RPS API

Overview

Version information

Version : v2.2 (Build .27914)

URI scheme

Host : <Host Name>:9000
Schemes : HTTPS

Security oauth2

OAuth2 Password Grant

Type : oauth2
Flow : password
Token URL : https://<Host Name>:9000/rpsapi/token

Name	Description
read	Read access to protected resources

Paths

Get current protocol version

```
GET /rpsapi/apiVersion
```

Responses

HTTP Code	Description	Schema
200	OK	VersionResponse Model

Produces

- application/json

- text/json

Tags

- Versions

Get services versions. ex: RPS, DB, API versions, etc.

```
GET /rpsapi/services
```

Responses

HTTP Code	Description	Schema
200	OK	EnvironmentResponseModel

Produces

- application/json
- text/json

Tags

- Versions

Get activities log from RPS

```
GET /rpsapi/v2/activities
```

Parameters

Type	Name	Description	Schema
Query	**currentPage** *optional*	Page	integer (int32)
Query	**endDate** *optional*	EndDate	string (date-time)
Type	**Name**	**Description**	**Schema**
Query	**operatorUser** *optional*	Operator	string
Query	**pageSize** *optional*	PageSize	integer (int32)

Query	**panelGUID** *optional*	PanelGUID		string
Query	**panelName** *optional*	PanelName		string
Query	**startDate** *optional*	StartDate		string (date-time)

Responses

HTTP Code	Description		Schema
200	OK		ActivityResponse Model

Produces

- application/json
- text/json

Tags

- Activities

Security

Type	Name
oauth2	**oauth2**

Get all panel's connectivity

```
GET /rpsapi/v2/connectionTypes
```

Responses

HTTP Code	Description		Schema
200	OK		ConnectivitiesGet ResponseModel

Produces

- application/json
- text/json

Tags

- ConnectionTypes

Security

Type	Name
oauth2	oauth2

Setup panel's connectivity

PUT /rpsapi/v2/connectionTypes

Parameters

Type	Name	Description	Schema
Body	**connectivities** *required*	Connectivity Model	< Connectivity > array

Responses

HTTP Code	Description	Schema
200	OK	MessageInfoMode l

Consumes

- application/json
- text/json
- application/x-www-form-urlencoded

Produces

- application/json
- text/json

Tags

- ConnectionTypes

Security

Type	Name
oauth2	oauth2

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Get preferred connection order

```
GET /rpsapi/v2/connectionTypes/priorities
```

Responses

HTTP Code	Description	Schema
200	OK	ConnectivityDefaultGetResponseModel

Produces

- application/json
- text/json

Tags

- ConnectionTypes **Security**

Type	Name
oauth2	**oauth2**

Setup preferred connection order

```
PUT /rpsapi/v2/connectionTypes/priorities
```

Parameters

Type	Name	Description	Schema
Body	**connectionDefault** *required*	Preferred connection order model	ConnectionDefault

