URL Parameter

Field	Type	Description
strBeginTs	string	Time of Begin
strEndTs	string	Time of End
id	string	Agent ID
hdr	string	Handler Name
strSensorIds	string	Sensor ID(The format is ?sensorID1 sensorID2 ? and every sensorID is separated by ? ??

URL-Parameter Pattern:

```
handler=<hdr>&agentId=<id>&beginTs=<strBeginTs>&endTs=<strEndTs>&sensorId=<strSensorIds>
```

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "itemList": [
      {
        "sensorId": "/Hardware Monitor/Voltage/5V Standby",
        "unitVal": "2015-05",
        "val": 15.042
      },
      {
        "sensorId": "/Hardware Monitor/Voltage/12V",
        "unitVal": "2015-05",
```

```
        "val": 35.658
      },
    ],
    "unit": "Month"
  }
}
```

DeviceCtl - GetAccHistData

1.0.0 ▾

Retrieve the accumulate of device sensors value from range of date.

POST

/DeviceCtl/getAccHistData

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "beginTs": "2015-03-20 14:56:00",
    "endTs": "2015-04-20 15:05:00",
    "item": {
      "agentId": "0000000BAB39A520",
      "handler": "SUSIControl",
      "sensorId": [
        "/Hardware Monitor/Voltage/12V",
        "/Hardware Monitor/Voltage/5V Standby"
      ]
    }
  }
}
```

```
}  
}
```

Body Content

Field	Type	Description
beginTs	string	Time of Begin
endTs	string	Time of End
agentid	string	Agent ID
handler	string	Handler Name
sensorid	string	Sensor ID

Response Example(json)

[Response Example\(xml\)](#)

```
{  
  "result": {  
    "itemList": [  
      {  
        "sensorId": "/Hardware Monitor/Voltage/5V Standby",  
        "unitVal": "2015-05",  
        "val": 15.042  
      },  
      {  
        "sensorId": "/Hardware Monitor/Voltage/12V",  
        "unitVal": "2015-05",  
        "val": 35.658  
      }  
    ],  
  },  
}
```

```
        "unit": "Month"
    }
}
```

DeviceCtl - GetAvgHistData (HTTP Cache)

1.0.0 ▾

Retrieve the average of device sensors value from range of date.

GET

/DeviceCtl/getAvgHistData?<URL-Parameter>

URL Parameter

Field	Type	Description
strBeginTs	string	Time of Begin
strEndTs	string	Time of End
id	string	Agent ID
hdr	string	Handler Name
strSensorIds	string	Sensor ID(The format is ?sensorID1 sensorID2 ? and every sensorID is separated by ? ??

URL-Parameter Pattern:

handler=<hdr>&agentId=<id>&beginTs=<strBeginTs>&endTs=<strEndTs>&sensorId=<strSensorIds>

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "itemList": [
      {
        "sensorId": "/Hardware Monitor/Voltage/5V Standby",
        "unitVal": "2015-05",
        "val": 5.014
      },
      {
        "sensorId": "/Hardware Monitor/Voltage/12V",
        "unitVal": "2015-05",
        "val": 11.886
      }
    ],
    "unit": "Month"
  }
}
```

DeviceCtl - GetAvgHistData

1.0.0 ▼

Retrieve the average of device sensors value from range of date.

POST

/DeviceCtl/getAvgHistData

```
{
  "request": {
    "beginTs": "2015-03-20 14:56:00",
    "endTs": "2015-04-20 15:05:00",
    "item": {
      "agentId": "0000000BAB39A520",
      "handler": "SUSIControl",
      "sensorId": [
        "/Hardware Monitor/Voltage/12V",
        "/Hardware Monitor/Voltage/5V Standby"
      ]
    }
  }
}
```

Body Content

Field	Type	Description
beginTs	string	Time of Begin
endTs	string	Time of End
agentid	string	Agent ID
handler	string	Handler Name
sensorid	string	Sensor ID

```
{
  "result": {
    "itemList": [
      {
        "sensorId": "/Hardware Monitor/Voltage/5V Standby",
        "unitVal": "2015-05",
        "val": 5.014
      },
      {
        "sensorId": "/Hardware Monitor/Voltage/12V",
        "unitVal": "2015-05",
        "val": 11.886
      }
    ],
    "unit": "Month"
  }
}
```

DeviceCtl - GetDeviceData (HTTP Cache)

1.0.0 ▼

Retreive the lastest sensor or handler data reported data from database, depend on sensorId existed.

GET

/DeviceCtl/getDeviceData?<URL-Parameter>

URL Parameter

Field	Type	Description
-------	------	-------------

id	string	Agent ID
hdr	string	Handler Name
strSensorIds	string	Sensor ID(The format is ?sensorID1 sensorID2 ? and every sensorID is separated by ? ??

URL-Parameter Pattern:

handler=<hdr>&agentId=<id>&sensorId=<strSensorIds>

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "itemList": [
      {
        "sensorId": "/Hardware Monitor/Voltage/V33",
        "ts": "Tue Dec 30 17:00:00 CST 2014",
        "v": 18.2
      },
      {
        "bv": true,
        "sensorId": "/Hardware Monitor/Fan Speed/CPU",
        "ts": "Tue Dec 30 17:00:00 CST 2014"
      }
    ]
  }
}
```


DeviceCtl - GetDeviceData

1.0.0 ▾

Retreive the lastest sensor or handler data reported data from database, depend on sensorId existed.

POST

/DeviceCtl/getDeviceData

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "agentId": "0000AAAABBBB0001",
    "handler": "SUSIControl",
    "sensorId": [
      "/Hardware Monitor/Voltage/V33",
      "/Hardware Monitor/Fan Speed/CPU"
    ]
  }
}
```

Body Content

Field	Type	Description
agentid	string	Agent ID
handler	string	Handler Name
sensorid	string	Sensor ID

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "itemList": [
      {
        "sensorId": "/Hardware Monitor/Voltage/V33",
        "ts": "Tue Dec 30 17:00:00 CST 2014",
        "v": 18.2
      },
      {
        "bv": true,
        "sensorId": "/Hardware Monitor/Fan Speed/CPU",
        "ts": "Tue Dec 30 17:00:00 CST 2014"
      }
    ]
  }
}
```

DeviceCtl - GetDeviceDataRT (HTTP Cache)

1.0.0 ▼

Retrieve device sensor value in real-time.

GET

/DeviceCtl/getDeviceDataRT?<URL-Parameter>

URL Parameter

Field	Type	Description
id	string	Agent ID
hdr	string	Handler Name
strSensorIds	string	Sensor ID(The format is ?sensorID1 sensorID2 ? and every sensorID is separated by ? ??

URL-Parameter Pattern:

handler=<hdr>&agentId=<id>&sensorId=<strSensorIds>

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "itemList": [
      {
        "sensorId": "SUSIControl/Hardware Monitor/Voltage/5V",
        "statusCode": 200,
        "v": 5.056
      },
      {
        "sensorId": "SUSIControl/Hardware Monitor/Voltage/12V",
        "statusCode": 200,
        "v": 12.288
      }
    ]
  }
}
```

DeviceCtl - GetDeviceDataRT

1.0.0 ▾

Retrieve device sensor value in real-time.

POST

/DeviceCtl/getDeviceDataRT

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": {
      "agentId": "00000000BAB39A520",
      "handler": "SUSIControl",
      "sensorId": [
        "/Hardware Monitor/Voltage/5V",
        "/Hardware Monitor/Voltage/12V"
      ]
    }
  }
}
```

Body Content

Field	Type	Description
agentid	string	Agent ID
handler	string	Handler Name

sensorid	string	Sensor ID
----------	--------	-----------

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "itemList": [
      {
        "sensorId": "SUSIControl/Hardware Monitor/Voltage/5V",
        "statusCode": 200,
        "v": 5.056
      },
      {
        "sensorId": "SUSIControl/Hardware Monitor/Voltage/12V",
        "statusCode": 200,
        "v": 12.288
      }
    ]
  }
}
```

DeviceCtl - GetHeartBeatRate

1.0.0 ▾

Retrieve the device heartbeat rate.

GET

/DeviceCtl/getHeartBeatRate/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "request": {
    "heartBeatRate" : 60
  }
}
```

DeviceCtl - GetHistData (HTTP Cache)

1.0.0 ▼

Retrieve the history of device sensors value from begin or end timestamp. The maximum number of value is 10000. The order only effective on beginTs/endTs are existed.

GET

/DeviceCtl/getHistData?<URL-Parameter>

URL Parameter

Field	Type	Description
strAmount optional	string	Amount of result, default is 10000
strEndTs	string	Time of End

id	string	Agent ID
hdr	string	Handler Name
strSensorIds	string	Sensor ID(The format is ?sensorID1 sensorID2 ? and every sensorID is separated by ? ??

URL-Parameter Pattern:

handler=<hdr>&agentId=<id>&beginTs=<strBeginTs>&endTs=<strEndTs>&sensorId=<strSensorIds>

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "itemList": [
      {
        "sensorId": "/Hardware Monitor/Voltage/12V",
        "ts": "2016-03-30 00:22:05:974",
        "val": "11.906"
      },
      {
        "sensorId": "/Hardware Monitor/Voltage/12V",
        "ts": "2016-03-30 00:21:55:962",
        "val": "11.906"
      }
    ],
    "totalSize": "2"
  }
}
```

DeviceCtl - GetHistData

1.0.0 ▾

Retrieve the history of device sensors value from begin or end timestamp. The maximum number of value is 10000. The order only effective on beginTs/endTs are existed.

POST

/DeviceCtl/getHistData

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "amount": "1000",
    "beginTs": "2016-01-14 00:46:34:000",
    "endTs": "2016-02-18 06:13:00:000",
    "item": {
      "agentId": "0000000BAB374520",
      "handler": "SUSIControl",
      "sensorId": "/Hardware Monitor/Voltage/12V"
    },
    "order": "asc"
  }
}
```

Body Content

Field	Type	Description
beginTs	string	Time of Begin

endTs	string	Time of End
order	string	Order Method Allowed values: <code>"asc"</code> , <code>"desc"</code>
amount optional	number	Amount of result, default is 10000
agentid	string	Agent ID
handler	string	Handler Name
sensorid	string	Sensor ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "itemList": [
      {
        "sensorId": "/Hardware Monitor/Voltage/12V",
        "ts": "2016-03-30 00:22:05:974",
        "val": "11.906"
      },
      {
        "sensorId": "/Hardware Monitor/Voltage/12V",
        "ts": "2016-03-30 00:21:55:962",
        "val": "11.906"
      }
    ],
    "totalsize": "2"
  }
}
```

DeviceCtl - GetMaxHistData (HTTP Cache)

1.0.0 ▾

Retrieve the maximum of device sensors value from range of date.

GET

/DeviceCtl/getMaxHistData?<URL-Parameter>

URL Parameter

Field	Type	Description
strBeginTs	string	Time of Begin
strEndTs	string	Time of End
id	string	Agent ID
hdr	string	Handler Name
strSensorIds	string	Sensor ID (The format is "sensorID1 sensorID2 ...", and every sensorID is separated by " ")

URL-Parameter Pattern:

handler=<hdr>&agentId=<id>&beginTs=<strBeginTs>&endTs=<strEndTs>&sensorId=<strSensorIds>

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "itemList": [
      {
        "sensorId": "/Hardware Monitor/Voltage/5V Standby",
        "unitVal": "2015-05",
        "val": 5.014
      },
      {
        "unitVal": "2015-05",
        "val": 11.906
      }
    ],
    "unit": "Month"
  }
}
```

DeviceCtl - GetMaxHistData

1.0.0 ▾

Retrieve the maximum of device sensors value from range of date.

POST

/DeviceCtl/getMaxHistData

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
```

```
"beginTs": "2015-03-20 14:56:00",
"endTs": "2015-04-20 15:05:00",
"item": {
  "agentId": "0000000BAB39A520",
  "handler": "SUSIControl",
  "sensorId": [
    "/Hardware Monitor/Voltage/12V",
    "/Hardware Monitor/Voltage/5V Standby"
  ]
}
```

Body Content

Field	Type	Description
beginTs	string	Time of Begin
endTs	string	Time of End
agentid	string	Agent ID
handler	string	Handler Name
sensorid	string	Sensor ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "itemList": [
      {
```

```
    "sensorId": "/Hardware Monitor/Voltage/5V Standby",
    "unitVal": "2015-05",
    "val": 5.014
  },
  {
    "sensorId": "/Hardware Monitor/Voltage/12V",
    "unitVal": "2015-05",
    "val": 11.906
  }
],
"unit": "Month"
}
```

DeviceCtl - GetMinHistData (HTTP Cache)

1.0.0 ▾

Retrieve the minimum of device sensors value from range of date.

GET

/DeviceCtl/getMinHistData?<URL-Parameter>

URL Parameter

Field	Type	Description
strBeginTs	string	Time of Begin
strEndTs	string	Time of End
id	string	Agent ID

hdr	string	Handler Name
strSensorIds	string	Sensor ID(The format is ?sensorID1 sensorID2 ? and every sensorID is separated by ? ??

URL-Parameter Pattern:

handler=<hdr>&agentId=<id>&beginTs=<strBeginTs>&endTs=<strEndTs>&sensorId=<strSensorIds>

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "itemList": [
      {
        "sensorId": "/Hardware Monitor/Voltage/5V Standby",
        "unitVal": "2015-05",
        "val": 5.014
      },
      {
        "sensorId": "/Hardware Monitor/Voltage/12V",
        "unitVal": "2015-05",
        "val": 11.876
      }
    ],
    "unit": "Month"
  }
}
```

DeviceCtl - GetMinHistData

1.0.0 ▾

Retrieve the minimum of device sensors value from range of date.

POST

/DeviceCtl/getMinHistData

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "beginTs": "2015-03-20 14:56:00",
    "endTs": "2015-04-20 15:05:00",
    "item": {
      "agentId": "0000000BAB39A520",
      "handler": "SUSIControl",
      "sensorId": [
        "/Hardware Monitor/Voltage/12V",
        "/Hardware Monitor/Voltage/5V Standby"
      ]
    }
  }
}
```

Body Content

Field	Type	Description
beginTs	string	Time of Begin
endTs	string	Time of End

agentid	string	Agent ID
handler	string	Handler Name
sensorid	string	Sensor ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "itemList": [
      {
        "sensorId": "/Hardware Monitor/Voltage/5V Standby",
        "unitVal": "2015-05",
        "val": 5.014
      },
      {
        "sensorId": "/Hardware Monitor/Voltage/12V",
        "unitVal": "2015-05",
        "val": 11.876
      }
    ],
    "unit": "Month"
  }
}
```

DeviceCtl - GetRegularReportParams

1.0.0 ▾

Retrieve the device current report status and parameters.

GET

/DeviceCtl/getRegularReportParams/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "request": {
    "autoReport" : false,
    "intervalTime": 10
  }
}
```

DeviceCtl - GetSensorID

1.0.0 ▾

Retrieve the sensor IDs of device handler.

POST

/DeviceCtl/getSensorID

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "agentid": "000090FBA61A5C26",
    "handler": "SUSIControl",
  }
}
```

Body Content

Field	Type	Description
agentid	string	Agent ID
handler	string	Handler Name

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "handler": "SUSIControl",
    "itemList": {
      "item": [
        {
          "name": "/Backlight/Backlight 1/Backlight",
          "sensorID": "/Backlight/Backlight 1/Backlight",
          "unit": "ON/OFF"
        },
        {
          "name": "/GPIO/GPIO04/Level",
          "sensorID": "/GPIO/GPIO04/Dir",
          "unit": "H/L"
        }
      ]
    }
  }
}
```

```

{
  "name": "/Hardware Monitor/Fan Speed/System",
  "sensorID": "/Hardware Monitor/Fan Speed/System",
  "unit": "RPM"
},
{
  "name": "/GPIO/GPI001/Level",
  "sensorID": "/GPIO/GPI001/Dir",
  "unit": "H/L"
},
{
  "name": "/GPIO/GPI002/Level",
  "sensorID": "/GPIO/GPI002/Dir",
  "unit": "H/L"
},
{
  "name": "/GPIO/GPI000/Level",
  "sensorID": "/GPIO/GPI000/Level",
  "unit": "H/L"
},
{
  "name": "/GPIO/GPI003/Level",
  "sensorID": "/GPIO/GPI003/Dir",
  "unit": "H/L"
}
]
}
}
}

```

DeviceCtl - SetDevHeartBeatRate

1.0.0 ▾

Set device heartbeat rate, and the unit is second based.

POST

/DeviceCtl/setDevHeartBeatRate

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "agentid": "0000AAAABBBB0001",
    "heartbeatrate": 60
  }
}
```

Body Content

Field	Type	Description
agentid	string	Agent ID
heartbeatrate	number	Interval of heartbeat.

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

DeviceCtl - SetDeviceData

1.0.0 ▾

Set value to device sensor in realtime.

POST

/DeviceCtl/setDeviceData

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": {
      "agentId": "0000000BAB39A520",
      "handler": "SUSIControl",
      "sensorId": {
        "n": "/Hardware Monitor/Voltage/12V",
        "v": 12
      }
    }
  }
}
```

Body Content

Field	Type	Description
agentid	string	Agent ID
handler	string	Handler Name
sensorid	string	Sensor ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "itemList": {
      "sensorId": "SUSIControl/Hardware Monitor/Voltage/12V",
      "statusCode": 200,
      "v": "Success"
    }
  }
}
```

DeviceCtl - StartRegularReport

1.0.0 ▾

Set device start report hardware, software or sensor information automatically, the report interval unit is second based.

POST

/DeviceCtl/startRegularReport

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "agentid": "0000AAAABBBB0001",
    "intervalTime": 10
  }
}
```

```
}  
}
```

Body Content

Field	Type	Description
agentid	string	Agent ID
intervalTime	number	Interval of Time

Response Example(json)

[Response Example\(xml\)](#)

```
{  
  "result": true  
}
```

DeviceCtl - StartRegularReportRT

1.0.0 ▼

Set device start upload hardware, software or sensor information automatically, the report interval and timeout unit is second based.

POST

```
/DeviceCtl/startRegularReportRT
```

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "agentid": "000090FBA61A5C26",
    "handlerName": "NetMonitor",
    "intervalTime": 1,
    "timeout": 10
  }
}
```

Body Content

Field	Type	Description
agentid	string	Agent ID
handlerName	string	Handler Name
intervalTime	number	Interval of Time
timeout	number	Interval of Timeout

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

DeviceCtl - StopRegularReport

1.0.0 ▾

Set device stop report hardware, software or sensor information.

POST

/DeviceCtl/stopRegularReport

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "agentid": "0000AAAABBBB0001"
  }
}
```

Body Content

Field	Type	Description
agentid	string	Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

DeviceGroupMgmt

DeviceGroupMgmt

1.0.0 ▾

Delete specific device group by group ID.

DELETE

```
/DeviceGroupMgmt/<id>
```

URL Parameter

Field	Type	Description
id	long	Group ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result" : true
}
```

DeviceGroupMgmt

1.0.0 ▾

Retrieve all device groups information.

GET

/DeviceGroupMgmt

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "item": [
      {
        "accountid": 1,
        "accountname": "unassign",
        "connecteddev": 0,
        "description": "unassign",
        "errordev": 2,
        "gid": 1,
        "name": "unassign",
        "totaldev": 2,
        "ts": "2013-02-04 12:00:00.000"
      },
      {
        "accountid": 2,
        "accountname": "admin",
        "connecteddev": 0,
        "description": "Advantech New Building",
        "errordev": 0,
        "gid": 5,
        "name": "Linkou",
        "totaldev": 0,
        "ts": "2015-02-16 09:45:12.915"
      }
    ],
    "totalsize": 2
  }
}
```

```
}
```

DeviceGroupMgmt

1.0.0 ▾

Retrieve specific device groups information by group ID.

GET

/DeviceGroupMgmt/<id>

URL Parameter

Field	Type	Description
id	long	Group ID

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "item": {
      "accountid": 1,
      "accountname": "unassign",
      "connecteddev": 0,
      "description": " Adv-SunnyBuilding ",
      "errordev": 0,
      "gid": 5,
      "name": "Adv-SunnyBuilding",
      "totaldev": 0,
```

```
      "ts": "2015-02-16 09:45:12.915"
    },
    "totalSize": 1
  }
}
```

DeviceGroupMgmt

1.0.0 ▾

Add device group information.

POST

/DeviceGroupMgmt

Request Example(json)

Request Example(xml)

```
{
  "request": {
    "group": {
      "item": [
        {
          "@name": "name",
          "@value": "Linkou-1"
        },
        {
          "@name": "accountid",
          "@value": "2"
        }
      ]
    }
  }
}
```

```
        "@name": "description",
        "@value": " Advantech New Building"
      }
    ]
  }
}
```

Body Content

Field	Type	Description
name	string	Group Name
accountid	string	Group belong to account's ID.
description	string	Group Description

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result" : { "gid" : 6 }
}
```

DeviceGroupMgmt

1.0.0 ▼

Edit device information.