Responses

HTTP Code	Description	Schema
200	OK	MessageInfoMode l

Consumes

- application/json
- text/json

- application/x-www-form-urlencoded

Produces

- application/json
- text/json

Tags

- ConnectionTypes

Security

Type	Name
oauth2	oauth2

Get all VPN settings

```
GET  /rpsapi/v2/connectionTypes/vpn
```

Responses

HTTP Code	Description	Schema
200	OK	VPNsGetResponse Model

Produces

- application/json
- text/json

Tags

- ConnectionTypes

Security

Type	Name
oauth2	oauth2

Get specific VPN settings

```
GET  /rpsapi/v2/connectionTypes/vpn/{name}
```

Parameters

Type	Name	Description	Schema
Path	**name** *required*	VPN GUID or Name	string

Responses

HTTP Code	Description	Schema
200	OK	VPNGetResponse Model

Produces

- application/json
- text/json

Tags

- ConnectionTypes

Security

Type	Name
oauth2	**oauth2**

Get all operator information

```
GET /rpsapi/v2/operators
```

Responses

HTTP Code	Description	Schema
200	OK	OperatorsGetResponseModel

Produces

- application/json
- text/json

Tags

- Operators

Security

Type	Name
oauth2	**oauth2**

Get specific operator by name

GET /rpsapi/v2/operators/{name}

Parameters

Type	Name	Description	Schema
Path	**name** *required*	User Name	string

Responses

HTTP Code	Description	Schema
200	OK	OperatorGetResponseModel

Produces

- application/json
- text/json

Tags

- Operators

Security

Type	Name
oauth2	**oauth2**

Get all panel information

GET /rpsapi/v2/panels

Parameters

Type	Name	Description	Schema
Query	**account** *optional*	"start, end" Ex: 0001,1000	string

Type	Name	Description	Schema
Query	**address** *optional*		string

Type	Name	Description	Schema
Query	**city** *optional*		string
Query	**contact** *optional*		string
Query	**createDate** *optional*	"start date, end date" Ex: 2017-05-01,2018-05-01	string
Query	**currentPage** *optional*		integer (int32)
Query	**description** *optional*		string
Query	**destinationPath1** *optional*		string
Query	**guid** *optional*		string
Query	**isRemoteUser Supported** *optional*		boolean
Query	**lastCommunication** *optional*	"start date, end date" Ex: 2017-05-01,2018-05-01	string
Query	**lastModified** *optional*	"start date, end date" Ex: 2017-05-01,2018-05-01	string
Query	**lastReceive** *optional*	"start date, end date" Ex: 2017-05-01,2018-05-01	string

Query	**lastSend** *optional*	"start date, end date" Ex: 2017-05-01,2018-05-01		string
Query	**pageSize** *optional*			integer (int32)

Type	Name	Description	Schema
Query	**panelName** *optional*		string
Query	**panelType** *optional*		string
Query	**romRevision** *optional*		string
Query	**state** *optional*		string
Query	**voicePhone** *optional*		string
Query	**zipCode** *optional*		string

Responses

HTTP Code	Description	Schema
200	OK	PanelsGetResponseModel

Produces

- application/json
- text/json

Tags

- Panels

Security

Type	Name

oauth2	oauth2

Get specific panel information

```
GET /rpsapi/v2/panels/{guid}
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	GUID of the panel	string

Responses

HTTP Code	Description	Schema
200	OK	PanelGetResponse Model

Produces

- application/json
- text/json

Tags

- Panels

Security

Type	Name
oauth2	oauth2

Get all area from the control panel

```
GET /rpsapi/v2/panels/{guid}/areas
```

Parameters

Type	Name	Schema
Path	**guid** *required*	string
Type	**Name**	**Schema**

Query	**currentPage** *optional*	integer (int32)
Query	**pageSize** *optional*	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	AreasV2Response Model

Produces

- application/json
- text/json

Tags

- Areas

Security

Type	Name
oauth2	**oauth2**

Get specific area from the control panel

    GET /rpsapi/v2/panels/{guid}/areas/{areaID}

Parameters

Type	Name	Description	Schema
Path	**areaID** *required*	Area Index	integer (int32)
Path	**guid** *required*	GUID of the panel	string

Responses

HTTP Code	Description	Schema

| 200 | OK | | AreaV2ResponseModel |

Produces

- application/json
- text/json

Tags

- Areas

Security

Type	Name
oauth2	oauth2

Get specific area's all point from control panel

```
GET /rpsapi/v2/panels/{guid}/areas/{area_id}/points
```

Parameters

Type	Name	Description	Schema
Path	**area_id** *required*	Area Index	integer (int32)
Path	**guid** *required*	GUID of the panel	string

Responses

HTTP Code	Description	Schema
200	OK	PointsGetResponseModel

Produces

- application/json
- text/json

Tags

- Points

Security

Type	Name
oauth2	oauth2

Get all authority levels name

```
GET /rpsapi/v2/panels/{guid}/authorityLevels
```

Parameters

Type	Name	Schema
Path	**guid** *required*	string

Responses

HTTP Code	Description	Schema
200	OK	AuthorityLevelsResponseModel

Produces

- application/json
- text/json

Tags

- AuthorityLevel **Security**

Type	Name
oauth2	oauth2

Get automation device setting