PUT

Request Example(json)

Request Example(xml)

```
{
  "request": {
    "group": {
      "item": [
        {
          "@name": "Gid",
          "@value": "5"
        },
        {
          "@name": "accountid",
          "@value": "1"
        },
        {
          "@name": "name",
          "@value": "Adv-SunnyBuilding"
        },
        {
          "@name": "description",
          "@value": " Adv-SunnyBuilding "
        }
      ]
    }
  }
}
```

Body Content

Field	Type	Description
-------	------	-------------

gid	string	Group ID
name	string	Group Name
accountid	string	Group belong to account's ID.
description	string	Group Description

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result" : true
}
```

DeviceGroupMgmt

1.0.0 ▾

Edit device group information by group ID. Not each item required, put the item that you want to modify.

PUT

```
/DeviceGroupMgmt/<id>
```

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "group": {
```



```
    "item": [
      {
        "@name": "accountid",
        "@value": "1"
      },
      {
        "@name": "name",
        "@value": "Adv-SunnyBuilding"
      },
      {
        "@name": "description",
        "@value": "Adv-SunnyBuilding "
      }
    ]
  }
}
```

URL Parameter

Field	Type	Description
id	string	Group ID

Body Content

Field	Type	Description
name	string	Group Name
accountid	string	Group belong to account's ID.
description	string	Group Description

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result" : true
}
```

DeviceGroupMgmt - GetGroupAndAccount

1.0.0 ▾

Retrieve device groups and account information from login account.

GET

/DeviceGroupMgmt/getGroupAndAccount

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "Account": [
      {
        "accountid": 2,
        "accountname": "admin",
        "description": "System admin",
        "rootErrorDev": 1,
        "rootTotalDev": 1,
        "type": "self"
      },
      {
        "accountid": 18,
```

```
        "accountname": "Kevin",
        "description": "Project Supervisor",
        "rootErrorDev": 0,
        "rootTotalDev": 0,
        "type": "share"
    }
]
}
}
```

DeviceGroupMgmt - GetGroupByAccount

1.0.0 ▾

Retrieve device groups information from specific account.

GET

/DeviceGroupMgmt/getGroupByAccount/<id>

URL Parameter

Field	Type	Description
id	long	Account ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": {
```

```
    "accountid": 2,  
    "accountname": "admin",  
    "description": null,  
    "errordev": 0,  
    "gid": 3,  
    "name": "Linkou",  
    "totaldev": 0,  
    "ts": "2014-08-04 10:52:17"  
  },  
  "totalsize": 1  
}
```

DeviceLocation

DeviceLocation - GetHistDeviceLoc(HTTP Cache)

1.0.0 ▼

Get the history record of location of device. You have to specify three sensorId with ALT, LAT and LON.

GET

/DeviceLocation/getHistDeviceLoc?<URL-Parameter>

Body Content

Field	Type	Description
id	string	Agent ID
gps	string	GPS System of Map
strAmount	string	Amount of Time Point
strBeginTS	string	Begining Time Point
strEndTS	string	Ending Time Point
hdr	string	Device Handler

URL-Parameter Pattern:

handler=<hdr>&agentId=<id>&amount=<strAmount>&gpsSystem=<gps>&beginTS=<strBeginTS>&

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": [
      {
        "Alt": "288.1",
        "Lat": "77.058",
        "Lon": "155.38",
        "agentid": "0000AC220B88E999"
      }
    ]
  }
}
```

DeviceLocation - GetHistDeviceLoc

1.0.0 ▼

Get the history record of location of device. You have to specify three sensorId with ALT, LAT and LON.

POST

/DeviceLocation/getHistDeviceLoc

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "agentid": "0000000BAB869241",
    "amount": "3",
    "beginTS": "2015-06-27 12:06:00",
    "endTS": "2015-07-27 12:06:00",
    "gpsSystem": "GCJ-02",
    "handler": "SUSIControl",
    "sensorids": {
      "Alt": "/GPS/Device/TPV/Alt",
      "Lat": "/GPS/Device/TPV/Lat",
      "Lon": "/GPS/Device/TPV/Lon"
    }
  }
}
```

Body Content

Field	Type	Description
agentid	string	Agent ID
gpsSystem	string	GPS System of Map
amount	string	Amount of Time Point
beginTS	string	Begining Time Point
endTS	string	Ending Time Point
handler	string	Device Handler
sensorIds	json	sensor ID
Lat	string	Latitude
Lon	string	Longitude
Alt	string	Altitude

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "location": [
      {
        "Alt": "49985.63362997166",
        "Lat": "50092.736422759444",
        "Lon": "49714.10206953817",
        "Util": "2015-06-27T12:06:00.000Z"
      },
      {
        "Alt": "50129.33144736503",
```

```
        "Lat": "49994.4407578988",
        "Lon": "50159.02337814304",
        "Util": "2015-07-12T12:06:00.000Z"
    },
    {
        "Alt": "50243.63373689647",
        "Lat": "50126.507354961075",
        "Lon": "50055.8210036162",
        "Util": "2015-07-27T12:06:00.000Z"
    }
],
"totalsize": 3
}
```

DeviceLocation - GetLastDeviceLoc (HTTP Cache)

1.0.0 ▼

Retrieve device information from condition.

GET

/DeviceLocation/getLastDeviceLoc?<URL-Parameter>

URL Parameter

Field	Type	Description
id	string	Agent ID

gps	string	GPS System of Map
hdr	string	Device Handler
strSensorIds	string	All Sensor ID(Its format is "sensorID_Lat sensorID_Lon sensorID_Lat", and every sensorID is separated by " ".)

URL-Parameter Pattern:

handler=<hdr>&agentId=<id>&gpsSystem=<gps>&sensorId=<strSensorIds>

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "location": [
      {
        "Alt": "49985.63362997166",
        "Lat": "50092.736422759444",
        "Lon": "49714.10206953817",
        "Util": "2015-06-27T12:06:00.000Z"
      },
      {
        "Alt": "50129.33144736503",
        "Lat": "49994.4407578988",
        "Lon": "50159.02337814304",
        "Util": "2015-07-12T12:06:00.000Z"
      },
      {
        "Alt": "50243.63373689647",
```

```
        "Lat": "50126.507354961075",
        "Lon": "50055.8210036162",
        "Util": "2015-07-27T12:06:00.000Z"
    },
    ],
    "totalSize": 3
}
```

DeviceLocation - GetLastDeviceLoc

1.0.0 ▾

Retrieve device information from condition.

POST

/DeviceLocation/getLastDeviceLoc

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": [
      {
        "agentid": "0000AC220B88E999",
        "gpsSystem": "WGS-84",
        "handler": "SUSIControl",
        "sensorids": {
          "Alt": "/GPS/Device/TPV/Alt",
          "Lat": "/GPS/Device/TPV/Lat",
```

```

        "Lon": "/GPS/Device/TPV/Lon"
    },
    {
        "agentid": "0000AC220B88E777",
        "gpsSystem": "BD-09",
        "handler": "SUSIControl",
        "sensorids": {
            "Alt": "/GPS/Device2/TPV/Alt",
            "Lat": "/GPS/Device2/TPV/Lat",
            "Lon": "/GPS/Device2/TPV/Lon"
        }
    }
]
}
}

```

Body Content

Field	Type	Description
agentid	string	Agent ID
gpsSystem	string	GPS System of Map
handler	string	Device Handler
sensorIds	json	sensor ID
Lat	string	Latitude
Lon	string	Longitude
Alt	string	Altitude

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "item": [
      {
        "Alt": "288.1",
        "Lat": "77.058",
        "Lon": "155.38",
        "agentid": "0000AC220B88E999"
      },
      {
        "Alt": "288.1",
        "Lat": "25.061044825070965",
        "Lon": "121.39071260510444",
        "agentid": "0000AC220B88E777"
      }
    ]
  }
}
```

DeviceLocation - SetDeviceLoc

1.0.0 ▼

Set the location of device. You have to specify three sensorId with ALT, LAT and LON.

POST

/DeviceLocation/setDeviceLoc

```
{
  "request": {
    "agentid": "0000AC220B88E999",
    "gpsSystem": "GCJ-02",
    "handler": "SUSIControl",
    "sensorIds": {
      "Alt": {
        "n": "/GPS/Device/TPV/Alt",
        "v": "789.789"
      },
      "Lat": {
        "n": "/GPS/Device/TPV/Lat",
        "v": "123.123"
      },
      "Lon": {
        "n": "/GPS/Device/TPV/Lon",
        "v": "456.456"
      }
    }
  }
}
```

Body Content

Field	Type	Description
agentid	string	Agent ID
gpsSystem	string	GPS System of Map
handler	string	Device Handler

sensorIds	json	sensor ID
Lat	string	Latitude
Lon	string	Longitude
Alt	string	Altitude

Response Example(json)

Response Example(xml)

```
{
  "result" : true
}
```

DeviceMapMgmt

DeviceMapMgmt

1.0.0 ▾

Retrieve all device maps information, that belone to login account.

PUT

```
/DeviceMapMgmt
```

Request Example(json)

Request Example(xml)

```
{
  "request": {
    "map": {
      "item": [
        {
          "@name": "mid",
          "@value": "4"
        },
        {
          "@name": "name",
          "@value": "Advantech Linkou"
        },
        {
          "@name": "filename",
          "@value": "eMap_ck02cvesv5lp.png"
        },
        {
          "@name": "parent_mid",
          "@value": "2"
        },
        {
          "@name": "lat",
          "@value": "25.05894500000000014;121.38345700000000213"
        },
        {
          "@name": "address",
          "@value": "No.27, Wende Rd., Guishan Township, Taoyuan County 333, Ta"
        }
      ]
    }
  }
}
```

Body Content

Field	Type	Description
name	string	Field of Information Allowed values: "name", "filename", "accountid", "parent_mid", "lal", "address"
value-name	string	Name of Map
value-filename	string	File Name of Map
value-accountid	string	Account ID
value-parent_mid	string	Group ID Map ID of Parent
value-lal optional	string	Coordinate of Device
value-address optional	string	Address of Device

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "filename": "eMap_ck02cvesv5lp.png"
  }
}
```

DeviceMapMgmt

1.0.0 ▾

Retrieve Delete specific device map by map id.

DELETE

```
/DeviceMapMgmt/<id>
```

URL Parameter

Field	Type	Description
id	long	Map ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

DeviceMapMgmt

1.0.0 ▾

Retrieve all device maps information, that belone to login account.

GET

```
/DeviceMapMgmt
```

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": {
      "accountid": 2,
      "accountname": "admin",
      "address": "No. 27, Wende Road, Guishan Township, Taoyuan City 33371, Taiwan",
      "errordev": 0,
      "filename": "eMap_1432343.png",
      "lal": "25.057;121.382",
      "mid": 4,
      "name": "Linkou",
      "parent_mid": 2,
      "totaldev": 1,
      "ts": "2013-02-24 12:58:03.000"
    },
    "total": 1
  }
}
```

DeviceMapMgmt

1.0.0 ▾

Retrieve specific device map information.

GET

/DeviceMapMgmt/<id>

URL Parameter

Field	Type	Description
-------	------	-------------

id	long	Map ID
----	------	--------

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "item": {
      "accountid": 2,
      "accountname": "admin",
      "address": "No. 1, Alley 20, Lane 26, Rueiguang Road, Neihu District, Taipei",
      "errordev": 0,
      "filename": "eMap_843yydwlcwyw.png",
      "lal": "25.05894500000000014;121.38345700000000213",
      "mid": 6,
      "name": "Advantech Headquarters",
      "parent_mid": 2,
      "totaldev": 0,
      "ts": "2015-02-24 13:22:30.398"
    },
    "total": 1
  }
}
```

DeviceMapMgmt - GetDeviceByMap

1.0.0 ▼

Retrieve devices that under the specific map.

POST

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": {
      "@name": "mapid",
      "@value": "4"
    }
  }
}
```

Body Content

Field	Type	Description
value-mapid	String	Value of Map ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": {
      "errordev": 0,
      "mapid": 5,
      "mapname": "Layout 1",
      "totaldev": 1
    }
  }
}
```

DeviceMapMgmt - GetMapAndAccount

1.0.0 ▾

Retrieve device maps and account information from login account.

GET

/DeviceMapMgmt/getMapAndAccount

URL Parameter

Field	Type	Description
id	long	Map ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": [
      {
        "accountid": 2,
        "accountname": "admin",
        "address": "No.33, Lane 365, Yang Guang St., Neihu Dist., Taipei, 11491",
        "errordev": 0,
        "filename": "eMap_ao05l0lr5b8m.png",
        "lal": "25.0722858165312026;121.5771357674905175",
        "mid": 5,
        "name": "Sunny Building",
        "parent_mid": 2,
      }
    ]
  }
}
```

```
    "rootErrorDev": 0,
    "rootTotalDev": 0,
    "totaldev": 0,
    "ts": "2014-08-25 10:34:15",
    "type": "self"
  },
  {
    "accountid": 2,
    "accountname": "admin",
    "address": "No.27, Wende Rd., Guishan Township, Taoyuan County 333, Taiwan",
    "errordev": 0,
    "filename": "eMap_ck02cvesv5lp.png",
    "lal": "25.05894500000000014;121.38345700000000213",
    "mid": 4,
    "name": "Advantech Linkou",
    "parent_mid": 2,
    "rootErrorDev": 0,
    "rootTotalDev": 0,
    "totaldev": 1,
    "ts": "2014-08-25 10:20:56",
    "type": "share"
  }
]
}
```

DeviceMgmt

DeviceMgmt

1.0.0 ▾

Retrieve all devices information.

GET

/DeviceMgmt

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "item": {
      "KVMmode": "default",
      "accountid": 2,
      "accountname": "admin",
      "agentId": "0000000BAB39A520",
      "agentType": "IPC",
      "agentversion": "3.1.8.1432",
      "amtsupport": true,
      "autoReport": true,
      "biosversion": "(AC09X016.BIN)",
      "cpuname": "Intel(R) Core(TM) i7-2655LE CPU @ 2.20GHz",
      "custPassword": null,
      "custPort": 5900,
      "description": null,
      "did": 2,
      "groupid": 1,
      "groupname": "unassign",
      "handlerList": {
        "handler": [
          {

```

```
        "aliasName": "HDDMonitor",
        "handlerName": "HDDMonitor"
    },
    {
        "aliasName": "NetMonitor",
        "handlerName": "NetMonitor"
    },
    {
        "aliasName": "ProcessMonitor",
        "handlerName": "ProcessMonitor"
    },
    {
        "aliasName": "SUSIControl",
        "handlerName": "SUSIControl"
    }
]
},
"hddState": "Normal",
"hwState": "Normal",
"icon": "default",
"ip": "172.22.13.41",
"latestagentversion": "3.1.0",
"lock": "None",
"mac": "00:D0:C9:12:34:92;00:D0:C9:12:34:91;00:0B:AB:39:A5:20",
"mapid": 1,
"memsize": 8072744,
"name": "AC09",
"netState": "Normal",
"osversion": "Windows 7 Service Pack 1 X64",
"platformname": "EBC-AC09",
"powertime": null,
"protectInstall": true,
"recoveryInstall": true,
"repeater": null,
```



```
    "reportInterval": 1,
    "serial": "0000000BAB39A520",
    "status": "Disconnected",
    "swState": "Normal",
    "ts": "2015-06-23 13:35:50.334",
    "upgrade": false,
    "wolmode": 1
  },
  "totalsize": 1
}
```

DeviceMgmt

1.0.0 ▾

Retrieve specific device information by agent ID.

GET

/DeviceMgmt/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
```

```
"result": {
  "item": {
    "KVMmode": "default",
    "accountid": 2,
    "accountname": "admin",
    "agentId": "00000000BAB39A520",
    "agentType": "IPC",
    "agentversion": "3.1.8.1432",
    "amtsupport": true,
    "autoReport": true,
    "biosversion": "(AC09X016.BIN)",
    "cpuname": "Intel(R) Core(TM) i7-2655LE CPU @ 2.20GHz",
    "custPassword": null,
    "custPort": 5900,
    "description": null,
    "did": 2,
    "groupid": 1,
    "groupname": "unassign",
    "handlerList": {
      "handler": [
        {
          "aliasName": "HDDMonitor",
          "handlerName": "HDDMonitor"
        },
        {
          "aliasName": "NetMonitor",
          "handlerName": "NetMonitor"
        },
        {
          "aliasName": "ProcessMonitor",
          "handlerName": "ProcessMonitor"
        },
        {
          "aliasName": "SUSIControl",
```

```
        "handlerName": "SUSIControl"
    }
]
},
"hddState": "Normal",
"hwState": "Normal",
"icon": "default",
"ip": "172.22.13.41",
"latestagentversion": "3.1.0",
"lock": "None",
"mac": "00:D0:C9:12:34:92;00:D0:C9:12:34:91;00:0B:AB:39:A5:20",
"mapid": 1,
"memsize": 8072744,
"name": "AC09",
"netState": "Normal",
"osversion": "Windows 7 Service Pack 1 X64",
"platformname": "EBC-AC09",
"powertime": null,
"protectInstall": true,
"recoveryInstall": true,
"repeater": null,
"reportInterval": 1,
"serial": "0000000BAB39A520",
"status": "Disconnected",
"swState": "Normal",
"ts": "2015-06-23 13:35:50.334",
"upgrade": false,
"wolmode": 1
},
"totalsize": 1
}
```

DeviceMgmt

1.0.0 ▾

Edit device information. Not each item required, put the item that you want to modify.

PUT

/DeviceMgmt

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "device": {
      "item": [
        {
          "@name": "name",
          "@value": "123456"
        },
        {
          "@name": "agentId",
          "@value": "0000545345435435"
        },
        {
          "@name": "groupid",
          "@value": "1"
        },
        {
          "@name": "accountid",
          "@value": "1"
        }
      ]
    }
  }
}
```

```
        "@name": "mapid",
        "@value": "1"
    },
    {
        "@name": "wolmode",
        "@value": "1"
    },
    {
        "@name": "wolrepeater",
        "@value": "1"
    },
    {
        "@name": "description",
        "@value": "description..."
    },
    {
        "@name": "model",
        "@value": "ark-ds303"
    },
    {
        "@name": "platformname",
        "@value": ""
    }
]
}
```

Body Content

Field	Type	Description
name	string	Device Name

groupid	string	Group ID
accountid	string	Account ID
mapid	string	Map ID
wolmode	string	Wol(Wake On Lan) Mode
wolrepeater	string	Wol(Wake On Lan) Repeater
description	string	Description
model	string	Model Name
platformname	string	Platform Name

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

DeviceMgmt

1.0.0 ▾

Edit specific device information by agent ID. Not each item required, put the item that you want to modify.

PUT

```
/DeviceMgmt/<id>
```

```
{
  "request": {
    "device": {
      "item": [
        {
          "@name": "name",
          "@value": "123456"
        },
        {
          "@name": "groupid",
          "@value": "1"
        },
        {
          "@name": "accountid",
          "@value": "1"
        },
        {
          "@name": "mapid",
          "@value": "1"
        },
        {
          "@name": "wolmode",
          "@value": "1"
        },
        {
          "@name": "wolrepeater",
          "@value": "1"
        },
        {
          "@name": "description",
          "@value": "description..."
        }
      ]
    }
  }
}
```

```
    },
    {
      "@name": "model",
      "@value": "ark-ds303"
    },
    {
      "@name": "platformname",
      "@value": ""
    }
  ]
}
}
```

URL Parameter

Field	Type	Description
id	string	Agent ID

Body Content

Field	Type	Description
name	string	Device Name
groupid	string	Group ID
accountid	string	Account ID
mapid	string	Map ID
wolmode	string	Wol(Wake On Lan) Mode
wolrepeater	string	Wol(Wake On Lan) Repeater

description	string	Description
model	string	Model Name
platformname	string	Platform Name

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

DeviceMgmt - FuzzySearch

1.0.0 ▾

Retrieve device information from condition.