```
GET /rpsapi/v2/panels/{guid}/automation
```

Parameters

Type	Name	Description	Schema

Path	guid *required*	Panel Id	string

Responses

HTTP Code	Description	Schema
200	OK	PanelAutomation

Produces

- application/json
- text/json

Tags

- Automation

Security

Type	Name
oauth2	**oauth2**

Setup automation device

PUT /rpsapi/v2/panels/{guid}/automation

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	Panel Id	string
Query	**update** *optional*	Update type, it could setup for update panel or database priority.	enum (UpdateDBOnly, UpdateDBFirst, UpdatePanelFirst)

| Body | model
required | Auotmation device/password model. Allowed values for panel models: GV3 - Not supported. GV4 v1.00 panel - Automation Device: None / SDIAddr80Mode1 / B42xSDI2Addr1Mode1 / B42xSDI2Addr2Mode1 GV4 v2.00 panel - • Automation Device: None / SDIAddr80Mode1 / B42xSDI2Addr1Mode1 / B42xSDI2Addr2Mode1 / Mode2 US1A - Automation Device: None / OnboardConnectionMode1 / B42xSDIAddr1Mode1/ B42xSDI2Addr2Mode1 / Mode 2/ OnboardTLSConnectionMode1 US1B - Automation Device: None / OnboardConnectionMode1 / B42xSDIAddr1Mode1/ Mode 2/ OnboardTLSConnectionMode1 Please refer to RPS help to the detial. | AutomationInfoModel |

Responses

HTTP Code	Description	Schema
200	OK	AutomationInfoModel

Consumes

- application/json
- text/json
- application/x-www-form-urlencoded

Produces

- application/json
- text/json

Tags

- Automation

Security

Type	Name
oauth2	**oauth2**

Get specific panel's capabilities

```
GET /rpsapi/v2/panels/{guid}/capabilities
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	GUID of the panel	string

Responses

HTTP Code	Description	Schema
200	OK	PanelCapabilityGetResponseModel

Produces

- application/json

- text/json

Tags

- Panels

Security

Type	Name
oauth2	**oauth2**

Get Card Type

```
GET /rpsapi/v2/panels/{guid}/cardType
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	panel guid	string

Responses

HTTP Code	Description	Schema
200	OK	CardTypeResponseModel

Produces

- application/json

- text/json

Tags

- Panels

Security

Type	Name
oauth2	**oauth2**

Get panel cellular setting

```
GET /rpsapi/v2/panels/{guid}/cellular
```

Parameters

Type	Name	Schema
Path	**guid** *required*	string

Responses

HTTP Code	Description	Schema
200	OK	object

Produces

- application/json
- text/json

Tags

- Panels

Security

Type	Name
oauth2	**oauth2**

Change cellular setting

```
PUT /rpsapi/v2/panels/{guid}/cellular
```

Parameters

Type	Name	Schema
Path	**guid** *required*	string
Body	**cellular** *required*	CellularInfoModel

Responses

HTTP Code	Description	Schema
200	OK	object

Consumes

- application/json
- text/json
- application/x-www-form-urlencoded

Produces

- application/json
- text/json

Tags

- Panels

Security

Type	Name
oauth2	**oauth2**

Get panel Cloud ID setting

    GET /rpsapi/v2/panels/{guid}/cloud

Parameters

Type	Name	Schema
Path	**guid** *required*	string

Responses

HTTP Code	Description	Schema
200	OK	object

Produces

- application/json
- text/json

Tags

- Panels

Security

Type	Name
oauth2	**oauth2**

Change Cloud ID

```
PUT /rpsapi/v2/panels/{guid}/cloud
```

Parameters

Type	Name	Schema
Path	**guid** *required*	string
Body	**cloud** *required*	CloudInfoModel

Responses

HTTP Code	Description	Schema
200	OK	object

Consumes

- application/json
- text/json
- application/x-www-form-urlencoded

Produces

- application/json
- text/json

Tags

- Panels

Security

Type	Name
oauth2	**oauth2**

Get specific panel's connectivity