POST

/DeviceMgmt/fuzzySearch

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "clause": {
      "item": [
        {
          "@name": "group_id",
```

```
        "@value": "1"
      },
      {
        "@name": "account_id",
        "@value": "2"
      }
    ]
  },
  "lang": {
    "@value": "zh-TW"
  },
  "like": {
    "item": [
      {
        "@name": "condition",
        "@value": ""
      },
      {
        "@name": "field",
        "@value": "name"
      },
      {
        "@name": "field",
        "@value": "hwstate"
      },
      {
        "@name": "field",
        "@value": "swstate"
      },
      {
        "@name": "field",
        "@value": "maintainstate"
      }
    ]
  }
]
```

```

    },
    "orderby": {
      "item": {
        "@name": "name",
        "@value": "ASC"
      }
    },
    "resultfilter": {
      "item": [
        {
          "@name": "page size",
          "@value": "20"
        },
        {
          "@name": "page no",
          "@value": "1"
        }
      ]
    }
  }
}

```

Body Content

Field	Type	Description
lang	string	Translate the result to specific language. Allowed values: <code>"en-US"</code> , <code>"zh-TW"</code> , <code>"zh-CN"</code> , <code>"ja_JP"</code>
clause	list	Each item is "And" operation in SQL query.
group_id	string	Group ID
account_id	string	Account ID

map_id	string	Map ID
devicestate	string	Device State Allowed values: "Normal", "Error", "HW_Error", "HW_Normal", "HDD_Error", "HDD_Normal", "NET_Error", "NET_Normal", "SW_Error", "SW_Normal"
like	json	Each value within space is "OR" operation in SQL query.
name	string	Field or Condition(For condition, each value within space is "OR" operation in SQL query.) Allowed values: "field", "ondiction"
value	string	Value for Field Allowed values: "name", "ip", "serial", "description", "model", "platformname", "cpuname", "os_version", "bios_version", "agent_version", "lock", "accountname"
Orderby	json	Order by which field and in DESCending or ASCending
value	string	method for Ordering Allowed values: "DESC", "ASC"
name	string	Order by which field Allowed values: "agentid", "name", "ip", "serial", "description", "model", "osversion", "biosversion", "agentversion", "cpuname", "platformname", "memsize", "ts", "acuntName"
Resultfilter	string	get the SQL result with specific range by page size and

page number, default page size is 20 (Maximum: 100), and number is 1.

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "item": [
      {
        "IoTGW": {
          "interface": {
            "netInterface": "/WSN/00170d0000602e11/Info/SenHubList",
            "sensorHub": [
              {
                "agentId": "00170d00006062fb",
                "agentType": "SenHub",
                "autoReport": {
                  "All": {}
                },
                "did": 5,
                "hddState": "Normal",
                "hwState": "Normal",
                "name": "Motion",
                "netState": "Normal",
                "reportInterval": 10,
                "sensorHubInterface": "/WSN/00170d0000602e11/Info/SenHubList",
                "status": "Connected",
                "swState": "Normal",
                "upgrade": false
              },
              {
                "agentId": "00170d0000606411",
```

```
        "agentType": "SenHub",
        "autoReport": {
            "All": {}
        },
        "did": 6,
        "hddState": "Normal",
        "hwState": "Normal",
        "name": "CO2",
        "netState": "Normal",
        "reportInterval": 10,
        "sensorHubInterface": "/WSN/00170d0000602e11/Info/SenHubList",
        "status": "Connected",
        "swState": "Normal",
        "upgrade": false
    }
]
}
},
"KVMmode": "default",
"accountid": 2,
"accountname": "admin",
"agentId": "0000068B1FEBF1AE",
"agentType": "IPC_IoTGW",
"agentversion": "3.0.0.0",
"amtsupport": false,
"autoReport": {
    "All": {}
},
"biosversion": null,
"cpuname": "ARMv7 Processor rev 10 (v7l)",
"custPassword": null,
"custPort": 5900,
"description": null,
"did": 4,
```

```
"groupid": 1,
"groupname": "unassign",
"handlerList": {
  "handler": [
    {
      "aliasName": "HDDMonitor",
      "handlerName": "HDDMonitor"
    },
    {
      "aliasName": "NetMonitor",
      "handlerName": "NetMonitor"
    },
    {
      "aliasName": "ProcessMonitor",
      "handlerName": "ProcessMonitor"
    },
    {
      "aliasName": "SUSIControl",
      "handlerName": "SUSIControl"
    },
    {
      "aliasName": "IoTGW",
      "handlerName": "IoTGW"
    }
  ]
},
"hddState": "Normal",
"hwState": "Normal",
"icon": "default",
"ip": "172.22.12.219",
"kvmFunction": "default, repeater",
"lal": "0.50742574;0.55337079",
"latestagentversion": "3.1.0",
"lock": "None",
```

```
"mac": "5E:06:93:A3:41:EA;5E:06:93:A3:41:EA",
"mapid": 5,
"memsize": 1026060,
"name": "imx6qwise3310",
"netState": "Normal",
"osversion": "Poky (Yocto Project Reference Distro) 1.5.3 armv7l",
"platformname": null,
"powertime": null,
"protectInstall": false,
"recoveryInstall": false,
"reportInterval": 0,
"serial": "0000068B1FEBF1AE",
"status": "Connected",
"swState": "Normal",
"terminalFunction": "internal",
"ts": "2015-10-06 17:01:53.201",
"upgrade": false
},
{
  "KVMmode": "default",
  "accountid": 2,
  "accountname": "admin",
  "agentId": "0000000BAB374520",
  "agentType": "IPC",
  "agentversion": "3.1.15.2820",
  "amtsupport": false,
  "autoReport": {
    "All": {}
  },
  "biosversion": "(AC09X016.BIN)",
  "cpuname": "Intel(R) Core(TM) i7-2655LE CPU @ 2.20GHz",
  "custPassword": null,
  "custPort": 5900,
  "description": null,
```



```
"did": 3,  
"groupid": 1,  
"groupname": "unassign",  
"handlerList": {  
  "handler": [  
    {  
      "aliasName": "HDDMonitor",  
      "handlerName": "HDDMonitor"  
    },  
    {  
      "aliasName": "NetMonitor",  
      "handlerName": "NetMonitor"  
    },  
    {  
      "aliasName": "ProcessMonitor",  
      "handlerName": "ProcessMonitor"  
    },  
    {  
      "aliasName": "SUSIControl",  
      "handlerName": "SUSIControl"  
    }  
  ]  
},  
"hddState": "Normal",  
"hwState": "Normal",  
"icon": "default",  
"ip": "172.22.13.13",  
"kvmFunction": "default, repeater",  
"latestagentversion": "3.1.0",  
"lock": "None",  
"mac": "00:D0:C9:12:34:92;00:D0:C9:12:34:91;00:0B:AB:37:45:20;0A:00:27:00",  
"mapid": 1,  
"memsize": 8072744,  
"name": "WIN-QFPAAQQ4BHP",
```

```
    "netState": "Normal",
    "osversion": "Windows 7 Service Pack 1 X64",
    "platformname": "EBC-AC09",
    "powertime": null,
    "protectInstall": false,
    "recoveryInstall": false,
    "reportInterval": 0,
    "serial": "00000000BAB374520",
    "status": "Disconnected",
    "swState": "Normal",
    "terminalFunction": "internal",
    "ts": "2015-10-02 16:38:09.852",
    "upgrade": false
  }
],
"totalsize": 2
}
```

DeviceMgmt - GetDevByName

1.0.0 ▾

Retrieve device information by device name.

GET

/DeviceMgmt/getDevByName/<name>

URL Parameter

Field	Type	Description
-------	------	-------------

name

string

Device Name

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "item": {
      "KVMmode": "default",
      "accountid": 2,
      "accountname": "admin",
      "agentId": "0000000BAB39A520",
      "agentType": "IPC",
      "agentversion": "3.1.8.1432",
      "amtsupport": true,
      "autoReport": true,
      "biosversion": "(AC09X016.BIN)",
      "cpuname": "Intel(R) Core(TM) i7-2655LE CPU @ 2.20GHz",
      "custPassword": null,
      "custPort": 5900,
      "description": null,
      "did": 2,
      "groupid": 1,
      "groupname": "unassign",
      "handlerList": {
        "handler": [
          {
            "aliasName": "HDDMonitor",
            "handlerName": "HDDMonitor"
          },
          {
            "aliasName": "NetMonitor",
            "handlerName": "NetMonitor"
          }
        ]
      }
    }
  }
}
```

```
    },
    {
      "aliasName": "ProcessMonitor",
      "handlerName": "ProcessMonitor"
    },
    {
      "aliasName": "SUSIControl",
      "handlerName": "SUSIControl"
    }
  ]
},
"hddState": "Normal",
"hwState": "Normal",
"icon": "default",
"ip": "172.22.13.41",
"latestagentversion": "3.1.0",
"lock": "None",
"mac": "00:D0:C9:12:34:92;00:D0:C9:12:34:91;00:0B:AB:39:A5:20",
"mapid": 1,
"memsize": 8072744,
"name": "AC09",
"netState": "Normal",
"osversion": "Windows 7 Service Pack 1 X64",
"platformname": "EBC-AC09",
"powertime": null,
"protectInstall": true,
"recoveryInstall": true,
"repeater": null,
"reportInterval": 1,
"serial": "0000000BAB39A520",
"status": "Disconnected",
"swState": "Normal",
"ts": "2015-06-23 13:35:50.334",
"upgrade": false,
```

```
        "wolmode": 1
      },
      "totalsize": 1
    }
  }
}
```

DeviceMgmt - GetGroupByID

1.0.0 ▾

Retrieve group information for specific group by group ID.

GET

/DeviceMgmt/getGroupByID/<id>

URL Parameter

Field	Type	Description
id	string	Group ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": {
      "hwErrDev": 0,
      "id": 2,
      "latestLinuxAgentVer": {
        "Linux": {
```

```
        "@name": "openSUSE 12.3 (i586)",
        "@version": "3.0.16.3654"
      },
      {
        "latestWindowsAgentVer": "3.0.16",
        "name": "Linkou",
        "swErrDev": 0,
        "totaldev": 2,
        "upgradedev": 0
      },
      "totalsize": 1
    }
  }
}
```

DeviceMgmt - GetIAMTState

1.0.0 ▾

Retrieve Intel AMT status for specific device by agent ID.

GET

/DeviceMgmt/getIAMTState/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": { "amtState" : "on" }
}
```

DeviceMgmt - GetSensorInfo

1.0.0 ▾

Retrieve the latest (last reported) device handlers and sensors information.

GET

/DeviceMgmt/getSensorInfo/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result":{
    <handler_name1>:<infoSpec1>,
    <handler_name2>:<infoSpec2>,
    <handler_name3>:<infoSpec3>,
  }
}
```

DeviceMgmt - GroupFuzzySearch

1.0.0 ▾

Retrieve device information from condition.

POST

/DeviceMgmt/groupFuzzySearch

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "clause": {
      "item": {
        "@name": "account_id",
        "@value": "2"
      }
    },
    "lang": {
      "@value": "en-US"
    },
    "like": {
      "@value": ""
    },
    "orderby": {
      "item": {
        "@name": "ts",
        "@value": "ASC"
      }
    },
    "resultfilter": {
```



```

    "item": [
      {
        "@name": "page size",
        "@value": "10"
      },
      {
        "@name": "page no",
        "@value": "1"
      }
    ]
  }
}

```

Body Content

Field	Type	Description
lang	string	Translate the result to specific language. Allowed values: <code>"en-US"</code> , <code>"zh-TW"</code> , <code>"zh-CN"</code> , <code>"ja_JP"</code>
clause	list	Each item is "And" operation in SQL query.
account_id	string	Account ID
like	json	Each value within space is "OR" operation in SQL query.
name	string	Field or Condition(For condition, each value within space is "OR" operation in SQL query.) Allowed values: <code>"field"</code> , <code>"ondiction"</code>
value	string	Value for Field
Orderby	json	Order by which field and in DESCending or ASCending

name	string	Order by which field Allowed values: <code>"name"</code> , <code>"ts"</code>
value	string	method for Ordering Allowed values: <code>"DESC"</code> , <code>"ASC"</code>
Resultfilter	string	get the SQL result with specific range by page size and page number, default page size is 20 (Maximum: 100), and number is 1.

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "item": {
      "gid": 3,
      "hwErrDev": 0,
      "latestLinuxAgentVer": {
        "Linux": {
          "@name": "openSUSE 12.3 (i586)",
          "@version": "3.0.16.3654"
        }
      },
      "latestWindowsAgentVer": "3.0.16",
      "name": "Linkou",
      "swErrDev": 0,
      "totaldev": 1,
      "upgradedev": 0
    },
    "totalsize": 1
  }
}
```

```
}
```

DeviceMgmt - SetIAMT

1.0.0 ▾

Set device "PowerUp", "PowerDown", "PowerCycle", "PowerReset" by AMT action.

POST

/DeviceMgmt/setIAMT

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": [
      {
        "@name": "agentId",
        "@value": "0000545345435435"
      },
      {
        "@name": "action",
        "@value": "PowerUp"
      }
    ]
  }
}
```

Body Content

Field	Type	Description
agentId	string	Agent ID
action	string	Allowed values: "PowerUp", "PowerDown", "PowerCycle", "PowerReset"

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

EventMgmt

EventMgmt

1.0.0 ▾

Delete specific type of event, for example, "device", "system", or "operation".

DELETE

```
/EventMgmt/<type>
```

URL Parameter

Field	Type	Description
type	string	Event Type

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

EventMgmt - ExportEvent

1.0.0 ▾

Retrieve event information from condition and export to xls.

POST

/EventMgmt/exportEvent

Request Example(json)

Request Example(xml)

```
{
  "request": {
    "clause": {
      "item": [
        {
          "@name": "severity",
          "@value": "warning "
        }
      ]
    }
  }
}
```

```
{
  "@name": "accountID",
  "@value": "1"
},
{
  "@name": "groupID",
  "@value": "1"
},
{
  "@name": "deviceID",
  "@value": "1"
},
{
  "@name": "eventType",
  "@value": "device"
},
{
  "@name": "beginTS",
  "@value": "2012-03-29"
},
{
  "@name": "endTS",
  "@value": "2013-04-01"
}
]
},
"lang": {
  "@value": "en-US"
},
"like": {
  "item": [
    {
      "@name": "condition",
      "@value": ""
    }
  ]
}
```

```
    },
    {
      "@name": "field",
      "@value": ""
    },
    {
      "@name": "field",
      "@value": ""
    }
  ]
},
"orderby": {
  "item": {
    "@name": "ts",
    "@value": "ASC"
  }
},
"resultfilter": {
  "item": [
    {
      "@name": "page size",
      "@value": "20"
    },
    {
      "@name": "page no",
      "@value": "1"
    }
  ]
}
}
```

Body Content

Field	Type	Description
lang	string	Translate the result to specific language. Allowed values: "en-US", "zh-TW", "zh-CN", "ja_JP"
clause	list	Each item is "And" operation in SQL query.
severity	string	Severity of Event Allowed values: "all", "information", "warning", "error"
type	string	Type of Event Allowed values: "device", "system", "operation"
subtype	string	SubType of Event
groupID optional	string	Group ID(only one can be applied, the groupID priority is higher than accountID, than deviceID.)
deviceID optional	string	Device ID(only one can be applied, the groupID priority is higher than accountID, than deviceID.)
accountID optional	string	account ID(only one can be applied, the groupID priority is higher than accountID, than deviceID.)
lastevtid	string	large than this event id
like	json	Each value within space is "OR" operation in SQL query.
Orderby	json	Order by which field and in DESCending or ASCending Allowed values: "DESC", "ASC"
value	string	method for Ordering Allowed values: "DESC", "ASC"

name	string	Order by which field Allowed values: "type", "subtype", "severity", "message", "deviceId", "deviceName", "accountId", "accountName"
Resultfilter	string	get the SQL result with specific range by page size and page number, default page size is 20 (Maximum:500), and number is 1.

Response Example(json)Response Example(xml)

```
{  "result": "/tmp/evtExport.xls"}
```

EventMgmt - FuzzySearch1.0.0

Retrieve event information from condition.

POST

/EventMgmt/fuzzySearch

Request Example(json)Request Example(xml)

```
{
```

```
"request": {
  "clause": {
    "item": [
      {
        "@name": "severity",
        "@value": "all"
      },
      {
        "@name": "eventType",
        "@value": "device"
      },
      {
        "@name": "accountID",
        "@value": "2"
      },
      {
        "@name": "groupID",
        "@value": "1"
      },
      {
        "@name": "beginTS",
        "@value": ""
      },
      {
        "@name": "endTS",
        "@value": ""
      }
    ]
  },
  "lang": {
    "@value": "zh-TW"
  },
  "like": {
    "item": [
```

```
{
  "@name": "condition",
  "@value": ""
},
{
  "@name": "field",
  "@value": "message"
},
{
  "@name": "field",
  "@value": "device_name"
},
{
  "@name": "field",
  "@value": "severity"
}
]
},
"orderby": {
  "item": {
    "@name": "ts",
    "@value": "DESC"
  }
},
"resultfilter": {
  "item": {
    "@name": "topNum",
    "@value": "100"
  }
}
}
```

Body Content

Field	Type	Description
lang	string	Translate the result to specific language. Allowed values: "en-US", "zh-TW", "zh-CN", "ja_JP"
clause	list	Each item is "And" operation in SQL query.
severity	string	Severity of Event Allowed values: "all", "information", "warning", "error"
type	string	Type of Event Allowed values: "device", "system", "operation"
subtype	string	SubType of Event
groupID optional	string	Group ID(only one can be applied, the groupID priority is higher than accountID, than deviceID.)
deviceID optional	string	Device ID(only one can be applied, the groupID priority is higher than accountID, than deviceID.)
accountID optional	string	account ID(only one can be applied, the groupID priority is higher than accountID, than deviceID.)
lastevtid	string	large than this event id
like	json	Each value within space is "OR" operation in SQL query.
Orderby	json	Order by which field and in DESCending or ASCending Allowed values: "DESC", "ASC"

value	string	method for Ordering Allowed values: "DESC", "ASC"
name	string	Order by which field Allowed values: "type", "subtype", "severity", "message", "deviceId", "deviceName", "accountId", "accountName"
Resultfilter	string	Get the top number (Maximum: 100) of result.

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "item": [
      {
        "accountName": "admin",
        "agentID": "0000068B1FEBF1AE",
        "deviceId": 4,
        "deviceName": "imx6qwise3310",
        "eventID": 68,
        "message": "Acronis Update Status",
        "origSeverity": "Information",
        "sessionid": "N/A",
        "severity": "Information",
        "subtype": "Acronis Update Status",
        "ts": "2015-10-06 17:01:55.721",
        "type": "Device"
      },
      {
        "accountName": "admin",
```

```
    "agentID": "0000068B1FEBF1AE",
    "deviceID": 4,
    "deviceName": "imx6qwise3310",
    "eventID": 67,
    "message": "McAfee Update Status",
    "origSeverity": "Information",
    "sessionid": "N/A",
    "severity": "Information",
    "subtype": "McAfee Update Status",
    "ts": "2015-10-06 17:01:54.668",
    "type": "Device"
  },
  {
    "accountName": "admin",
    "agentID": "0000068B1FEBF1AE",
    "deviceID": 4,
    "deviceName": "imx6qwise3310",
    "eventID": 66,
    "message": "Device added",
    "origSeverity": "Information",
    "sessionid": "N/A",
    "severity": "Information",
    "subtype": "AddDevice",
    "ts": "2015-10-06 17:01:53.380",
    "type": "Device"
  }
],
"totalSize": 3
}
```

Retrieve the history account event count from begin or end timestamp.

POST

/EventMgmt/getAccountAccEvt

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request":{
    "beginTs":"2015-01-28 12:52:1:000",
    "endTs":"2016-07-28 12:55:1:000",
    "item":{
      "accountid":2,
      "severity":"Information"
    }
  }
}
```

Body Content

Field	Type	Description
beginTs	string	Time of Begin
endTs	string	Time of End
accountid	string	Account ID
severity	optional string	Event's Severity

Allowed values: "Information", "Warning", "Error"

Response Example(json)

Response Example(xml)

```
{
  "result":{
    "accountid":2,
    "unit":"Month",
    "itemList":{
      "unitVal":"2016-05",
      "severity":"Information",
      "val":95842
    }
  }
}
```

EventMgmt - GetAccountHistEvt

1.0.0 ▼

Retrieve the history account event from begin or end timestamp. The maximum number of value is 10000. The order only effective on beginTs/endTs are existed.

POST

/EventMgmt/getAccountHistEvt

Request Example(json)

Request Example(xml)

```
{
```



```
"request":{
  "beginTs":"2015-01-28 12:52:1:000",
  "endTs":"2016-07-28 12:55:1:000",
  "amount":"1",
  "order":"asc",
  "item":{
    "accountid":2,
    "severity":"Information"
  }
}
```

Body Content

Field	Type	Description
beginTs	string	Time of Begin
endTs	string	Time of End
order	string	Order Method Allowed values: "asc", "desc"
amount optional	number	Amount of result, default is 10000
accountid	string	Account ID
severity	string	Event's Severity Allowed values: "Information", "Warning", "Error"

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result":{
    "itemList":{
      "oid":"574ffd7f308feb1694462de8",
      "type":"Device",
      "subtype":"AddDevice",
      "severity":"Information",
      "message":"Device added",
      "device_id":2,
      "device_name":"Advantech-PC",
      "account_id":2,
      "account_name":"admin",
      "sessionid":"N/A",
      "ts":"2016-06-02 09:33:50:060"
    },
    "totalSize":1
  }
}
```

EventMgmt - GetDevAccEvt

1.0.0 ▾

Retrieve the history device event count from begin or end timestamp.

POST

/EventMgmt/getDevAccEvt

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request":{
    "beginTs":"2015-01-28 12:52:1:000",
    "endTs":"2016-07-28 12:55:1:000",
    "item":{
      "agentid":"0000000BAB374520",
      "severity":"Information"
    }
  }
}
```

Body Content

Field	Type	Description
beginTs	string	Time of Begin
endTs	string	Time of End
agentid	string	agent ID
severity optional	string	Event's Severity Allowed values: "Information" , "Warning" , "Error"

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result":{
    "agentid":"0000000BAB374520",
    "unit":"Month",
    "itemList":{
      "unitVal":"2016-05",
      "severity":"Information",

```

```
        "val":284
    }
}
```

EventMgmt - GetDevHistEvt

1.0.0 ▾

Retrieve the history device event from begin or end timestamp. The maximum number of value is 10000. The order only effective on beginTs/endTs are existed.

POST

/EventMgmt/getDevHistEvt

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request":{
    "beginTs":"2015-01-28 12:52:1:000",
    "endTs":"2016-07-28 12:55:1:000",
    "amount":"1",
    "order":"asc",
    "item":{
      "agentid":"0000000BAB374520",
      "severity":"Information"
    }
  }
}
```

Body Content

Field	Type	Description
beginTs	string	Time of Begin
endTs	string	Time of End
order	string	Order Method Allowed values: <code>"asc"</code> , <code>"desc"</code>
amount optional	number	Amount of result, default is 10000
accountid	string	Account ID
severity	string	Event's Severity Allowed values: <code>"Information"</code> , <code>"Warning"</code> , <code>"Error"</code>

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result":{
    "itemList":[
      {
        "oid":"5731592223910b3df0421ec5",
        "type":"Operation",
        "subtype":"postKVMScreenShot",
        "severity":"Information",
        "message":"[Operating Account: admin] Get ScreenShot",
        "device_id":2,
        "device_name":"AC09",
        "account_id":2,
        "account_name":"admin",
```

```
        "sessionId": "4593872FB7792FD111BFB486B441283E",
        "ts": "2016-05-10 03:44:33:489"
      }
    ],
    "totalSize": 1
  }
}
```

EventMgmt - GetEventPeriod

1.0.0 ▾

Retrieve event period from current event table.

POST

/EventMgmt/getEventPeriod

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": {
      "@name": "eventType",
      "@value": "operation"
    }
  }
}
```

Body Content

Field	Type	Description
eventType	string	Type of Event Allowed values: "all", "device", "system", "operation"

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "beginDate": "2014-07-29",
    "endDate": "2014-07-21"
  }
}
```

EventMgmt - Long-polling

1.0.0 ▼

Retrieve event from database, if event be generated and newer event id larger than "lasteventid". It will be kept 60s on this request without event be generated.

POST

/EventMgmt/long-polling

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
```

```
    "item": {
      "@name": "lasteventid",
      "@value": "349"
    }
  }
}
```

Body Content

Field	Type	Description
lasteventid	number	The Newst Event ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

GoogleSignin

GoogleSignin - tokensignin

1.0.0 ▾

Retrieve Google sign in api.

POST

/GoogleSignin/tokensignin

Request Example(text/plain)

Content-Type: text/plain
eyJhbGciOiJSUzI1NiIsImtpZCI6ImQ0YzI5YTkzZTBkZjVjYWQ4NmM2ZDk4ZGE1YmI0ZTc4YjZiNGY5MzU
nbGUuY29tIiwiaXRFaGFzaCI6IjJIb0d0TDBzSVVxcVZoYm5jSXZQb0EiLCJhdWQiOiI5NDc0OTkwMDQ4Mj
zM40TixZWcxOWsuYXBwcy5nb29nbGV1c2VyY29udGVudC5jb20iLCJzdWIiOiI5MDk1MTU4MTAxNTc0MTA5
6dHJ1ZSwiYXpwIjoiotQ3NDk5MDA0ODI2LXA1Y2YxaWJlbW83amVua2htdnZmM3MzODkyMWVnMTlrLmFwcl
iwiZW1haWwiOiJzYW11ZWw3MjEwQgdtYWlsLmNvbSI6ImQ0YzI5YTkzZTBkZjVjYWQ4NmM2ZDk4ZGE1YmI0ZTc4YjZiNGY5MzU
MaW4iLCJwaWN0dXJlIjoiaHR0cHM6Ly9saDQuZ29vZ2xldXNlcmNvbnRlbnQuY29tLy1xSm9SWThKNmNMOD
S9BR05sLU9xWDNUR1ZSOHlReHpGWFo4ZU4zTzZucE5WNXlBL3M5Ni1jL3Bob3RvLmpwZyIsImdpdmVuX25h
5X25hbWUiOiJMaW4iLCJsb2NhbnGUiOiJ6aC1UVyJ9.feGTif0F646vCnNmzSk9ELfBoqAzWUkiya-BgEECg
Rrx2Ltvw2B8BzxmaSZvMm3i9Awajg4Kr7ONlWy-orKE5UMNUzESoo2GI5J_4hjAe_LTUsA6DfDzuAaBSP-4
7i6bGYKn3qwGwzbNu431JszL35bUa-jisfYAUofAHiWIHnTOpfkZGfNVay2yUhD4ytNq6KZ7digncZ9NXZ
uLp41qssVfYtkza2oZH6C8PBNASW4YUjxsPYFaZY8w&server_URL=http://jonathan.eastasia.cloud

Body Content

Field	Type	Description
google_token	string	token (gotten from google web site by F12 on browser)
server_URL	string	Server's URL
language	string	language Allowed values: en-us

URL-Parameter Pattern:

<token>&server_URL=<server_URL>&language=<language>

HWMonitorMgmt

HWMonitorMgmt - GetHDDData

1.0.0 ▾

Retrieve hard disk information for specific agent ID.

GET

/HWMonitorMgmt/getHDDData/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

```
{
  "result": {
    "HDDMonitor": {
      "hddInfoList": [
        {
```

```
"basn": "R",
"bextend": "",
"bn": "WDC WD5000BEVT-22ZAT0",
"bst": "",
"btype": "d",
"e": [
  {
    "n": "hddType",
    "sv": "STDDisk"
  },
  {
    "n": "hddName",
    "sv": "WDC WD5000BEVT-22ZAT0"
  },
  {
    "n": "hddIndex",
    "v": 1
  },
  {
    "n": "powerOnTime",
    "u": "hour",
    "v": 6008
  },
  {
    "n": "hddHealthPercent",
    "u": "percent",
    "v": 60
  },
  {
    "n": "hddTemp",
    "u": "celsius",
    "v": 34
  }
],
```

```
"ver": 1
},
{
  "basn": "R",
  "bextend": "",
  "bn": "SQF-S25M8-64G",
  "bst": "",
  "btype": "d",
  "e": [
    {
      "n": "hddType",
      "sv": "SQFlash"
    },
    {
      "n": "hddName",
      "sv": "SQFlash-SQF-S25M8-64G"
    },
    {
      "n": "hddIndex",
      "v": 0
    },
    {
      "n": "health",
      "u": "percent",
      "v": 100
    },
    {
      "n": "powerOnTime",
      "u": "hour",
      "v": 0
    },
    {
      "n": "eccCount",
      "v": 0
    }
  ]
}
```

```
    },
    {
      "n": "maxProgram",
      "v": 30000
    },
    {
      "n": "averageProgram",
      "v": 0
    },
    {
      "n": "enduranceCheck",
      "v": 78
    },
    {
      "n": "goodBlockRate",
      "u": "percent",
      "v": 52
    },
    {
      "n": "maxReservedBlock",
      "v": 0
    },
    {
      "n": "currentReservedBlock",
      "v": 0
    }
  ],
  "ver": 1
}
],
"hddSmartInfoList": [
  {
    "BaseInfo": {
      "basm": "R",
```

```
"bextend": "",
"bn": "BaseInfo",
"bst": "",
"btype": "d",
"e": [
  {
    "n": "hddType",
    "sv": "STDDisk"
  },
  {
    "n": "hddName",
    "sv": "WDC WD5000BEVT-22ZAT0"
  },
  {
    "n": "hddIndex",
    "v": 1
  }
],
"CalibrationRetryCount": {
  "basn": "R",
  "bextend": "",
  "bn": "CalibrationRetryCount",
  "bst": "",
  "btype": "d",
  "e": [
    {
      "n": "type",
      "v": 11
    },
    {
      "n": "flags",
      "v": 0
    }
  ],
```

```
{
  "n": "worst",
  "v": 0
},
{
  "n": "value",
  "v": 100
},
{
  "n": "vendorData",
  "sv": "00000000000000"
}
]
},
"CurrentPendingSectorCount": {
  "basn": "R",
  "bextend": "",
  "bn": "CurrentPendingSectorCount",
  "bst": "",
  "btype": "d",
  "e": [
    {
      "n": "type",
      "v": 197
    },
    {
      "n": "flags",
      "v": 0
    },
    {
      "n": "worst",
      "v": 0
    }
  ],
  {
```

```
        "n": "value",
        "v": 184
    },
    {
        "n": "vendorData",
        "sv": "0000000000537"
    }
]
},
"LoadCycleCount": {
    "basm": "R",
    "bextend": "",
    "bn": "LoadCycleCount",
    "bst": "",
    "btype": "d",
    "e": [
        {
            "n": "type",
            "v": 193
        },
        {
            "n": "flags",
            "v": 0
        },
        {
            "n": "worst",
            "v": 0
        },
        {
            "n": "value",
            "v": 59
        },
        {
            "n": "vendorData",
```



```
        "sv": "000000067D3F"
      }
    ]
  },
  "MultiZoneErrorRate": {
    "basm": "R",
    "bextend": "",
    "bn": "MultiZoneErrorRate",
    "bst": "",
    "btype": "d",
    "e": [
      {
        "n": "type",
        "v": 200
      },
      {
        "n": "flags",
        "v": 0
      },
      {
        "n": "worst",
        "v": 0
      },
      {
        "n": "value",
        "v": 100
      },
      {
        "n": "vendorData",
        "sv": "000000000000"
      }
    ]
  },
  "PowerCycleCount": {
```

```
"basm": "R",
"bextend": "",
"bn": "PowerCycleCount",
"bst": "",
"btype": "d",
"e": [
  {
    "n": "type",
    "v": 12
  },
  {
    "n": "flags",
    "v": 0
  },
  {
    "n": "worst",
    "v": 0
  },
  {
    "n": "value",
    "v": 100
  },
  {
    "n": "vendorData",
    "sv": "000000000390"
  }
],
"PowerOnHoursPOH": {
  "basm": "R",
  "bextend": "",
  "bn": "PowerOnHoursPOH",
  "bst": "",
  "btype": "d",
```

```

        "e": [
            {
                "n": "type",
                "v": 9
            },
            {
                "n": "flags",
                "v": 0
            },
            {
                "n": "worst",
                "v": 0
            },
            {
                "n": "value",
                "v": 92
            },
            {
                "n": "vendorData",
                "sv": "000000001778"
            }
        ]
    },
    "PoweroffRetractCount": {
        "basn": "R",
        "bextend": "",
        "bn": "PoweroffRetractCount",
        "bst": "",
        "btype": "d",
        "e": [
            {
                "n": "type",
                "v": 192
            },
        ],
    },

```

```
{
  "n": "flags",
  "v": 0
},
{
  "n": "worst",
  "v": 0
},
{
  "n": "value",
  "v": 200
},
{
  "n": "vendorData",
  "sv": "0000000001FC"
}
]
},
"ReadErrorRate": {
  "basn": "R",
  "bextend": "",
  "bn": "ReadErrorRate",
  "bst": "",
  "btype": "d",
  "e": [
    {
      "n": "type",
      "v": 1
    },
    {
      "n": "flags",
      "v": 0
    }
  ],
  {
```

```

        "n": "worst",
        "v": 0
    },
    {
        "n": "value",
        "v": 195
    },
    {
        "n": "vendorData",
        "sv": "000000002B5B"
    }
]
},
"ReallocatedSectorsCount": {
    "basm": "R",
    "bextend": "",
    "bn": "ReallocatedSectorsCount",
    "bst": "",
    "btype": "d",
    "e": [
        {
            "n": "type",
            "v": 5
        },
        {
            "n": "flags",
            "v": 0
        },
        {
            "n": "worst",
            "v": 0
        },
        {
            "n": "value",

```

```

        "v": 200
      },
      {
        "n": "vendorData",
        "sv": "00000000000000"
      }
    ]
  },
  "ReallocationEventCount": {
    "basn": "R",
    "bextend": "",
    "bn": "ReallocationEventCount",
    "bst": "",
    "btype": "d",
    "e": [
      {
        "n": "type",
        "v": 196
      },
      {
        "n": "flags",
        "v": 0
      },
      {
        "n": "worst",
        "v": 0
      },
      {
        "n": "value",
        "v": 200
      },
      {
        "n": "vendorData",
        "sv": "00000000000000"
      }
    ]
  }
}

```

```
    }  
  ]  
},  
"SeekErrorRate": {  
  "basn": "R",  
  "bextend": "",  
  "bn": "SeekErrorRate",  
  "bst": "",  
  "btype": "d",  
  "e": [  
    {  
      "n": "type",  
      "v": 7  
    },  
    {  
      "n": "flags",  
      "v": 0  
    },  
    {  
      "n": "worst",  
      "v": 0  
    },  
    {  
      "n": "value",  
      "v": 200  
    },  
    {  
      "n": "vendorData",  
      "sv": "00000000000000"  
    }  
  ]  
},  
"SpinRetryCount": {  
  "basn": "R",
```

```
"bextend": "",
"bn": "SpinRetryCount",
"bst": "",
"btype": "d",
"e": [
  {
    "n": "type",
    "v": 10
  },
  {
    "n": "flags",
    "v": 0
  },
  {
    "n": "worst",
    "v": 0
  },
  {
    "n": "value",
    "v": 100
  },
  {
    "n": "vendorData",
    "sv": "00000000000000"
  }
]
},
"SpinUpTime": {
  "basn": "R",
  "bextend": "",
  "bn": "SpinUpTime",
  "bst": "",
  "btype": "d",
  "e": [
```



```
{
  "n": "type",
  "v": 3
},
{
  "n": "flags",
  "v": 0
},
{
  "n": "worst",
  "v": 0
},
{
  "n": "value",
  "v": 187
},
{
  "n": "vendorData",
  "sv": "0000000000661"
}
]
},
"StartStopCount": {
  "basm": "R",
  "bextend": "",
  "bn": "StartStopCount",
  "bst": "",
  "btype": "d",
  "e": [
    {
      "n": "type",
      "v": 4
    },
  ],
  {
```

```

        "n": "flags",
        "v": 0
    },
    {
        "n": "worst",
        "v": 0
    },
    {
        "n": "value",
        "v": 98
    },
    {
        "n": "vendorData",
        "sv": "000000000086B"
    }
]
},
"Temperature": {
    "basm": "R",
    "bextend": "",
    "bn": "Temperature",
    "bst": "",
    "btype": "d",
    "e": [
        {
            "n": "type",
            "v": 194
        },
        {
            "n": "flags",
            "v": 0
        },
        {
            "n": "worst",

```

```
        "v": 0
      },
      {
        "n": "value",
        "v": 113
      },
      {
        "n": "vendorData",
        "sv": "0000000000022"
      }
    ]
  },
  "UltraDMACRCErrCount": {
    "basn": "R",
    "bextend": "",
    "bn": "UltraDMACRCErrCount",
    "bst": "",
    "btype": "d",
    "e": [
      {
        "n": "type",
        "v": 199
      },
      {
        "n": "flags",
        "v": 0
      },
      {
        "n": "worst",
        "v": 0
      },
      {
        "n": "value",
        "v": 200
      }
    ]
  }
}
```

```

    },
    {
      "n": "vendorData",
      "sv": "000000000007B"
    }
  ]
},
"UncorrectableSectorCount": {
  "basn": "R",
  "bextend": "",
  "bn": "UncorrectableSectorCount",
  "bst": "",
  "btype": "d",
  "e": [
    {
      "n": "type",
      "v": 198
    },
    {
      "n": "flags",
      "v": 0
    },
    {
      "n": "worst",
      "v": 0
    },
    {
      "n": "value",
      "v": 100
    },
    {
      "n": "vendorData",
      "sv": "00000000000000"
    }
  ]
}

```

```
        ],
      },
      "bn": "WDC WD5000BEVT-22ZAT0",
      "ver": 1
    }
  ]
}
```

HWMonitorMgmt - GetHWData

1.0.0 ▾

Retrieve hardware monitor information of values for specific agent ID.

GET

/HWMonitorMgmt/getHWData/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

```
{
  "result": {
    "SUSIControl": {
```

```
"Backlight": {
  "Backlight 1": {
    "bn": "Backlight 1",
    "e": [
      {
        "id": 17106177,
        "n": "Brightness",
        "v": 90
      },
      {
        "id": 17105921,
        "n": "Backlight",
        "v": 1
      }
    ],
    "id": 17105153
  },
  "bn": "Backlight",
  "id": 327680
},
"GPIO": {
  "GPIO00": {
    "bn": "GPIO00",
    "e": [
      {
        "id": 17039873,
        "n": "Dir",
        "v": 0
      },
      {
        "id": 17040129,
        "n": "Level",
        "v": 1
      }
    ]
  }
}
```

```
],
  "id": 17039617
},
"GPI001": {
  "bn": "GPI001",
  "e": [
    {
      "id": 17039874,
      "n": "Dir",
      "v": 0
    },
    {
      "id": 17040130,
      "n": "Level",
      "v": 1
    }
  ]
},
  "id": 17039618
},
"GPI002": {
  "bn": "GPI002",
  "e": [
    {
      "id": 17039875,
      "n": "Dir",
      "v": 0
    },
    {
      "id": 17040131,
      "n": "Level",
      "v": 1
    }
  ]
},
  "id": 17039619
```

```
},
"GPI003": {
  "bn": "GPI003",
  "e": [
    {
      "id": 17039876,
      "n": "Dir",
      "v": 0
    },
    {
      "id": 17040132,
      "n": "Level",
      "v": 1
    }
  ],
  "id": 17039620
},
"GPI004": {
  "bn": "GPI004",
  "e": [
    {
      "id": 17039877,
      "n": "Dir",
      "v": 1
    },
    {
      "id": 17040133,
      "n": "Level",
      "v": 1
    }
  ],
  "id": 17039621
},
"GPI005": {
```



```
"bn": "GPIO05",
  "e": [
    {
      "id": 17039878,
      "n": "Dir",
      "v": 1
    },
    {
      "id": 17040134,
      "n": "Level",
      "v": 1
    }
  ],
  "id": 17039622
},
"GPIO06": {
  "bn": "GPIO06",
  "e": [
    {
      "id": 17039879,
      "n": "Dir",
      "v": 1
    },
    {
      "id": 17040135,
      "n": "Level",
      "v": 1
    }
  ],
  "id": 17039623
},
"GPIO07": {
  "bn": "GPIO07",
  "e": [
```

```
{
  "id": 17039880,
  "n": "Dir",
  "v": 1
},
{
  "id": 17040136,
  "n": "Level",
  "v": 1
}
],
  "id": 17039624
},
  "bn": "GPIO",
  "id": 262144
},
  "Hardware Monitor": {
    "Fan Speed": {
      "bn": "Fan Speed",
      "e": [
        {
          "id": 16909057,
          "n": "CPU",
          "v": 0
        },
        {
          "id": 16909058,
          "n": "System",
          "v": 0
        }
      ]
    },
    "id": 131840
  },
  "Temperature": {
```

```
    "bn": "Temperature",
    "e": [
      {
        "id": 16908547,
        "n": "System",
        "v": 0
      }
    ],
    "id": 131328
  },
  "Voltage": {
    "bn": "Voltage",
    "e": [
      {
        "id": 16908806,
        "n": "12V",
        "v": 11.906
      },
      {
        "id": 16908807,
        "n": "5V Standby",
        "v": 5.014
      },
      {
        "id": 16908809,
        "n": "CMOS Battery",
        "v": 3.178
      }
    ],
    "id": 131584
  },
  "bn": "Hardware Monitor",
  "id": 131072
},
```

```
"Platform Information": {
  "bn": "Platform Information",
  "e": [
    {
      "id": 16843010,
      "n": "Boot up times",
      "v": 1947
    },
    {
      "id": 16843011,
      "n": "Running time (hours)",
      "v": 20699
    },
    {
      "id": 16843778,
      "n": "Board name",
      "sv": "EBC-AC09"
    },
    {
      "id": 16843781,
      "n": "BIOS revision",
      "sv": "(AC09X016.BIN)"
    },
    {
      "id": 16843265,
      "n": "Driver version",
      "sv": "4.0.12800"
    },
    {
      "id": 16843266,
      "n": "Library version",
      "sv": "4.0.12800"
    }
  ]
}
```

```
        "id": 16843267,  
        "n": "Firmware version",  
        "sv": "17.7.773"  
      }  
    ],  
    "id": 65536  
  }  
}
```

HWMonitorMgmt - GetNetworkData

1.0.0 ▾

Retrieve network information for specific agent ID.

GET

/HWMonitorMgmt/getNetworkData/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

```
{  
  "result": {
```

```
"NetMonitor": {
  "netMonInfoList": [
    {
      "bn": "eth0",
      "bt": 1429062197,
      "bu": "",
      "e": [
        {
          "n": "adapterName",
          "sv": "eth0"
        },
        {
          "n": "adapterDescription",
          "sv": ""
        },
        {
          "n": "type",
          "sv": "1"
        },
        {
          "n": "index",
          "v": 0
        },
        {
          "n": "status",
          "sv": "Disconnect"
        },
        {
          "n": "speedMbps",
          "v": 0
        },
        {
          "n": "netUsage",
          "v": 0
        }
      ]
    }
  ]
}
```

```
    },
    {
      "n": "sendBytes",
      "v": 0
    },
    {
      "n": "sendThroughput",
      "v": 0
    },
    {
      "n": "recvBytes",
      "v": 0
    },
    {
      "n": "recvThroughput",
      "v": 0
    }
  ],
  "ver": 1
},
{
  "bn": "eth1",
  "bt": 1429062197,
  "bu": "",
  "e": [
    {
      "n": "adapterName",
      "sv": "eth1"
    },
    {
      "n": "adapterDescription",
      "sv": ""
    }
  ],
  {
```

```
    "n": "type",
    "sv": "1"
  },
  {
    "n": "index",
    "v": 1
  },
  {
    "n": "status",
    "sv": "Disconnect"
  },
  {
    "n": "speedMbps",
    "v": 0
  },
  {
    "n": "netUsage",
    "v": 0
  },
  {
    "n": "sendBytes",
    "v": 0
  },
  {
    "n": "sendThroughput",
    "v": 0
  },
  {
    "n": "recvBytes",
    "v": 0
  },
  {
    "n": "recvThroughput",
    "v": 0
  }
}
```



```
    },
    ],
    "ver": 1
  }
]
```

KVMMgmt

KVMMgmt

1.0.0 ▾

Retrieve KVM information for specific device.

GET

/KVMMgmt/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "IP": "172.22.13.31",
    "KVMmode": "default",
    "password": "mT8w53JS",
    "port": 5904
  }
}
```

KVMMgmt

1.0.0 ▾

Set KVM mode and password for specific device.

POST

/KVMMgmt

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": [
      {
        "@name": "agentId",
        "@value": "xxx"
      },
      {
        "@name": "mode",
```

```

        "@value": "2"
      },
      {
        "@name": "listenport",
        "@value": "5500"
      },
      {
        "@name": "listenhost",
        "@value": "172.x.x.x"
      }
    ]
  }
}

```

Body Content

Field	Type	Description
name	string	Specify Agent ID, Mode{listenport, listenhost, repeaterport, repeaterhost, or repeaterid depened on mode} Allowed values: <code>"agentId, mode"</code>
value-mode	string	represent KVM mode to normal(1), listen(2) and repeater(3) mode. The normal mode of KVM's port number is 5904. Size range: <code>1-3</code>
value-listenport optional	string	Value of Listen Port(If mode is 2, these values are required to listen port and listen host.)
value-listenhost optional	string	Value of listen Host(If mode is 2, these values are required to listen port and listen host.)

value-repeaterport optional	string	Value of Repeater Port(If mode is 3, these values are required to repeater port, and repeater ID.)
value-repeaterid optional	string	Value of Repeater ID(If mode is 3, these values are required to repeater port, and repeater ID.)

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "IP": "172.22.13.31",
    "KVMmode": "default",
    "password": "mT8w53JS",
    "port": 5904
  }
}
```

KVMMgmt - GetScreenshot

1.0.0 ▾

Retrieve current screenshot for specific device.

GET

```
/KVMMgmt/getScreenshot/<id>
```

URL Parameter

Field	Type	Description
-------	------	-------------

id

string

Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "login": true,
    "path": "/tmp/0000545345435435.jpg"
  }
}
```

LDAPMgmt

LDAPMgmt - login

1.0.0 ▼

Retrieve LDAP login api.

POST

/LDAPMgmt/login

Request Example(json)

[Request Example\(xml\)](#)

```
{
```

```
"request":{
  "username":"advantech\\Jonathan.Lin",
  "password":"UYioaPPrRTw+AdNg1AjPcw=="
}
```

Body Content

Field	Type	Description
username	string	LDAP Account
email	string	LDAP Account Mail
password	string	LDAP Account Password

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result":{
    "role":{
      "@name": "device admin",
      "account":{"@id": "112"},
      "lastevtID": 972,
      "active": true,
      "tag":["a", "b", "c", "d", "e", "f", "g", "h", "i", " "],
      "username": "advantech\\Jonathan.Lin_ldap",
      "password": "U1ioaPPrUMw+AdNg1AjPcw=="
    }
  }
}
```

MsgNotify

MsgNotify - SendEmail

1.0.0 ▾

Test mail setting and send the mail.