```
GET /rpsapi/v2/panels/{guid}/connectionTypes
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	Panel GUID	string

Responses

HTTP Code	Description	Schema
200	OK	ConnectivityGetResponseModel

Produces

- application/json
- text/json

Tags

- Panels

Security

Type	Name
oauth2	**oauth2**

Set connectivity of specific panel.

```
PUT /rpsapi/v2/panels/{guid}/connectionTypes
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	Panel GUID	string
Body	**connectivity** *required*	Connectivity Setting	Connectivity

Responses

HTTP Code	Description	Schema
200	OK	MessageInfoMode l

Consumes

- application/json

- text/json

- application/x-www-form-urlencoded

Produces

- application/json

- text/json

Tags

- Panels

Security

Type	Name
oauth2	**oauth2**

Remove connectivity from specific panel and use default connectivity priority.

DELETE /rpsapi/v2/panels/{guid}/connectionTypes

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	panel guid	string

Responses

HTTP Code	Description	Schema
200	OK	MessageInfoMode l

Produces

- application/json

- text/json

Tags

- Panels

Security

Type	Name

oauth2	oauth2

Get panel IP setting

```
GET /rpsapi/v2/panels/{guid}/ip
```

Parameters

Type	Name	Schema
Path	**guid** *required*	string

Responses

HTTP Code	Description	Schema
200	OK	object

Produces

- application/json
- text/json

Tags

- Panels

Security

Type	Name
oauth2	oauth2

Change IP setting

```
PUT /rpsapi/v2/panels/{guid}/ip
```

Parameters

Type	Name	Schema
Path	**guid** *required*	string

Body	**ip** *required*	PanelIPModel

Responses

HTTP Code	Description	Schema
200	OK	object

Consumes

- application/json

- text/json

- application/x-www-form-urlencoded

Produces

- application/json

- text/json

Tags

- Panels

Security

Type	Name
oauth2	**oauth2**

Get panel langugage setting

```
GET /rpsapi/v2/panels/{guid}/languages
```

Parameters

Type	Name	Schema
Path	**guid** *required*	string

Responses

HTTP Code	Description	Schema

200	OK		LanguageSettingResponseModel

Produces

- application/json
- text/json

Tags

- Languages

Security

Type	Name
oauth2	oauth2

Get panel supported languages

```
GET /rpsapi/v2/panels/{guid}/languages/options
```

Parameters

Type	Name	Schema
Path	**guid** *required*	string

Responses

HTTP Code	Description	Schema
200	OK	LanguageSupportedResponseModel

Produces

- application/json
- text/json

Tags

- Languages

Security

Type	Name
oauth2	oauth2

Get all point profile from the control panel

```
GET /rpsapi/v2/panels/{guid}/pointProfiles
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	GUID of the panel	string

Query	currentPage _optional_		integer (int32)
Query	pageSize _optional_		integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	PointProfilesGetResponseModel

Produces

- application/json
- text/json

Tags

- PointProfiles

Security

Type	Name
oauth2	oauth2

Get specific point profile from control panel

```
GET /rpsapi/v2/panels/{guid}/pointProfiles/{profileIndex}
```

Parameters

Type	Name	Description	Schema
Path	**guid** _required_	GUID of the panel	string
Path	**profileIndex** _required_	Point Profile Index	integer (int32)

Responses

HTTP Code	Description	Schema

200	OK		PointProfileGetRes ponseModel

Produces

- application/json
- text/json

Tags

- PointProfiles

Security

Type	Name
oauth2	**oauth2**

Get All points

```
GET /rpsapi/v2/panels/{guid}/points
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	panel guid	string
Query	**currentPage** *optional*		integer (int32)

Type	Name	Description	Schema
Query	**pageSize** *optional*		integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	PointsGetRespons eModel

Produces

- application/json

- text/json

Tags

- Points

Security

Type	Name
oauth2	oauth2

Get specific point from control panel