POST

/MsgNotify/sendEmail

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "content": "test",
    "recipient": "kevin @mail.advantech.com.tw",
    "smtp_account": "advantech\\kevin",
    "smtp_passwd": "URwBWUWoNYVioqy+LD/0kQ==",
    "smtp_port": 25,
    "smtp_sender": "kevin@advantech.com.tw",
    "smtp_server": "mail.advantech.com.tw",
    "smtp_ssl": true,
    "smtp_tls": false,
    "subject": "test"
  }
}
```

Body Content

Field	Type	Description
content	string	Content of Mail
subject	string	Subject of Mail
recipient	string	Mailbox of Recipient
smtp_account	string	Mailbox Account of Sender
smtp_passwd	string	Mailbox Password of Sender
smtp_port	number	SMTP Port
smtp_sender	string	Mailbox of Sender
smtp_ssl	boolean	Enable SMTP with SSL or Not Allowed values: <code>true</code> , <code>false</code>
smtp_tls	boolean	Enable SMTP with TLS or Not Allowed values: <code>true</code> , <code>false</code>

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```


Test SMS setting and send the SMS.

POST

/MsgNotify/sendSMS

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "content": "test",
    "phone": 886960123456,
    "sms_account": "Kevin.Kao",
    "sms_apiid": 1111111,
    "sms_passwd": "fB+MZp0fXUFievALyXpphQ=="
  }
}
```

Body Content

Field	Type	Description
content	string	Content of Message
subject	number	Phone Number
sms_account	string	Account of SMS Sender
sms_apiid	number	ID of SMS Sender
sms_passwd	string	Password of SMS Sender

Response Example(json)

[Response Example\(xml\)](#)

```
{  
  "result": true  
}
```

NoSQLMgmt

NoSQLMgmt - CreateCollection

1.0.0 ▼

Set the name of collection and fields with index to create collection for MongoDB.

POST

/NoSQLMgmt/createCollection

Request Example(json)

[Request Example\(xml\)](#)

```
{  
  "request": {  
    "collectionName": {  
      "@value": "table"  
    },  
  },  
}
```

```
"indexFields": {
  "item": [
    {
      "@fieldName": "test1"
    },
    {
      "@fieldName": "test2"
    }
  ]
}
```

Body Content

Field	Type	Description
collectionName	list	List of Collaction Name
value	string	Collaction Name
indexFields	list	List of Field with Index
fieldName optional	string	Field Nam

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

Set the name of collection and some conditions to delete for MongoDB.

POST

/NoSQLMgmt/delData

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "collectionName": "HDDMonitor",
    "condition": [
      {
        "subCondition": [
          {
            "field": "v",
            "operator": "$gt",
            "value": 80
          }
        ]
      },
      {
        "operator": "$or",
        "subCondition": [
          {
            "field": "u",
            "operator": "$eq",
            "value": "percent"
          }
        ]
      }
    ]
  }
}
```

```
        "field": "n",
        "operator": "$eq",
        "value": "hddHealthPercent"
      }
    ]
  },
],
"conditions_op": "$and"
}
}
```

Body Content

Field	Type	Description
collectionName	string	Collaction Name
conditions_op optional	string	Relationship of Conditions Allowed values: "\$or", "\$nor", "\$and", "\$not"
condition	list	List of Subcondition
operator optional	string	Relationship of Subconditions Allowed values: "\$or", "\$nor", "\$and", "\$not"
subcondition	json	One Instance of Condition

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

NoSQLMgmt - InsertData

1.0.0 ▾

Insert data to specific collection in MongoDB. Set the name of collection and data content to insert.
(every data has to be json format)

POST

/NoSQLMgmt/insertData

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "collectionName": "SUSIControl",
    "data": [
      {
        "testDouble": 10.44,
        "testJARRAY": [
          {
            "array1": "array1"
          },
          {
            "array2": 123
          }
        ],
        "testJSON": {
          "sub1": "sub1",
          "sub2": 2
        }
      },
    ],
  },
}
```

```
    "testLong": 988,  
    "testNestJARRAY": [  
      {  
        "array1sub": "array1"  
      },  
      {  
        "array2sub": {  
          "array2Sub": 123  
        }  
      },  
      {  
        "array3sub": [  
          {  
            "av1": "123"  
          },  
          {  
            "av2": 456  
          }  
        ]  
      }  
    ],  
    "testString": "test111"  
  },  
  {  
    "testDouble": 10.22,  
    "testLong": 988,  
    "testString": "test111",  
    "ts": "2015-06-2 509:08:31.731"  
  }  
]  
}
```

Body Content

Field	Type	Description
collectionName	string	Collaction Name
data	List	List of Json Document

Response Example(json)

[Response Example\(xml\)](#)

```
{  
  "result": true  
}
```

NoSQLMgmt - QryData

1.0.0 ▾

Query data to specific collection for MongoDB, and it follow the format of Mongo Pipeline Aggregation stage, but not support pipeline options.

POST

/NoSQLMgmt/qryData

Request Example(json)

```
{  
  "request": {  
    "collectionName": " NetMonitor",  
    "pipelineList": [  

```



```

{
  "$match": {
    "testDouble": {
      "$lt": 10000
    }
  },
  {
    "$limit": 100
  },
  {
    "$skip": 5
  }
]
}

```

Body Content

Field	Type	Description
collectionName	string	Collaction Name
pipelineList	list	List of Mongo Pipeline Aggregation stage

Response Example(json)

```

{ "result" : { "item" : [ { "_id" : "556d3eb0fce6ee19b0ba5897",
  "agentId" : "000000E04C680016",
  "handler" : "NetMonitor",
  "n" : "speedMbps",
  "sensorId" : "/Local Area Connection 2/speedMbps",
  "ts" : "Tue Jun 02 13:27:11 CST 2015",

```

```
    "v" : "0"
  },
  { "_id" : "556d3eb0fce6ee19b0ba5898",
    "agentId" : "000000E04C680016",
    "handler" : "NetMonitor",
    "n" : "netUsage",
    "sensorId" : "/Local Area Connection 2/netUsage",
    "ts" : "Tue Jun 02 13:27:11 CST 2015",
    "v" : "0"
  },
  { "_id" : "556d3eb0fce6ee19b0ba5899",
    "agentId" : "000000E04C680016",
    "handler" : "NetMonitor",
    "n" : "sendBytes",
    "sensorId" : "/Local Area Connection 2/sendBytes",
    "ts" : "Tue Jun 02 13:27:11 CST 2015",
    "v" : "0"
  }
] }
```

NoSQLMgmt - UpdateData

1.0.0 ▾

Set the name of collection and some conditions to update for mongoDB.

POST

/NoSQLMgmt/updateData

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "collectionName": "HDDMonitor",
    "condition": [
      {
        "subCondition": [
          {
            "field": "v",
            "operator": "$gt",
            "value": 1
          }
        ]
      },
      {
        "operator": "$or",
        "subCondition": [
          {
            "field": "u",
            "operator": "$eq",
            "value": "celsius"
          },
          {
            "field": "n",
            "operator": "$eq",
            "value": "hddTemp"
          }
        ]
      }
    ]
  },
  "conditions_op": "$and",
  "fields": {
    "agentId": "QQQQQQQQQQQQQQ"
  }
}
```

```
}
```

Body Content

Field	Type	Description
collectionName	string	Collaction Name
conditions_op optional	string	Relationship of Conditions Allowed values: "\$or", "\$nor", "\$and", "\$not"
condition	list	List of Subcondition
subcondition	json	One Instance of Condition
operator optional	string	Relationship of Subconditions Allowed values: "\$or", "\$nor", "\$and", "\$not"
fields	string	Updated Result

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

PowerMgmt

PowerMgmt

1.0.0 ▾

Set device to power on, power off, sleep, hibernate, reboot.

POST

/PowerMgmt

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": [
      {
        "@name": "agentId",
        "@value": "xxx"
      },
      {
        "@name": "groupId",
        "@value": "1"
      },
      {
        "@name": "action",
        "@value": "ON "
      }
    ]
  }
}
```

Body Content

Field	Type	Description
name	string	Specify Agent ID, Group ID and Action Allowed values: "agentId", "groupId", "action"
value-action	string	Value of Name for Action Allowed values: "On", "S3", "S4", "S5", "Reboot"

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

PowerMgmt - AddPowerSch

1.0.0 ▾

Add power on, power off, sleep, hibernate, reboot schedule for device or group{week, day or date depend on mode}.

POST

/PowerMgmt/addPowerSch

Request Example(json)

[Request Example\(xml\)](#)

```
[sleep action for daily mode for specific device]
{
  "request": {
    "schedule": {
      "item": [
        {
          "@name": "name",
          "@value": "Sch_1"
        },
        {
          "@name": "enable",
          "@value": "true"
        },
        {
          "@name": "time",
          "@value": "08:00"
        },
        {
          "@name": "mode",
          "@value": "daily"
        },
        {
          "@name": "action",
          "@value": "Sleep"
        },
        {
          "@name": "devices",
          "@value": "0000545345435435"
        }
      ]
    }
  }
}
```

Body Content

Field	Type	Description
name	string	Specify Name, Time, Mode, Action, devices and Enable Allowed values: "name", "time", "mode", "action", "devices", "enable"
value-action	string	Value of Name for Action Allowed values: "Power On", "Power Off", "Sleep", "Hibernate", "Reboot"
value-mode	string	Value of Name for Mode Allowed values: "week", "day", "date"
value-devices	string	Value of Name for Devices Allowed values: "agentId", "Group:Group Id"
value-week optional	number	Value of Name for Week(if mode is weekly, the value is 0 to 6, represent Sunday to Saturday.) Size range: 0-6
value-day optional	number	Value of day for Day(if mode is monthly, the value is 1 to 31, represent day of month.) Size range: 1-31
value-date optional	string	Value of day for Date(if mode is yearly, the value is 1~12/1~31, represent month/day.)

[Response Example\(json\)](#)

[Response Example\(xml\)](#)


```
{
  "result": true
}
```

PowerMgmt - CheckSchName

1.0.0 ▾

Check the specific schedule name already exist or not.

POST

/PowerMgmt/checkSchName

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "schName": {
      "@value": "Sch_1"
    }
  }
}
```

Body Content

Field	Type	Description
schName	list	List of Schedule Name
value	string	Schedule Name

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "schNameExist": true
  }
}
```

PowerMgmt - DelPowerSch

1.0.0 ▼

Delete the specific power schedule by schedule name.

DELETE

/PowerMgmt/delPowerSch/<name>

URL Parameter

Field	Type	Description
name	string	Schedule Name

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

PowerMgmt - EditPowerSch

1.0.0 ▾

Edit power on, power off, sleep, hibernate, reboot schedule for device or group.

PUT

/PowerMgmt/editPowerSch

Request Example(json)

[Request Example\(xml\)](#)

```
[Edit schedule "Sch_1" to sleep action for daily mode for specific device]
{
  "request": {
    "schedule": {
      "item": [
        {
          "@name": "name",
          "@value": "Sch_1"
        },
        {
          "@name": "enable",
          "@value": "true"
        },
        {
          "@name": "time",
          "@value": "08:00"
        },
        {
          "@name": "mode",
```

```

        "@value": "daily"
      },
      {
        "@name": "action",
        "@value": "Sleep"
      },
      {
        "@name": "devices",
        "@value": "0000545345435435"
      }
    ]
  }
}

```

Body Content

Field	Type	Description
name	string	Specify Name, Time, Mode, Action, devices and Enable{week, day or date depend on mode} Allowed values: "name", "time", "mode", "action", "devices", "enable"
value-action	string	Value of Name for Action Allowed values: "Power On", "Power Off", "Sleep", "Hibernate", "Reboot"
value-mode	string	Value of Name for Mode Allowed values: "week", "day", "date"
value-devices	string	Value of Name for Devices

			Allowed values: <code>"agentId"</code> , <code>"Group:Group Id"</code>
value-week	optional	number	Value of Name for Week(if mode is weekly, the value is 0 to 6, represent Sunday to Saturday.) Size range: <code>0-6</code>
value-day	optional	number	Value of day for Day(if mode is monthly, the value is 1 to 31, represent day of month.) Size range: <code>1-31</code>
value-date	optional	string	Value of day for Date(if mode is yearly, the value is 1~12/1~31, represent month/day.)

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

PowerMgmt - FuzzySearch

1.0.0 ▾

Retrieve power on/off information from condition.

POST

/PowerMgmt/fuzzySearch

```
{
  "request": {
    "lang": {
      "@value": "en-US"
    },
    "clause": {
      "item": [
        {
          "@name": "group_id",
          "@value": "1"
        },
        {
          "@name": "account_id",
          "@value": "1"
        },
        {
          "@name": "connect",
          "@value": "connected"
        }
      ]
    },
    "like": {
      "@value": ""
    },
    "orderby": {
      "item": {
        "@name": "ts",
        "@value": "ASC"
      }
    },
    "resultfilter": {
```

```

        "item": [
            {
                "@name": "page size",
                "@value": "10"
            },
            {
                "@name": "page no",
                "@value": "1"
            }
        ]
    }
}

```

Body Content

Field	Type	Description
lang	string	Translate the result to specific language. Allowed values: <code>"en-US"</code> , <code>"zh-TW"</code> , <code>"zh-CN"</code> , <code>"ja_JP"</code>
clause	string[]	Each item is "And" operation in SQL query.
group_id	string	Group ID
account_id	string	Account ID
connect	string	Status of Connection
like	string	Each value within space is "OR" operation in SQL query.
Orderby	string	Order by which field and in DESCending or ASCending(Field: name, ts) Allowed values: <code>"DESC"</code> , <code>"ASC"</code>

Resultfilter

string

get the SQL result with specific range by page size and page number, default page size is 20 (Maximum: 100), and number is 1.

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": [
      {
        "IoTGW": {
          "interface": {
            "netInterface": "/WSN/00170d0000602e11/Info/SenHubList",
            "sensorHub": [
              {
                "agentId": "00170d00006062fb",
                "agentType": "SenHub",
                "autoReport": {
                  "All": {}
                },
                "did": 5,
                "hddState": "Normal",
                "hwState": "Normal",
                "name": "Motion",
                "netState": "Normal",
                "reportInterval": 10,
                "sensorHubInterface": "/WSN/00170d0000602e11/Info/SenHubList",
                "status": "Connected",
                "swState": "Normal",
                "upgrade": false
              }
            ]
          }
        }
      }
    ]
  }
}
```



```
        "agentId": "00170d0000606411",
        "agentType": "SenHub",
        "autoReport": {
            "All": {}
        },
        "did": 6,
        "hddState": "Normal",
        "hwState": "Normal",
        "name": "CO2",
        "netState": "Normal",
        "reportInterval": 10,
        "sensorHubInterface": "/WSN/00170d0000602e11/Info/SenHubList",
        "status": "Connected",
        "swState": "Normal",
        "upgrade": false
    }
}

},
"agentId": "0000068B1FEBF1AE",
"agentType": "IPC_IoTGW",
"amtSupport": false,
"functionlist": "restart",
"groupid": 1,
"groupname": "unassign",
"handlerList": {
    "handler": [
        {
            "aliasName": "HDDMonitor",
            "handlerName": "HDDMonitor"
        },
        {
            "aliasName": "NetMonitor",
            "handlerName": "NetMonitor"
        }
    ]
}
```

```
    },
    {
      "aliasName": "ProcessMonitor",
      "handlerName": "ProcessMonitor"
    },
    {
      "aliasName": "SUSIControl",
      "handlerName": "SUSIControl"
    },
    {
      "aliasName": "IoTGW",
      "handlerName": "IoTGW"
    }
  ]
},
"hddState": "Normal",
"hwState": "Normal",
"isrdagent": false,
"lock": "None",
"macList": "5E:06:93:A3:41:EA;5E:06:93:A3:41:EA",
"name": "imx6qwise3310",
"netState": "Normal",
"oid": 4,
"osversion": "Poky (Yocto Project Reference Distro) 1.5.3 armv7l",
"powertime": null,
"serial": "0000068B1FEBF1AE",
"status": "Connected",
"swState": "Normal",
"ts": "2015-10-06 17:01:57.211",
"type": "device"
},
{
  "agentId": "00000000BAB374520",
  "agentType": "IPC",
```

```
"amtssupport": false,
"functionlist": "wol,shutdown,restart,suspend",
"groupid": 1,
"groupname": "unassign",
"handlerList": {
  "handler": [
    {
      "aliasName": "HDDMonitor",
      "handlerName": "HDDMonitor"
    },
    {
      "aliasName": "NetMonitor",
      "handlerName": "NetMonitor"
    },
    {
      "aliasName": "ProcessMonitor",
      "handlerName": "ProcessMonitor"
    },
    {
      "aliasName": "SUSIControl",
      "handlerName": "SUSIControl"
    }
  ]
},
"hddState": "Normal",
"hwState": "Normal",
"isrdagent": false,
"lock": "None",
"macList": "00:D0:C9:12:34:92;00:D0:C9:12:34:91;00:0B:AB:37:45:20;0A:00",
"name": "WIN-QFPAAQQ4BHP",
"netState": "Normal",
"oid": 3,
"osversion": "Windows 7 Service Pack 1 X64",
"powertime": null,
```

```
    "serial": "0000000BAB374520",
    "status": "Disconnected",
    "swState": "Normal",
    "ts": "2015-10-02 16:38:17.965",
    "type": "device"
  }
],
"totalsize": 2
}
```

PowerMgmt - GetGroupAndAccount

1.0.0 ▾

Retrieve device groups and account information from login account, only show devices with power handler.

GET

/PowerMgmt/getGroupAndAccount

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "Account": [
      {
        "accountid": 2,
        "accountname": "admin",
        "description": "System admin",

```

```
        "rootErrorDev": 1,
        "rootTotalDev": 1,
        "type": "self"
    },
    {
        "accountid": 18,
        "accountname": "Kevin",
        "description": "Project Supervisor",
        "rootErrorDev": 0,
        "rootTotalDev": 0,
        "type": "share"
    }
]
}
```

PowerMgmt - GetGroupByID

1.0.0 ▾

Retrieve the power information with specific group ID.

GET

/PowerMgmt/getGroupByID/<id>

URL Parameter

Field	Type	Description
id	string	Group ID

```
{
  "request": {
    "clause": {
      "item": [
        {
          "@name": "group_id",
          "@value": "2"
        },
        {
          "@name": "account_id",
          "@value": "1"
        }
      ]
    },
    "lang": {
      "@value": "en-US"
    },
    "like": {
      "@value": ""
    },
    "orderby": {
      "item": {
        "@name": "ts",
        "@value": "ASC"
      }
    },
    "resultfilter": {
      "item": [
        {
          "@name": "page size",
          "@value": "10"
        }
      ]
    }
  }
}
```

```
    },  
    {  
      "@name": "page no",  
      "@value": "1"  
    }  
  ]  
}  
}
```

PowerMgmt - GetLastBootupTime

1.0.0 ▾

Retrieve last boot up time information for specific device.

GET

/PowerMgmt/getLastBootupTime/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{  
  "result": { "lastbootuptime" : "2015-02-13 11:25:46.764" }  
}
```

PowerMgmt - GetMacList

1.0.0 ▾

Retrieve MAC information for specific device.

GET

```
/PowerMgmt/getMacList/<id>
```

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": { "macList" : "54:53:45:43:54:35" }
}
```

PowerMgmt - GetPowerSch

1.0.0 ▾

Retrieve power schedule information for specific device.

GET

/PowerMgmt/getPowerSch/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID or Group ID

Response Example(json)

[Response Example\(xml\)](#)

```
[id: 0000545345435435, and this device in Group 3]
{
  "result": {
    "OnOffSearch": {
      "Schedule": [
        {
          "ScheduleType": "GroupSch",
          "action": "Reboot",
          "devices": {
            "@total": "1",
            "device": "Group:3"
          },
          "enable": true,
          "interval": 1,
          "mode": "daily",
          "name": "SCH_15_18",
          "nextExcuteTime": "2014-07-26 09:30",
          "time": "09:30"
        },
        {
          "ScheduleType": "DeviceSch",
          "action": "Hibernate",
```

```
    "devices": {
      "@total": "1",
      "device": "0000545345435435"
    },
    "enable": true,
    "interval": 1,
    "mode": "daily",
    "name": "SCH_15_44",
    "nextExcuteTime": "2014-07-26 09:30",
    "time": "09:30"
  },
  {
    "ScheduleType": "DeviceSch",
    "action": "Power Off",
    "date": "2/14",
    "devices": {
      "@total": "1",
      "device": "0000545345435435"
    },
    "enable": true,
    "interval": 1,
    "mode": "yearly",
    "name": "Sch_9",
    "nextExcuteTime": "2015-02-14 08:00",
    "time": "08:00"
  }
],
"action": "Hibernate",
"nextExcuteTime": "2014-07-26 09:30",
"total": 3
}
}
```

PowerMgmt - GetPowerTime

1.0.0 ▾

Retrieve power time information for specific device.

GET

```
/PowerMgmt/getPowerTime/<id>
```

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "agentid": "0000545345435435",
    "powertime": "1 22:3:20"
  }
}
```

PowerMgmt - GroupFuzzySearch

1.0.0 ▾

Retrieve power on/off information from condition.

POST

/PowerMgmt/groupFuzzySearch

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "clause": {
      "item": [
        {
          "@name": "group_id",
          "@value": "2"
        },
        {
          "@name": "account_id",
          "@value": "1"
        }
      ]
    },
    "lang": {
      "@value": "en-US"
    },
    "like": {
      "@value": ""
    },
    "orderby": {
      "item": {
        "@name": "ts",
        "@value": "ASC"
      }
    }
  },
}
```

```

    "resultfilter": {
      "item": [
        {
          "@name": "page size",
          "@value": "10"
        },
        {
          "@name": "page no",
          "@value": "1"
        }
      ]
    }
  }
}

```

Body Content

Field	Type	Description
lang	string	Translate the result to specific language. Allowed values: <code>"en-US"</code> , <code>"zh-TW"</code> , <code>"zh-CN"</code> , <code>"ja_JP"</code>
clause	string[]	Each item is "And" operation in SQL query.
group_id	string	Group ID
account_id	string	Account ID
like	string	Each value within space is "OR" operation in SQL query.
Orderby	string	Order by which field and in DESCending or ASCending(Field: name, ts) Allowed values: <code>"DESC"</code> , <code>"ASC"</code>

Resultfilter

string

Get the SQL result with specific range by page size and page number.

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": {
      "accountid": 2,
      "accountname": "admin",
      "amtsupport": false,
      "gid": 1,
      "name": "Linkou",
      "showstatus": "onlyPowerOn",
      "type": "group"
    },
    "totalsize": 1
  }
}
```

ProtectionMgmt

ProtectionMgmt

1.0.0 ▼

Retrieve the McAfee information for specific device.

GET

/ProtectionMgmt/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{ "result" : { "existInstaller" : false,
  "item" : { "actionmsg" : "None",
    "activated" : false,
    "agentId" : "00000000BAB374520",
    "agentType" : "IPC",
    "agent_version" : "3.1.15.2820",
    "bios_version" : "(AC09X016.BIN)",
    "cpuname" : "Intel(R) Core(TM) i7-2655LE CPU @ 2.20GHz",
    "enable" : false,
    "expired" : true,
    "functionList" : "protect,unprotect,remoteinstall,remoteupdate,remoteactivation",
    "handlerList" : { "handler" : [ { "aliasName" : "HDDMonitor",
      "handlerName" : "HDDMonitor"
    },
    { "aliasName" : "NetMonitor",
      "handlerName" : "NetMonitor"
    },
    { "aliasName" : "ProcessMonitor",
      "handlerName" : "ProcessMonitor"
    }
  ]
}
```

```
        { "aliasName" : "SUSIControl",  
          "handlerName" : "SUSIControl"  
        }  
      ] },  
      "hddState" : "Normal",  
      "hwState" : "Normal",  
      "installed" : false,  
      "ip" : "172.22.13.13",  
      "lock" : "None",  
      "name" : "WIN-QFPAAQQ4BHP",  
      "netState" : "Normal",  
      "newversion" : false,  
      "os_version" : "Windows 7 Service Pack 1 X64",  
      "pid" : 3,  
      "serial" : "00000000BAB374520",  
      "status" : "Disconnected",  
      "swState" : "Normal",  
      "type" : "device",  
      "warningmsg" : "None"  
    },  
    "totalsize" : 1  
  } }
```

ProtectionMgmt

1.0.0 ▾

Set device to install/update McAfee, protect, unprotect, activate.

POST

/ProtectionMgmt


```
{ "request" : { "item" : [ { "@name" : "agentId",
                           "@value" : "0000545345435435"
                         },
                        { "@name" : "action",
                          "@value" : "install"
                        },
                        { "@name" : "isActivate",
                          "@value" : "True"
                        },
                        { "@name" : "companyName",
                          "@value" : "Advantech"
                        },
                        { "@name" : "mcafeeSN",
                          "@value" : "xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx"
                        }
                      ] } }
```

Body Content

Field	Type	Description
name	string	Specify Agent ID, Group ID, Action, Company Name, McafeeSN and IsActivate{if isActivate is true, default is false or action is activate} Allowed values: "agentId", "groupId", "action", "companyName", "mcafeeSN", "isActivate"
value-action	string	Protection Action(if device not installed, the protect, unprotect, activate are not work. If device installed, but not activated, update is not work. If device installed and

		expired, only activate can used.) Allowed values: "install", "update", "protect", "unprotect", "activate"
value-isActivate	string	Represent Activate the McAfee Allowed values: "true", "false"
value-companyName	string	Company Name of McAfee Allowed values: "true", "false"
value-mcafeeSN	string	Serial number of McAfee Allowed values: "true", "false"

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

ProtectionMgmt - CheckSN

1.0.0 ▾

Check the serial number of McAfee.

POST

```
/ProtectionMgmt/checkSN
```

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": [
      {
        "@name": "companyName",
        "@value": "Advantech"
      },
      {
        "@name": "mcafeeSN",
        "@value": "xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx"
      }
    ]
  }
}
```

Body Content

Field	Type	Description
companyName	string	Company Name
mcafeeSN	string	McAfee Series Number

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

ProtectionMgmt - FuzzySearch

1.0.0 ▾

Retrieve protection information from condition.

POST

/ProtectionMgmt/fuzzySearch

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "clause": {
      "item": [
        {
          "@name": "group_id",
          "@value": "2"
        },
        {
          "@name": "account_id",
          "@value": "2"
        },
        {
          "@name": "connect",
          "@value": "connected"
        }
      ]
    },
    "lang": {
      "@value": "en-US"
    }
  }
}
```

```

    },
    "like": {
      "@value": ""
    },
    "orderby": {
      "item": {
        "@name": "ts",
        "@value": "ASC"
      }
    },
    "resultfilter": {
      "item": [
        {
          "@name": "page size",
          "@value": "10"
        },
        {
          "@name": "page no",
          "@value": "1"
        }
      ]
    }
  }
}

```

Body Content

Field	Type	Description
lang	string	Translate the result to specific language. Allowed values: <code>"en-US"</code> , <code>"zh-TW"</code> , <code>"zh-CN"</code> , <code>"ja_JP"</code>
clause	list	Each item is "And" operation in SQL query.

like	string	Each value within space is "OR" operation in SQL query.
Orderby	string	Order by which field and in DESCending or ASCending Allowed values: <code>"DESC"</code> , <code>"ASV"</code>
Resultfilter	string	get the SQL result with specific range by page size and page number, default page size is 20 (Maximum: 100), and number is 1.

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "existInstaller": false,
    "item": [
      {
        "IoTGW": {
          "interface": {
            "netInterface": "/WSN/00170d0000602e11/Info/SenHubList",
            "sensorHub": [
              {
                "agentId": "00170d00006062fb",
                "agentType": "SenHub",
                "autoReport": {
                  "All": {}
                },
                "did": 5,
                "hddState": "Normal",
                "hwState": "Normal",
                "name": "Motion",
                "netState": "Normal",
                "reportInterval": 10,
```

```
        "sensorHubInterface": "/WSN/00170d0000602e11/Info/SenHubLis",
        "status": "Connected",
        "swState": "Normal",
        "upgrade": false
    },
    {
        "agentId": "00170d0000606411",
        "agentType": "SenHub",
        "autoReport": {
            "All": {}
        },
        "did": 6,
        "hddState": "Normal",
        "hwState": "Normal",
        "name": "CO2",
        "netState": "Normal",
        "reportInterval": 10,
        "sensorHubInterface": "/WSN/00170d0000602e11/Info/SenHubLis",
        "status": "Connected",
        "swState": "Normal",
        "upgrade": false
    }
]
}
},
"actionmsg": "None",
"activated": false,
"agentId": "0000068B1FEBF1AE",
"agentType": "IPC_IoTGW",
"agent_version": "3.0.0.0",
"bios_version": null,
"cpuname": "ARMv7 Processor rev 10 (v7l)",
"enable": false,
"expired": true,
```

```
"functionList": "Protect,Unprotect",
"handlerList": {
  "handler": [
    {
      "aliasName": "HDDMonitor",
      "handlerName": "HDDMonitor"
    },
    {
      "aliasName": "NetMonitor",
      "handlerName": "NetMonitor"
    },
    {
      "aliasName": "ProcessMonitor",
      "handlerName": "ProcessMonitor"
    },
    {
      "aliasName": "SUSIControl",
      "handlerName": "SUSIControl"
    },
    {
      "aliasName": "IoTGW",
      "handlerName": "IoTGW"
    }
  ]
},
"hddState": "Normal",
"hwState": "Normal",
"installed": false,
"ip": "172.22.12.219",
"lock": "None",
"name": "imx6qwise3310",
"netState": "Normal",
"newversion": false,
"os_version": "Poky (Yocto Project Reference Distro) 1.5.3 armv7l",
```



```
"pid": 4,  
"serial": "0000068B1FEBF1AE",  
"status": "Connected",  
"swState": "Normal",  
"type": "device",  
"warningmsg": "None"  
},  
{  
  "actionmsg": "None",  
  "activated": false,  
  "agentId": "0000000BAB374520",  
  "agentType": "IPC",  
  "agent_version": "3.1.15.2820",  
  "bios_version": "(AC09X016.BIN)",  
  "cpuname": "Intel(R) Core(TM) i7-2655LE CPU @ 2.20GHz",  
  "enable": false,  
  "expired": true,  
  "functionList": "protect,unprotect,remoteinstall,remoteupdate,remoteacti  
  "handlerList": {  
    "handler": [  
      {  
        "aliasName": "HDDMonitor",  
        "handlerName": "HDDMonitor"  
      },  
      {  
        "aliasName": "NetMonitor",  
        "handlerName": "NetMonitor"  
      },  
      {  
        "aliasName": "ProcessMonitor",  
        "handlerName": "ProcessMonitor"  
      },  
      {  
        "aliasName": "SUSIControl",
```

```
        "handlerName": "SUSIControl"
    }
]
},
"hddState": "Normal",
"hwState": "Normal",
"installed": false,
"ip": "172.22.13.13",
"lock": "None",
"name": "WIN-QFPAAQQ4BHP",
"netState": "Normal",
"newversion": false,
"os_version": "Windows 7 Service Pack 1 X64",
"pid": 3,
"serial": "00000000BAB374520",
"status": "Disconnected",
"swState": "Normal",
"type": "device",
"warningmsg": "None"
}
],
"totalsize": 2
}
}
```

ProtectionMgmt - GetGroupAndAccount

1.0.0 ▼

Retrieve device groups and account information from login account, only show devices with protection handler

GET

/ProtectionMgmt/getGroupAndAccount

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "Account": [
      {
        "accountid": 2,
        "accountname": "admin",
        "description": "System admin",
        "rootErrorDev": 1,
        "rootTotalDev": 1,
        "type": "self"
      },
      {
        "accountid": 18,
        "accountname": "Kevin",
        "description": "Project Supervisor",
        "rootErrorDev": 0,
        "rootTotalDev": 0,
        "type": "share"
      }
    ]
  }
}
```

ProtectionMgmt - GetGroupByID

1.0.0 ▼

Retrieve the protection information with specific group ID.

GET

/ProtectionMgmt/getGroupByID/<id>

URL Parameter

Field	Type	Description
id	long	Group ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "existInstaller": true,
    "item": {
      "gid": 3,
      "name": "Linkou",
      "showAction": false,
      "showActivate": false,
      "showInstall": false,
      "showUpdate": false,
      "type": "group"
    },
    "totalsize": 1
  }
}
```

ProtectionMgmt - GroupFuzzySearch

1.0.0 ▾

Retrieve protection information from conditionn.

POST

/ProtectionMgmt/groupFuzzySearch

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "clause": {
      "item": [
        {
          "@name": "group_id",
          "@value": "3"
        },
        {
          "@name": "account_id",
          "@value": "2"
        }
      ]
    },
    "lang": {
      "@value": "en-US"
    },
    "like": {
      "@value": ""
    },
    "orderby": {
      "item": {
```

```

        "@name": "ts",
        "@value": "ASC"
    },
    "resultfilter": {
        "item": [
            {
                "@name": "page size",
                "@value": "10"
            },
            {
                "@name": "page no",
                "@value": "1"
            }
        ]
    }
}

```

Body Content

Field	Type	Description
lang	string	Translate the result to specific language. Allowed values: <code>"en-US"</code> , <code>"zh-TW"</code> , <code>"zh-CN"</code> , <code>"ja_JP"</code>
clause	list	Each item is "And" operation in SQL query.
like	string	Each value within space is "OR" operation in SQL query.
Orderby	string	Order by which field and in DESCending or ASCending Allowed values: <code>"DESC"</code> , <code>"ASC"</code>
Resultfilter	string	Get the SQL result with specific range by page size and

[Response Example\(json\)](#)[Response Example\(xml\)](#)

```
{
  "result": {
    "existInstaller": true,
    "item": {
      "gid": 3,
      "name": "Linkou",
      "showAction": false,
      "showActivate": false,
      "showInstall": false,
      "showUpdate": false,
      "type": "group"
    },
    "totalsize": 1
  }
}
```

RecoveryMgmt

RecoveryMgmt

1.0.0 ▾

Retrieve the Acronis information for specific device.

GET

/RecoveryMgmt/<id>

URL Parameter

Field	Type	Description
id	string	Agent ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "existInstaller": false,
    "item": {
      "actionmsg": "None",
      "activated": false,
      "agentId": "00000000BAB374520",
      "agentType": "IPC",
      "agent_version": "3.1.15.2820",
      "asz": false,
      "bios_version": "(AC09X016.BIN)",
      "cpuname": "Intel(R) Core(TM) i7-2655LE CPU @ 2.20GHz",
      "expired": true,
      "functionList": "backup,recovery,remoteinstall,remoteupdate,remoteactivate",
      "handlerList": {
        "handler": [
          {
            "aliasName": "HDDMonitor",
            "handlerName": "HDDMonitor"
          }
        ]
      }
    }
  }
}
```



```
{
  {
    "aliasName": "NetMonitor",
    "handlerName": "NetMonitor"
  },
  {
    "aliasName": "ProcessMonitor",
    "handlerName": "ProcessMonitor"
  },
  {
    "aliasName": "SUSIControl",
    "handlerName": "SUSIControl"
  }
],
"hddState": "Normal",
"hwState": "Normal",
"installed": false,
"ip": "172.22.13.13",
"lock": "None",
"name": "WIN-QFPAAQQ4BHP",
"netState": "Normal",
"newversion": false,
"os_version": "Windows 7 Service Pack 1 X64",
"rid": 3,
"serial": "0000000BAB374520",
"status": "Disconnected",
"swState": "Normal",
"type": "device",
"warningmsg": "None"
},
"totalsize": 1
}
```

RecoveryMgmt

1.0.0 ▾

Set device to install/update Acronis, backup, recovery, activate.

POST

/RecoveryMgmt

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": [
      {
        "@name": "agentId",
        "@value": "0000545345435435"
      },
      {
        "@name": "action",
        "@value": "install"
      },
      {
        "@name": "isActivate",
        "@value": "True"
      },
      {
        "@name": "companyName",
        "@value": "Advantech"
      },
      {
```

```

        "@name": "acronisSN",
        "@value": "xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx"
    },
    {
        "@name": "aszPercent",
        "@value": "20"
    }
]
}
}

```

Body Content

Field	Type	Description
name	string	agentId or groupId, action, aszPercent{if action is install}, companyName, acronisSN{if isActivate is true, default is false, or action is activate} Allowed values: "agentId", "groupId", "action", "aszPercent", "companyName", "acronisSN"
value-agentId optional	string	value of Name for Agent ID (one of agent id and group id has to exist)
value-groupId optional	string	value of Name for Group ID (one of agent id and group id has to exist)
value-action	string	Value of Name for Action(if device not installed, the backup, recovery, activate are not work. if device installed, but not activated, update is not work. if device installed and expired, only activate can used.) Allowed values: "install", "update", "backup", "recovery", "activate"

value-isActivate	string	Value of Name for isActivate(represent activate the Acronis. If the value is "True", the companyName and acronis SN items are required.) Allowed values: <code>"True"</code> , <code>"False"</code>
value-companyname	string	Company Name of Acronis
value-acronisSN	string	Serial number of Acronis
value-aszPercent optional	string	represent create percentage of free space(if the size is smaller than current system used, the ASZ will create current system size.) Size range: <code>0-100</code>

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

RecoveryMgmt - AddRecoverySch

1.0.0 ▾

Add backup schedule for device or group.

POST

```
/RecoveryMgmt/addRecoverySch
```

```
[backup action for daily mode for specific device]
{ "request" : { "schedule" : { "item" : [ { "@name" : "name",
      "@value" : "Sch_1"
    },
    { "@name" : "enable",
      "@value" : "true"
    },
    { "@name" : "time",
      "@value" : "08:00"
    },
    { "@name" : "mode",
      "@value" : "daily"
    },
    { "@name" : "action",
      "@value" : "backup"
    },
    { "@name" : "devices",
      "@value" : "0000545345435435"
    }
  ] } } }
{
}
```

Body Content

Field	Type	Description
name	string	Specify Name, Time, Mode, Action, devices and Enable{week, day or date depend on mode} Allowed values: "name", "time", "mode", "action",

		<code>"devices"</code> , <code>"enable"</code>
value-action	string	Value of Name for Action Allowed values: <code>"backup"</code>
value-mode	string	Value of Name for Mode Allowed values: <code>"week"</code> , <code>"day"</code> , <code>"date"</code>
value-devices	string	Value of Name for Devices Allowed values: <code>"agentId"</code> , <code>"Group:Group Id"</code>
value-week optional	number	Value of Name for Week(if mode is weekly, the value is 0 to 6, represent Sunday to Saturday.) Size range: <code>0-6</code>
value-day optional	number	Value of day for Day(if mode is monthly, the value is 1 to 31, represent day of month.) Size range: <code>1-31</code>
value-date optional	string	Value of day for Date(if mode is yearly, the value is 1~12/1~31, represent month/day.)

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

Check the serial number of McAfee.

POST

/RecoveryMgmt/checkSN

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": [
      {
        "@name": "companyName",
        "@value": "Advantech"
      },
      {
        "@name": "acronisSN",
        "@value": "xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx"
      }
    ]
  }
}
```

Body Content

Field	Type	Description
companyName	string	Company Name
acronisSN	string	Acronis Series Number

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

RecoveryMgmt - De1RecoverySch

1.0.0 ▼

Delete the specific backup schedule by schedule name.

DELETE

```
/RecoveryMgmt/de1RecoverySch/<name>
```

URL Parameter

Field	Type	Description
name	string	Schedule Name

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```


RecoveryMgmt - EditRecoverySch

1.0.0 ▾

Edit backup schedule for device or group.

POST

/RecoveryMgmt/editRecoverySch

Request Example(json)

[Request Example\(xml\)](#)

```
[Edit schedule "Sch_1" to backup action for daily mode for specific device]
{
  "request": {
    "schedule": {
      "item": [
        {
          "@name": "name",
          "@value": "Sch_1"
        },
        {
          "@name": "enable",
          "@value": "true"
        },
        {
          "@name": "time",
          "@value": "08:00"
        },
        {
          "@name": "mode",
          "@value": "daily"
        }
      ]
    }
  }
}
```

```
{
  "@name": "action",
  "@value": "backup"
},
{
  "@name": "devices",
  "@value": "0000545345435435"
}
]
}
}
```

Body Content

Field	Type	Description
name	string	Specify Name, Time, Mode, Action, devices and Enable{week, day or date depend on mode} Allowed values: "name", "time", "mode", "action", "devices", "enable"
value-action	string	Value of Name for Action Allowed values: "backup"
value-mode	string	Value of Name for Mode Allowed values: "week", "day", "date"
value-devices	string	Value of Name for Devices Allowed values: "agentId", "Group:Group Id"
value-week	optional number	Value of Name for Week(if mode is weekly, the value is 0

			to 6, represent Sunday to Saturday.) Size range: 0-6
value-day	optional	number	Value of day for Day(if mode is monthly, the value is 1 to 31, represent day of month.) Size range: 1-31
value-date	optional	string	Value of day for Date(if mode is yearly, the value is 1~12/1~31, represent month/day.)

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

RecoveryMgmt - FuzzySearch

1.0.0

Retrieve backup/recovery information from condition.

POST

```
/RecoveryMgmt/fuzzySearch
```

Request Example(json)

Request Example(xml)

```
{
```

```
"request": {
  "clause": {
    "item": [
      {
        "@name": "group_id",
        "@value": "2"
      },
      {
        "@name": "account_id",
        "@value": "1"
      },
      {
        "@name": "connect",
        "@value": "connected"
      }
    ]
  },
  "lang": {
    "@value": "en-US"
  },
  "like": {
    "@value": ""
  },
  "orderby": {
    "item": {
      "@name": "ts",
      "@value": "ASC"
    }
  },
  "resultfilter": {
    "item": [
      {
        "@name": "page size",
        "@value": "10"
      }
    ]
  }
}
```

```
    },
    {
      "@name": "page no",
      "@value": "1"
    }
  ]
}
}
```

Body Content

Field	Type	Description
lang	string	Translate the result to specific language. Allowed values: <code>"en-US"</code> , <code>"zh-TW"</code> , <code>"zh-CN"</code> , <code>"ja_JP"</code>
clause	list	Each item is "And" operation in SQL query.
like	string	Each value within space is "OR" operation in SQL query.
Orderby	string	Order by which field and in DESCending or ASCending Allowed values: <code>"DESC"</code> , <code>"ASC"</code>
Resultfilter	string	get the SQL result with specific range by page size and page number, default page size is 20 (Maximum: 100), and number is 1.

Response Example(json)

Response Example(xml)

```
{
  "result": {
```

```
"existInstaller": false,
"item": [
  {
    "IoTGW": {
      "interface": {
        "netInterface": "/WSN/00170d0000602e11/Info/SenHubList",
        "sensorHub": [
          {
            "agentId": "00170d00006062fb",
            "agentType": "SenHub",
            "autoReport": {
              "All": {}
            },
            "did": 5,
            "hddState": "Normal",
            "hwState": "Normal",
            "name": "Motion",
            "netState": "Normal",
            "reportInterval": 10,
            "sensorHubInterface": "/WSN/00170d0000602e11/Info/SenHubList",
            "status": "Connected",
            "swState": "Normal",
            "upgrade": false
          },
          {
            "agentId": "00170d0000606411",
            "agentType": "SenHub",
            "autoReport": {
              "All": {}
            },
            "did": 6,
            "hddState": "Normal",
            "hwState": "Normal",
            "name": "CO2",
```

```
        "netState": "Normal",
        "reportInterval": 10,
        "sensorHubInterface": "/WSN/00170d0000602e11/Info/SenHubList",
        "status": "Connected",
        "swState": "Normal",
        "upgrade": false
    }
}
],
},
"actionmsg": "None",
"activated": false,
"agentId": "0000068B1FEBF1AE",
"agentType": "IPC_IoTGW",
"agent_version": "3.0.0.0",
"asz": false,
"bios_version": null,
"cpuname": "ARMv7 Processor rev 10 (v7l)",
"expired": true,
"functionList": "Backup,Recovery",
"handlerList": {
    "handler": [
        {
            "aliasName": "HDDMonitor",
            "handlerName": "HDDMonitor"
        },
        {
            "aliasName": "NetMonitor",
            "handlerName": "NetMonitor"
        },
        {
            "aliasName": "ProcessMonitor",
            "handlerName": "ProcessMonitor"
        }
    ],
}
```

```
{
  {
    "aliasName": "SUSIControl",
    "handlerName": "SUSIControl"
  },
  {
    "aliasName": "IoTGW",
    "handlerName": "IoTGW"
  }
]
},
"hddState": "Normal",
"hwState": "Normal",
"installed": false,
"ip": "172.22.12.219",
"lock": "None",
"name": "imx6qwise3310",
"netState": "Normal",
"newversion": false,
"os_version": "Poky (Yocto Project Reference Distro) 1.5.3 armv7l",
"rid": 4,
"serial": "0000068B1FEBF1AE",
"status": "Connected",
"swState": "Normal",
"type": "device",
"warningmsg": "None"
},
{
  "actionmsg": "None",
  "activated": false,
  "agentId": "0000000BAB374520",
  "agentType": "IPC",
  "agent_version": "3.1.15.2820",
  "asz": false,
  "bios_version": "(AC09X016.BIN)",
```



```
"cpuName": "Intel(R) Core(TM) i7-2655LE CPU @ 2.20GHz",
"expired": true,
"functionList": "backup,recovery,remoteinstall,remoteupdate,remoteactivation",
"handlerList": {
  "handler": [
    {
      "aliasName": "HDDMonitor",
      "handlerName": "HDDMonitor"
    },
    {
      "aliasName": "NetMonitor",
      "handlerName": "NetMonitor"
    },
    {
      "aliasName": "ProcessMonitor",
      "handlerName": "ProcessMonitor"
    },
    {
      "aliasName": "SUSIControl",
      "handlerName": "SUSIControl"
    }
  ]
},
"hddState": "Normal",
"hwState": "Normal",
"installed": false,
"ip": "172.22.13.13",
"lock": "None",
"name": "WIN-QFPAAQQ4BHP",
"netState": "Normal",
"newVersion": false,
"os_version": "Windows 7 Service Pack 1 X64",
"rid": 3,
"serial": "00000000BAB374520",
```

```
        "status": "Disconnected",
        "swState": "Normal",
        "type": "device",
        "warningmsg": "None"
    }
],
"totalsize": 2
}
```

RecoveryMgmt - GetGroupAndAccount

1.0.0 ▾

Retrieve device groups and account information from login account, only show devices with recovery handler.

GET

/RecoveryMgmt/getGroupAndAccount

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "Account": [
      {
        "accountid": 2,
        "accountname": "admin",
        "description": "System admin",
        "rootErrorDev": 1,

```

```
    "rootTotalDev": 1,
    "type": "self"
  },
  {
    "accountid": 18,
    "accountname": "Kevin",
    "description": "Project Supervisor",
    "rootErrorDev": 0,
    "rootTotalDev": 0,
    "type": "share"
  }
]
}
```

RecoveryMgmt - GetGroupByID

1.0.0 ▾

Retrieve the backup/recovery information with specific group ID.

GET

/RecoveryMgmt/getGroupByID/<id>

URL Parameter

Field	Type	Description
id	logn	Group ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "existInstaller": true,
    "item": {
      "gid": 1,
      "name": "Linkou",
      "nextAction": "backup",
      "nextExcuteTime": "2014-07-29 08:00",
      "showAction": false,
      "showActivate": true,
      "showInstall": true,
      "showUpdate": false,
      "type": "group"
    },
    "totalsize": 1
  }
}
```

RecoveryMgmt - GetRecoverySch

1.0.0 ▾

Retrieve backup schedule information for specific device.

GET

/RecoveryMgmt/getRecoverySch/<id>

URL Parameter

Field	Type	Description
-------	------	-------------

id

string

Agent ID or Group:Group ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "RecoverySearch": {
      "Schedule": [
        {
          "ScheduleType": "DeviceSch",
          "action": "backup",
          "devices": {
            "@total": "1",
            "device": "0000545345435435"
          },
          "enable": true,
          "interval": 1,
          "mode": "daily",
          "name": "Sch_1",
          "nextExcuteTime": "2014-07-29 09:00",
          "time": "09:00"
        },
        {
          "ScheduleType": "DeviceSch",
          "action": "backup",
          "devices": {
            "@total": "1",
            "device": "0000545345435435"
          },
          "enable": true,
          "interval": 1,
          "mode": "weekly",
```

```
    "name": "Sch_2",
    "nextExcuteTime": "2014-07-29 08:00",
    "time": "08:00",
    "week": "0;2;3;5;6"
  },
  {
    "ScheduleType": "GroupSch",
    "action": "backup",
    "devices": {
      "@total": "1",
      "device": "Group:3"
    },
    "enable": true,
    "interval": 1,
    "mode": "weekly",
    "name": "Sch_5",
    "nextExcuteTime": "2014-07-29 08:00",
    "time": "08:00",
    "week": "0;2;3;5;6"
  }
],
"action": "backup",
"nextExcuteTime": "2014-07-29 08:00",
"total": 3
}
}
```

RecoveryMgmt - GroupFuzzySearch

1.0.0 ▾

Retrieve backup/recovery information from condition.

POST

/RecoveryMgmt/groupFuzzySearch

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "clause": {
      "item": [
        {
          "@name": "group_id",
          "@value": "2"
        },
        {
          "@name": "account_id",
          "@value": "1"
        }
      ]
    },
    "lang": {
      "@value": "en-US"
    },
    "like": {
      "@value": ""
    },
    "orderby": {
      "item": {
        "@name": "ts",
        "@value": "ASC"
      }
    }
  }
}
```

```

    },
    "resultfilter": {
      "item": [
        {
          "@name": "page size",
          "@value": "10"
        },
        {
          "@name": "page no",
          "@value": "1"
        }
      ]
    }
  }
}

```

Body Content

Field	Type	Description
lang	string	Translate the result to specific language. Allowed values: <code>"en-US"</code> , <code>"zh-TW"</code> , <code>"zh-CN"</code> , <code>"ja_JP"</code>
clause	list	Each item is "And" operation in SQL query.
like	string	Each value within space is "OR" operation in SQL query.
Orderby	string	Order by which field and in DESC ending or ASC ending Allowed values: <code>"DESC"</code> , <code>"ASC"</code>
Resultfilter	string	Get the SQL result with specific range by page size and page number.

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "existInstaller": true,
    "item": {
      "gid": 1,
      "name": "Linkou",
      "showAction": false,
      "showActivate": true,
      "showInstall": true,
      "showUpdate": false,
      "type": "group"
    },
    "totalsize": 1
  }
}
```

RedundancyMgmt

RedundancyMgmt

1.0.0 ▼

Add a slave server to sync current server. You have to add current server as master first time. You must invoke this API on original master server. Post master will ignore ssl and password option.

POST

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "desc": "in the Taipei",
    "name": "ROC",
    "priority": "2",
    "serverip": "172.22.13.29",
    "ssl": false,
    "password": "admin"
  }
}
```

Body Content

Field	Type	Description
serverip	string	Server IP
name	string	Server Name
desc	string	Description
priority	string	Priority
ssl optional	string	Enable SSL for Mosquito
password	string	Password of Slave Server for Administrator

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

RedundancyMgmt

1.0.0 ▾

Edit specific redundancy server name, desc and priority by ID. Not each item required, put the item that you want to modify. You must invoke this API on original master server.

PUT

/RedundancyMgmt/<id>

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "desc": "in the Tokyo",
    "name": "JPN",
    "priority": "2"
  }
}
```

URL Parameter

Field	Type	Description
id	long	Server ID

Body Content

Field	Type	Description
name	string	Server Name
desc	string	Description
priority	string	Priority

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

RedundancyMgmt

1.0.0 ▼

Delete specific redundancy server from replication set by ID. You can only invoke this API on original master server.

DELETE

/RedundancyMgmt/<id>

URL Parameter

Field	Type	Description
id	long	Server ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

RedundancyMgmt

1.0.0 ▾

Retrieve all redundancy servers information.

GET

/RedundancyMgmt

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": [
      {
        "ssl": false,
        "connected": true,
        "description": "in the Taipei",
        "master": "true",
        "name": "ROC",
        "priority": 1,
        "serverid": "0000AC220B88E66A",

```

```
    "serverip": "172.22.13.29",
    "sid": 1
  },
  {
    "ssl": false,
    "connected": true,
    "description": "in the New York",
    "master": "false",
    "name": "USA",
    "priority": 2,
    "serverid": "00007824AF846729",
    "serverip": "172.22.12.255",
    "sid": 2
  }
],
"totalsize": 2
}
```

RoleMgmt

RoleMgmt

1.0.0 ▼

Retrieve specific role information by role ID.

DELETE

/RoleMgmt/<Primary-key>

URL Parameter

Field	Type	Description
Primary-key	string	Role ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

RoleMgmt

1.0.0 ▾

Retrieve all roles information.

GET

/RoleMgmt

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": [
      {
```

```
    "rid": 1,
    "rolename": "admin",
    "tag": "a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q",
    "ts": "2013-02-04 12:00:00.000"
  },
  {
    "rid": 2,
    "rolename": "system admin",
    "tag": "a,b,c,d,e,f,g,h,i,j,k,m",
    "ts": "2013-02-04 12:00:00.000"
  },
  {
    "rid": 3,
    "rolename": "guest",
    "tag": "j",
    "ts": "2013-02-04 12:00:00.000"
  }
],
"totalsize": 3
}
```

RoleMgmt

1.0.0 ▾

Retrieve specific role information by role ID.

GET

/RoleMgmt/<Primary-key>

URL Parameter

Field	Type	Description
Primary-key	string	Role ID

Response Example(json)

Response Example(xml)

```
{
  "request": {
    "role": {
      "item": [
        {
          "@name": "rid",
          "@value": "6"
        },
        {
          "@name": "rolename",
          "@value": "Dev_Manager"
        },
        {
          "@name": "privilege",
          "@value": "a,b,c,d,e,f"
        }
      ]
    }
  }
}
```

RoleMgmt

Add role information.

POST

/RoleMgmt

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "role": {
      "item": [
        {
          "@name": "rolename",
          "@value": "Manager"
        },
        {
          "@name": "privilege",
          "@value": "a,b,c,d,e"
        }
      ]
    }
  }
}
```

Body Content

Field	Type	Description
rolename	string	Role Name
privilege	string	Privilege

Response Example(json)

Response Example(xml)

```
{
  "result": { "rid" : 5 }
}
```

RoleMgmt

1.0.0 ▾

Edit role information.

PUT

/RoleMgmt

Request Example(json)

Request Example(xml)

```
{
  "request": {
    "role": {
      "item": [
        {
          "@name": "rid",
          "@value": "6"
        },
        {
          "@name": "rolename",
          "@value": "Dev_Manager"
        }
      ]
    }
  }
}
```

```
    },
    {
      "@name": "privilege",
      "@value": "a,b,c,d,e,f"
    }
  ]
}
}
```

Body Content

Field	Type	Description
rid	string	Role ID
rolename	string	Role Name
privilege	string	Privilege

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

RoleMgmt

1.0.0 ▾

Edit specific role information by role ID.

PUT

/RoleMgmt/<Primary-key>

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "role": {
      "item": [
        {
          "@name": "rolename",
          "@value": "Dev_Manager"
        },
        {
          "@name": "privilege",
          "@value": "a,b,c,d,e,f"
        }
      ]
    }
  }
}
```

URL Parameter

Field	Type	Description
Primary-key	string	Role ID

Body Content

Field	Type	Description
-------	------	-------------

rolename	string	Role Name
privilege	string	Privilege

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

SQLMgmt

SQLMgmt - CreateTable

1.0.0 ▼

Create a structure table for PostgreSQL.

POST

/SQLMgmt/createTable

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
```

```
"fields": {
  "item": [
    {
      "@allowNULL": "true",
      "@fieldName": "name",
      "@fieldType": "character",
      "@length": "256"
    },
    {
      "@allowNULL": "false",
      "@fieldName": "score",
      "@fieldType": "bigint"
    },
    {
      "@allowNULL": "false",
      "@fieldName": "score2",
      "@fieldType": "double"
    },
    {
      "@allowNULL": "false",
      "@fieldName": "birthday",
      "@fieldType": "timestamp"
    }
  ]
},
"tableName": {
  "@value": "abc"
}
}
```

Body Content

Field	Type	Description
tableName	string	Table Name
Field	json	Content of Field
fieldName	string	Field Name
fieldType	string	field Type
allowNULL optional	string	Allow field contains NULL.

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

SQLMgmt - DelData

1.0.0 ▼

Delete data to specific table for PostgreSQL.

POST

```
/SQLMgmt/delData
```

Request Example(json)

Request Example(xml)

```
{
```



```

"request": {
  "conditions": {
    "item": {
      "@operator": "=",
      "@tableField": "abc.score",
      "@tableField2": "abc.score2"
    }
  },
  "conditions_op": {
    "@value": "AND"
  },
  "tableName": {
    "@value": "abc"
  }
}
}

```

Body Content

Field	Type	Description
tableName	string	Table Name
conditions	string[]	Condition Content of Data
tableField	string	Condition Field Name
tableField2	string	Condition Field Object
value	string	Condition Field Value
operator	string	Condition Operator
conditions_op optional	string	Relationship of Condition Allowed values: "AND" , "OR"

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

SQLMgmt - GetTableInfo

1.0.0 ▾

Get specific table information for PostgreSQL.

GET

/SQLMgmt/getTableInfo/<name>

URL Parameter

Field	Type	Description
name	string	Table Name

Response Example(json) { "result": { "item": [{ "fieldName": "name", "fieldType": "character varying" }, { "fieldName": "score", "fieldType": "bigint" }, { "fieldName":

[Response Example\(xml\)](#)

"score2", "fieldType": "double precision" }, { "fieldName": "birthday", "fieldType"

SQLMgmt - InsertData

1.0.0 ▾

Insert data to specific table for PostgreSQL.

POST

/SQLMgmt/insertData

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "fields": {
      "item": [
        {
          "@fieldName": "name",
          "@value": "sephiroth"
        },
        {
          "@fieldName": "score",
          "@value": "90"
        },
        {
          "@fieldName": "score2",
          "@value": "12.34"
        },
        {
          "@fieldName": "birthday",
          "@value": "1985-01-01"
        }
      ]
    }
  }
}
```

```
    ]
  },
  "tableName": {
    "@value": "abc"
  }
}
```

Body Content

Field	Type	Description
tableName	string	Table Name
fields	json	Content of Data
fieldName	string	Field Name
value	string	Field Value

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

SQLMgmt - QryData

1.0.0 ▾

Query data to specific table for PostgreSQL.

POST

/SQLMgmt/qryData

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "conditions": {
      "item": {
        "@operator": "=",
        "@tableField": "abc.name",
        "@value": "sephiroth"
      }
    },
    "conditions_op": {
      "@value": "AND"
    },
    "limit": {
      "@value": "2"
    },
    "offset": {
      "@value": "10"
    },
    "orderBy": {
      "item": {
        "@tableField": "abc.score2",
        "@value": "ASC"
      }
    },
    "selectFields": {
      "item": [
```

```
{
  {
    "@tableField": "abc.name"
  },
  {
    "@tableField": "abc.score"
  },
  {
    "@tableField": "abc.score2"
  }
]
}
```

Body Content

Field	Type	Description
selectFields	string[]	Generated Fields
tableField	string	Generated Field
conditions	string[]	Condition Content of Data
tableField	string	Condition Field Name
tableField2	string	Condition Field Object
value	string	Condition Field Value
operator	string	Condition Operator
orderBy	string[]	Sort Specific Field
tableField	string	Field for Sort

value		string	Sort Method Allowed values: "ASC", "DESC"
conditions_op	optional	string	Relationship of Condition Allowed values: "AND", "OR"
offset	optional	string	Offset of Condition
limit	optional	string	Amount of Condition

Response Example(json)

Response Example(xml)

```
{
  "result": {
    "item": {
      "name": "sephiroth",
      "score": 90,
      "score2": 12.34
    }
  }
}
```

SQLMgmt - UpdateData

1.0.0 ▾

Update data to specific table for PostgreSQL.

POST

/SQLMgmt/updateData

Request Example(json)

Request Example(xml)

```
{
  "request": {
    "conditions": {
      "item": {
        "@operator": "=",
        "@tableField": "abc.score",
        "@tableField2": "abc.score2"
      }
    },
    "conditions_op": {
      "@value": "AND"
    },
    "fields": {
      "item": {
        "@fieldName": "score2",
        "@value": "99.99"
      }
    },
    "tableName": {
      "@value": "abc"
    }
  }
}
```

Body Content

Field	Type	Description
tableName	string	Table Name

fields	string[]	New Content of Data
fieldName	string	New Field Name
value	string	New Field Value
conditions	string[]	Condition Content of Data
tableField	string	Condition Field Name
tableField2	string	Condition Field Object
value	string	Condition Field Value
operator	string	Condition Operator
conditions_op optional	string	Relationship of Condition Allowed values: "AND", "OR"

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

SWMonitorMgmt

SWMonitorMgmt - GetSWData

1.0.0 ▾

Retrieve software and operation system information for specific agent ID.

GET

/SWMonitorMgmt/getSWData/<id>

URL Parameter

Field	Type	Description
Agent	string	ID

Response Example(json)

```
{
  "result": {
    "ProcessMonitor": {
      "Process Monitor Info": [
        {
          "basn": "R",
          "bextend": "",
          "bn": "30624-kscreenlocker_g",
          "bst": "",
          "btype": "d",
          "e": [
            {
              "n": "Name",
              "sv": "kscreenlocker_g"
            },
            {

```

```
        "n": "PID",
        "v": 30624
    },
    {
        "n": "CPU Usage",
        "v": 0
    },
    {
        "n": "Mem Usage",
        "v": 48620
    },
    {
        "n": "IsActive",
        "v": 1
    }
]
},
{
    "basm": "R",
    "bextend": "",
    "bn": "1142-dbus-daemon",
    "bst": "",
    "btype": "d",
    "e": [
        {
            "n": "Name",
            "sv": "dbus-daemon"
        },
        {
            "n": "PID",
            "v": 1142
        },
        {
            "n": "CPU Usage",
```

```
        "v": 0
      },
      {
        "n": "Mem Usage",
        "v": 1516
      },
      {
        "n": "IsActive",
        "v": 1
      }
    ]
  },
  {
    "basm": "R",
    "bextend": "",
    "bn": "1139-dbus-launch",
    "bst": "",
    "btype": "d",
    "e": [
      {
        "n": "Name",
        "sv": "dbus-launch"
      },
      {
        "n": "PID",
        "v": 1139
      },
      {
        "n": "CPU Usage",
        "v": 0
      },
      {
        "n": "Mem Usage",
        "v": 556
      }
    ]
  }
]
```

```
    },
    {
      "n": "IsActive",
      "v": 1
    }
  ]
},
{
  "basm": "R",
  "bextend": "",
  "bn": "1041-startkde",
  "bst": "",
  "btype": "d",
  "e": [
    {
      "n": "Name",
      "sv": "startkde"
    },
    {
      "n": "PID",
      "v": 1041
    },
    {
      "n": "CPU Usage",
      "v": 0
    },
    {
      "n": "Mem Usage",
      "v": 1232
    },
    {
      "n": "IsActive",
      "v": 1
    }
  ]
}
```

```
    ]
  }
],
"System Monitor Info": {
  "basm": "R",
  "bextend": "",
  "bn": "System Monitor Info",
  "bst": "",
  "btype": "d",
  "e": [
    {
      "n": "CPU Usage",
      "v": 35
    },
    {
      "n": "totalPhysMemKB",
      "v": 2007
    },
    {
      "n": "availPhysMemKB",
      "v": 245
    }
  ]
}
}
```

SWMonitorMgmt - KillProcess

1.0.0 ▾

Kill the specific process.

POST

/SwMonitorMgmt/killProcess

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "proc": {
      "item": [
        {
          "@name": "agentId",
          "@value": "XXX"
        },
        {
          "@name": "prcID",
          "@value": "5200"
        },
        {
          "@name": "prcID",
          "@value": "1368"
        }
      ]
    }
  }
}
```

Body Content

Field	Type	Description
-------	------	-------------

name	string	Specify Agent ID, Process ID Allowed values: "agentId", "prcID"
value-agentid	string	value of Agent ID
value-prcID	string	value of Process ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

SWMonitorMgmt - ResetProcess

1.0.0 ▾

Restart the specific process.

POST

/SWMonitorMgmt/resetProcess

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "proc": {
      "item": [
        {
```



```
        "@name": "agentId",
        "@value": "XXX"
      },
      {
        "@name": "prcID",
        "@value": "5200"
      },
      {
        "@name": "prcID",
        "@value": "1368"
      }
    ]
  }
}
```

Body Content

Field	Type	Description
name	string	Specify Agent ID, Process ID Allowed values: <code>"agentId"</code> , <code>"prcID"</code>
value-agentid	string	value of Agent ID
value-prcID	string	value of Process ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

ServerMgmt

ServerMgmt - DelDeviceData

1.0.0 ▾

Delete device data before given datetime. The datetime format is “yyyy-MM-dd”.

DELETE

```
/ServerMgmt/delDeviceData/<time>
```

URL Parameter

Field	Type	Description
time	string	Datetime

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

ServerMgmt - GetHeartBeatRate

1.0.0 ▼

Retrieve the system heartbeat rate.

GET

/ServerMgmt/getHeartBeatRate

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "heartBeatRate" : 60
  }
}
```

ServerMgmt - GetHistSystem

1.0.0 ▼

Get history system data, for example CPU, memory, hardisk, and device/account/group/map usage.

POST

/ServerMgmt/getHistSystem

Request Example(json)

[Request Example\(xml\)](#)

```
{
```

```
"request":{
  "beginTs":"2016-04-28 12:52:1:000",
  "endTs":"2017-04-28 12:55:1:000",
  "amount":"100"
}
```

Body Content

Field	Type	Description
beginTs	string	Time of Begin
endTs	string	Time of End
amount optional	number	Amount of Result

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result":{
    "count":1,
    "itemList":[
      {
        "systemInfo":{
          "memory":{
            "usedMemory":8076681216,
            "totalMemory":12751773696,
            "usage":0.6333770821649312,
            "freeMemory":4675092480
          },
          "hardisk":{
            "item":[
```

```
{
  "driveLetter": "C:\\",
  "usedSpace": 107655737344,
  "freeSpace": 107379691520,
  "usage": 0.5006418612631842,
  "totalSpace": 215035428864,
  "isSrvInstall": false
},
{
  "driveLetter": "D:\\",
  "usedSpace": 130014973952,
  "freeSpace": 654561587200,
  "usage": 0.16571355861191925,
  "totalSpace": 784576561152,
  "isSrvInstall": true
},
{
  "driveLetter": "E:\\",
  "usedSpace": 0,
  "freeSpace": 0,
  "usage": 0,
  "totalSpace": 0,
  "isSrvInstall": false
},
{
  "driveLetter": "Y:\\",
  "usedSpace": 194159931392,
  "freeSpace": 305944756224,
  "usage": 0.3882385752422373,
  "totalSpace": 500104687616,
  "isSrvInstall": false
},
{
  "driveLetter": "Z:\\",
```

```
        "usedSpace":109081698304,  
        "freeSpace":100633497600,  
        "usage":0.520142080471525,  
        "totalSpace":209715195904,  
        "isSrvInstall":false  
    }  
]  
},  
"cpu":{  
    "numCore":8,  
    "cpuLoading":-100  
}  
},  
"RMMInfo":{  
    "map":{  
        "limit":1000,  
        "totalMaps":4  
    },  
    "device":{  
        "limit":10000,  
        "totalManagedDevs":502  
    },  
    "account":{  
        "limit":1000,  
        "totalAccounts":4  
    },  
    "group":{  
        "limit":1000,  
        "totalGroups":3  
    }  
},  
"ts":"Thu Jun 02 14:40:14 CST 2016"  
}  
]
```

```
}  
}
```

ServerMgmt - GetWebSrvStatus

1.0.0 ▾

Retrieve web-server CPU, memory, disk status.

GET

/ServerMgmt/getWebSrvStatus

Response Example(xml)

```
<result>  
  <harddisk>  
    <item>  
      <isSrvInstall>false</isSrvInstall>  
      <driveLetter>C:\</driveLetter>  
      <totalSpace>215035428864</totalSpace>  
      <freeSpace>125740486656</freeSpace>  
      <usedSpace>89294942208</usedSpace>  
      <usage>0.41525688431776947</usage>  
    </item>  
    <item>  
      <isSrvInstall>true</isSrvInstall>  
      <driveLetter>D:\</driveLetter>  
      <totalSpace>784576561152</totalSpace>  
      <freeSpace>731564855296</freeSpace>  
      <usedSpace>53011705856</usedSpace>
```

```
<usage>0.06756728212497515</usage>
</item>
</hardisk>
<memory>
  <totalMemory>12751773696</totalMemory>
  <freeMemory>6492090368</freeMemory>
  <usedMemory>6259683328</usedMemory>
  <usage>0.49088726613487105</usage>
</memory>
<cpu>
  <cpuLoading>16.184871694328685</cpuLoading>
  <numCore>8</numCore>
</cpu>
</result>
```

ServerMgmt - SetHeartBeatRate

1.0.0 ▾

Set system and all device heartbeat rate, and the unit is second based.

POST

/ServerMgmt/setHeartBeatRate

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "heartbeatrate": 60
  }
}
```



```
}
```

Body Content

Field	Type	Description
heartbeatrate	number	Interval of heartbeat.

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

SettingMgmt

SettingMgmt

1.0.0 ▾

Retrieve specific type of setting configuration of management server.

GET

/SettingMgmt/<type>

URL Parameter

Field	Type	Description
Setting	string	Type

Response Example(xml) [type: syslog]

[Response Example\(xml\) \[type: sms\]](#)

[Response Example\(xml\) \[type: mail\]](#)

[Response Example\(json\) \[type: syslog\]](#)

[Response Example\(json\) \[type: sms\]](#)

[Response Example\(json\) \[type: mail\]](#)

```
<result>
  <syslog>
    <syslog server="127.0.0.1" port="514" enable="false"/>
  </syslog>
</result>
```

SettingMgmt

1.0.0 ▾

Edit specific type of setting of management server.

PUT

/SettingMgmt

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "syslog": {
```

```
"syslog": {
  "@enable": "false",
  "@port": "514",
  "@server": "127.0.0.1"
}
}
```

Body Content

Field	Type	Description
type	string	Type of Setting Allowed values: "event", "syslog", "sms", "mail", "map"

Response Example(json)

Response Example(xml)

```
{
  "result": { "syslog" : true }
}
```

SettingMgmt - GetIPList

1.0.0 ▾

Retrieve IP list of management server.

GET

```
/SettingMgmt/getIPList
```

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "IP": [
      "172.22.12.54:8084",
      "192.168.56.1:8084"
    ]
  }
}
```

SettingMgmt - GetNextSchReport

1.0.0 ▾

Get the date of next schedule report sending.

POST

/SettingMgmt/getNextSchReport

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "interval": "7",
    "time": "8:00"
  }
}
```

Body Content

Field	Type	Description
interval	string	Interval
time	string	Time

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": { "date": "2015-07-06 11:09" }
}
```

ShareMgmt

ShareMgmt

1.0.0 ▼

Delete specific share information by share ID.

DELETE

/ShareMgmt/<primary-key>

URL Paremeter

Field	Type	Description
primary-key	long	Share ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

ShareMgmt

1.0.0 ▾

Retrieve share information that who are shared to login account. The sources account's devices are share to destination account. Hence, the destination account can access these devices.

GET

/ShareMgmt

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": {
      "destaccountid": 10,
      "destaccountname": "Kevin",

```

```
    "destrolename": "admin",
    "sid": 1,
    "srcaccountid": 2,
    "srcaccountname": "admin",
    "srcrolename": "admin"
  },
  "totalsize": 2
}
```

ShareMgmt

1.0.0 ▾

Add share information, the source account's device are shared to destination account.

POST

/ShareMgmt

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": [
      {
        "@name": "srcaccountname",
        "@value": "admin"
      },
      {
        "@name": "destaccountname",
```

```
      "@value": "Kevin"
    }
  ]
}
}
```

Body Content

Field	Type	Description
srcaccountname	string	Name of Source Account
destaccountname	string	Name of Destination Account

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

ShareMgmt - FuzzySearch

1.0.0 ▾

Retrieve share information from condition

POST

/ShareMgmt/fuzzySearch

Request Example(json)

[Request Example\(xml\)](#)


```
{
  "request": {
    "clause": {
      "item": {
        "@name": "accountid",
        "@value": "2"
      }
    },
    "lang": {
      "@value": "en-US"
    },
    "like": {
      "@value": ""
    },
    "orderby": {
      "item": {
        "@name": "srcAcuntName",
        "@value": "ASC"
      }
    },
    "resultfilter": {
      "item": [
        {
          "@name": "page size",
          "@value": "10"
        },
        {
          "@name": "page no",
          "@value": "1"
        }
      ]
    }
  }
}
```

```
}  
}
```

Body Content

Field	Type	Description
lang	string	Translate the result to specific language. Allowed values: <code>"en-US"</code> , <code>"zh-TW"</code> , <code>"zh-CN"</code> , <code>"ja_JP"</code>
clause	list	Each item is "And" operation in SQL query.
like	string	Each value within space is "OR" operation in SQL query.
Orderby	string	Order by which field and in DESCending or ASCending(Field: sid, srcAcuntName, destAcuntName, ts) Allowed values: <code>"DESC"</code> , <code>"ASC"</code>
Resultfilter	string	get the SQL result with specific range by page size and page number, default page size is 20 (Maximum: 100), and number is 1.

Response Example(json)

[Response Example\(xml\)](#)

```
{  
  "request": {  
    "clause": {  
      "item": {  
        "@name": "accountid",  
        "@value": "2"  
      }  
    },  
  },  
}
```

```
"lang": {
  "@value": "en-US"
},
"like": {
  "@value": ""
},
"orderby": {
  "item": {
    "@name": "srcAcuntName",
    "@value": "ASC"
  }
},
"resultfilter": {
  "item": [
    {
      "@name": "page size",
      "@value": "10"
    },
    {
      "@name": "page no",
      "@value": "1"
    }
  ]
}
}
```

ShareMgmt - GetShareAccount

1.0.0 ▾

Retrieve share information that who are shared to login account. The sources account's devices are

share to destination account. Hence, the destination account can access these devices.

GET

/ShareMgmt/getShareAccount

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": {
      "destaccountid": 10,
      "destaccountname": "Kevin",
      "destrolename": "admin",
      "sid": 1,
      "srcaccountid": 2,
      "srcaccountname": "admin",
      "srcrolename": "admin"
    },
    "totalsize": 2
  }
}
```

SubServerMgmt

SubServerMgmt

1.0.0 ▾

Retrieve all sub-server information.

GET

/SubServerMgmt

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "item": {
      "authentication": "KdZ7ouJWV9e7nrzn2Gcgow==",
      "connected": true,
      "description": "Advantech",
      "inout": false,
      "name": "Advantech",
      "serverid": "00007824AF836A8D",
      "serverip": "172.22.12.255",
      "sid": 53
    },
    "totalsize": 1
  }
}
```

SubServerMgmt

1.0.0 ▼

Register current server to parent server, allow any control from parent server.

POST

/SubServerMgmt

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "item": [
      {
        "authentication": "KdZ7ouJWV9e7nrzn2Gcgow==",
        "description": "Advantech",
        "name": "Advantech",
        "serverip": "172.22.12.255"
      }
    ]
  }
}
```

Body Content

Field	Type	Description
serverip	string	Parent Server IP
name	string	Parent Server Name
authentication	string	Authentication

Response Example(json)

[Response Example\(xml\)](#)

```
{
```

```
"result": true
}
```

SubServerMgmt

1.0.0 ▾

Edit specific sub-server information by server ID.

PUT

/SubServerMgmt/<id>

Request Example(json)

[Request Example\(xml\)](#)

```
<request>
{
  "request": {
    "item": [
      {
        "authentication": "KdZ7ouJWV9e7nrzn2Gcgow==",
        "description": "Advantech2",
        "name": "Advantech2",
        "serverip": "172.22.12.255"
      }
    ]
  }
}
```

URL Parameter

Field	Type	Description
id	long	SubServer ID

Body Content

Field	Type	Description
serverip	string	SubServer IP
name	string	SubServer Name
authentication	string	Authentication
description	string	Description

Response Example(json)

Response Example(xml)

```
{
  "result": true
}
```

SubServerMgmt - DelSubServer

1.0.0 ▼

Delete the specific Subserver by Subserver ID.

DELETE

```
/SubServerMgmt/<id>
```


URL Parameter

Field	Type	Description
Primary-key	long	Subserver ID

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

TerminalMgmt

TerminalMgmt

1.0.0 ▼

Set command line to specific device. Before sending the command to device, the unique "cmdid" is required to create for this session at first. After that, the command string can be accepted. Therefore, in this function need send twice. Otherwise, this session will be kept 30 seconds, if no received other command string or without get terminal result (/TerminalMgmt/getTerminalRes) for this session.

POST

/TerminalMgmt

[Request Example\(json\)](#)[Request Example\(xml\)](#)[Request Example\(json\)](#)[Request Example\(xml\)](#)

```
Create unique command id (100) for this session
{
  "request": {
    "item": [
      {
        "@name": "agentid",
        "@value": "0000545345435435"
      },
      {
        "@name": "cmdid",
        "@value": "100"
      }
    ]
  }
}
```

Body Content

Field	Type	Description
agentId	string	Agent ID
cmdid	snumber	Command ID(represent random id for each client.)
cmdstr	string	Command Line String

[Response Example\(json\)](#)[Response Example\(xml\)](#)

```
{
  "result": true
}
```

TerminalMgmt - GetTerminalRes

1.0.0 ▾

Retrieve terminal command result for specific session.

POST

/TerminalMgmt/getTerminalRes

Request Example(json)

[Request Example\(xml\)](#)

Create unique command id (100) for this session

```
{
  "request": {
    "item": [
      {
        "@name": "agentid",
        "@value": "0000545345435435"
      },
      {
        "@name": "cmdid",
        "@value": "100"
      }
    ]
  }
}
```

Body Content

Field	Type	Description
agentId	string	Agent ID
cmdid	number	Command ID(represent random id for each client.)

Response Example(json)

```
{
  "result": "ver\n\t\n\t\tMicrosoft Windows [00 6.1.7601]\n\t\t\n\t\tE:\\CAgent\\Bi
}
```

UpgradeMgmt

UpgradeMgmt - GetOTAPkgInfo

1.0.0 ▾

Get OTA Package.

GET

/UpgradeMgmt/getOTAPkgInfo

```
{
  "result": {
    "pkginfo": [
      {
        "pkgArch": "n/a",
        "pkgName": "AcronisSetup-v1.1.16.201-87e978a3d58c0e308e2759097ee357",
        "pkgOS": "n/a",
        "pkgType": "AcronisSetup",
        "pkgVersion": "1.1.16.201"
      },
      {
        "pkgArch": "n/a",
        "pkgName": "McAfeeSetup-v1.1.14.1120-3d34cf90334e11799922bd91c02030",
        "pkgOS": "n/a",
        "pkgType": "McAfeeSetup",
        "pkgVersion": "1.1.14.1120"
      },
      {
        "pkgArch": "n/a",
        "pkgName": "test-v1.1.1.1-2e5532e1860af5f9d25c33c784da2069.zip",
        "pkgOS": "n/a",
        "pkgType": "test",
        "pkgVersion": "1.1.1.1"
      }
    ]
  }
}
```

UpgradeMgmt - GetOTAPkgInfoBydid

1.0.0 ▾

Get OTA upgrade message for specific device. (Note: Agent upgrade package, Acronis/McAfee installer will be filtered.)

POST

/UpgradeMgmt/getOTAPkgInfoBydid

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "deviceid": "0000000BAB986231"
  }
}
```

Body Content

Field	Type	Description
deviceid	string	Device id

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "pkginfo": [
      {
        "pkgArch": "n/a",
        "pkgName": "AcronisSetup-v1.1.16.201-87e978a3d58c0e308e2759097ee35"
```

```
        "pkgOS": "n/a",
        "pkgType": "AcronisSetup",
        "pkgVersion": "1.1.16.201"
    },
    {
        "pkgArch": "n/a",
        "pkgName": "McAfeeSetup-v1.1.14.1120-3d34cf90334e11799922bd91c02030",
        "pkgOS": "n/a",
        "pkgType": "McAfeeSetup",
        "pkgVersion": "1.1.14.1120"
    }
]
}
```

UpgradeMgmt - GetOTAUploadMsg

1.0.0 ▾

Get OTA server upload message for specific pkgname.

POST

/UpgradeMgmt/getOTAUploadMsg

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "packagename": "test-v1.1.1.1-2e5532e1860af5f9d25c33c784da2069.zip"
  }
}
```

```
}
```

Body Content

Field	Type	Description
packagename	string	Package name
resultCode	int	Upload package success or failed (0:SUCCESS; 1:Failed, -1: Get callback message not yet)
statusCode	int	Upload package status (4:UPLOAD_START, 5:UPLOADING, 6:UPLOAD_END, -1: Get callback message not yet)
description	string	Upload package description

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "resultCode": 0,
    "description": "test-v1.1.1.1-24a9e79d580f814388631c1408b3ee5e.zip Uploading",
    "statusCode": 5
  }
}
```

UpgradeMgmt - GetRemoveMsg

1.0.0 ▾

Get OTA remove message for specific device.

POST

/UpgradeMgmt/getRemoveMsg

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "packagename": "test-v1.1.1.1-24a9e79d580f814388631c1408b3ee5e.zip"
  }
}
```

Body Content

Field	Type	Description
packagename	string	Package name
resultCode	int	Delete package success or failed (0:SUCCESS; 1:Failed, -1: Get callback message not yet)
statusCode	string	Delete package status (7:DELETE_START, 8:DELETE_END, -1: Get callback message not yet)
description	string	Delete package description

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "resultCode": 0,
```

```
"description": "test-v1.1.1.1-24a9e79d580f814388631c1408b3ee5e.zip Delete file"
"statusCode": 8
}
}
```

UpgradeMgmt - GetUpgradeMsg

1.0.0 ▾

Get OTA upgrade message for specific device.

POST

/UpgradeMgmt/getUpgradeMsg

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "packagename": "test-v1.1.1.1-2e5532e1860af5f9d25c33c784da2069.zip",
    "deviceid": "0000000BAB986231"
  }
}
```

Body Content

Field	Type	Description
deviceid	string	Device id
pkgname	string	Package name

resultCode	int	Upgrade package success or failed (0:SUCCESS; 1:Failed, -1: Get callback message not yet)
statusCode	int	Deploy package status (17:DEPLOY_END, 15:DEPLOY_START, 16:DEPLOYING, 12:DOWNLOADING, -1: Get callback message not yet)
description	string	Upgrade package description

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "resultCode": 0,
    "description": "0000000BAB986231-test-v1.1.1.1-24a9e79d580f814388631c1408b3e",
    "statusCode": 17
  }
}
```

UpgradeMgmt - GetUploadingPkgName

1.0.0 ▾

Get OTA Uploading Package.

GET

```
/UpgradeMgmt/getUploadingPkgName
```

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": {
    "uploadingPkg": [
      "test-v1.1.1.1-24a9e79d580f814388631c1408b3ee5e.zip"
    ]
  }
}
```

UpgradeMgmt - RemoveOTAPkg

1.0.0 ▾

Remove OTA package.

POST

/UpgradeMgmt/removeOTAPkg

Request Example(json)

Request Example(xml)

```
{
  "request": {
    "packagename": "test-v1.1.1.1-2e5532e1860af5f9d25c33c784da2069.zip",
  }
}
```

Body Content

Field	Type	Description
packagename	string	Package name

Response Example(json)

[Response Example\(xml\)](#)

```
{
  "result": true
}
```

UpgradeMgmt - Upgrade_ota

1.0.0 ▾

Upgrade package to device.

POST

/UpgradeMgmt/upgrade_ota

Request Example(json)

[Request Example\(xml\)](#)

```
{
  "request": {
    "packagename": "McAfeePac-v3.1.1.1-0912847dc251060dce02197b73b68069.zip",
    "item": [
      {
        "deviceid": "0000000BAB986231"
      },
      {
        "deviceid": "0000000123456789"
      }
    ]
  }
}
```

```
}  
}
```

Body Content

Field	Type	Description
deviceid	string	Device id
packagename	string	Package name

Response Example(json)

[Response Example\(xml\)](#)

```
{  
  "result": true  
}
```

UpgradeMgmt - Upload_ota

1.0.0 ▼

Upload a OTA package to OTA server. (API-Doc can not support upload function, so the api have no button for testing.)

POST

/UpgradeMgmt/upload_ota

Request Example

```
POST /UpgradeMgmt/upload_ota HTTP/1.1
Content-Type: multipart/form-data; boundary=----WebKitFormBoundary4aRpIHKK2i3biGoC

//Omit partial haeaders here

-----WebKitFormBoundary4aRpIHKK2i3biGoC
Content-Disposition: form-data; name="frmUpdateSetting_UploadFileFullName" *
OTADemo-v1.1.1.1-a1a2f52e2ff34487af7149a557cedd6f.zip
-----WebKitFormBoundary4aRpIHKK2i3biGoC
Content-Disposition: form-data; name="frmUpdateSetting_Content" *
<request Authorization="Basic YWRtaW46YWRtaW4="></request>
-----WebKitFormBoundary4aRpIHKK2i3biGoC
Content-Disposition: form-data; name="frmUpdateSetting_FileInput"; filename="OTADemo-v1.1.1.1-a1a2f52e2ff34487af7149a557cedd6f.zip"
Content-Type: application/x-zip-compressed

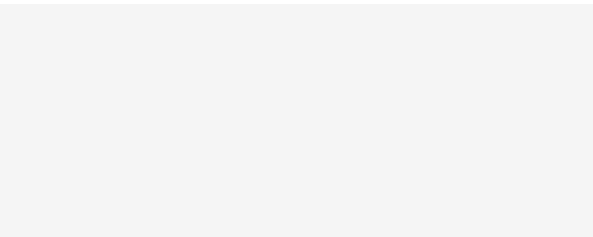
-----WebKitFormBoundary4aRpIHKK2i3biGoC--
```

Body Content

Field	Type	Description
frmUpdateSetting_UploadFileFullName	string	OTA package full name
frmUpdateSetting_Content	string	Base64 encode of string (userName:pwd)
frmUpdateSetting_FileInput	string	Selected input file name

Response Example

```
<result>upload package: tmp\ota_path\OTADemo-v1.1.1.1-a1a2f52e2ff34487af7149a557cedd6f.zip
```



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