```
GET /rpsapi/v2/panels/{guid}/points/{point_id}
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	GUID of the panel	string
Path	**point_id** *required*	Point Index	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	PointGetResponse Model

Produces

- application/json
- text/json

Tags

- Points

Security

Type	Name
oauth2	oauth2

Get all user groups name

```
GET /rpsapi/v2/panels/{guid}/userGroups
```

Parameters

Type	Name	Schema
Path	**guid** *required*	string

Responses

HTTP Code	Description	Schema
200	OK	UserGroupResponseModel

Produces

- application/json
- text/json

Tags

- UserGroups

Security

Type	Name
oauth2	oauth2

Get all user from control panel

```
GET /rpsapi/v2/panels/{guid}/users
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	GUID of the panel	string
Query	**completedInfo** *optional*		boolean

Query	currentPage *optional*		integer (int32)
Query	onlyCount *optional*		boolean
Query	pageSize *optional*		integer (int32)

Responses

HTTP Code	Description	Schema
200	Completed Information	UsersGetResponse Model

Produces

- application/json
- text/json

Tags

- Users

Security

Type	Name
oauth2	oauth2

Update user's attribute to the control panel. This will ignore some attributes of User 0, please refer to application note for detail.

```
PUT /rpsapi/v2/panels/{guid}/users
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	GUID of the panel	string

Query	update _optional_	Please refer to operation mode definition	enum (UpdateDBOnly, UpdateDBFirst, UpdatePanelFirst)
Body	panelUsers _required_	Update User Model	UpdateUserModel

Responses

HTTP Code	Description	Schema
200	OK	UsersPutResponseModel

Consumes

- application/json
- text/json
- application/x-www-form-urlencoded

Produces

- application/json
- text/json

Tags

- Users

Security

Type	Name
oauth2	oauth2

Delete user from control panel.

```
DELETE /rpsapi/v2/panels/{guid}/users
```

Parameters

Type	Name	Description	Schema
Path	guid _required_	GUID of the panel	string

Query	**update** *optional*	Update database	enum (UpdateDBOnly, UpdateDBFirst, UpdatePanelFirst)
Body	**panelUsers** *required*	Delete User Model	DeleteUserModel

Responses

HTTP Code	Description	Schema
200	OK	UsersPutResponseModel

Consumes

- application/json
- text/json
- application/x-www-form-urlencoded

Produces

- application/json
- text/json

Tags

- Users

Security

Type	Name
oauth2	oauth2

Reset all users to default

```
DELETE /rpsapi/v2/panels/{guid}/users/all
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	GUID of the panel	string

Query	**update** *optional*	please refer to operation mode	enum (UpdateDBOnly, UpdateDBFirst, UpdatePanelFirst)
Body	**defaultUser** *required*	set task priority	DefaultUserModel

Responses

HTTP Code	Description	Schema
200	OK	UsersPutResponseModel

Consumes

- application/json
- text/json
- application/x-www-form-urlencoded

Produces

- application/json
- text/json

Tags

- Users

Security

Type	Name
oauth2	oauth2

Get specific user from control panel

```
GET /rpsapi/v2/panels/{guid}/users/{user_id}
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	GUID of the panel	string

Path	**user_id** *required*	User Index	integer (int32)

Responses

HTTP Code	Description	Schema
200	OK	UserGetResponse Model

Produces

- application/json

- text/json

Tags

- Users

Security

Type	Name
oauth2	**oauth2**

Get all task status in scheulder

```
GET /rpsapi/v2/scheduledTasks
```

Parameters

Type	Name	Schema
Query	**actionType** *optional*	enum (PENDING, UPDATING, RETRYING, CANCELLING, CANCELLED, FAILED, SUCCEED, SUBSCRIBE, UNSUBSCRIBE, COMPLETED)
Query	**currentPage** *optional*	integer (int32)
Query	**pageSize** *optional*	integer (int32)

Query	**panelGuid** *optional*	string

Responses

HTTP Code	Description	Schema
200	OK	TasksGetResponse Model

Produces

- application/json
- text/json

Tags

- ScheduledTasks

Security

Type	Name
oauth2	**oauth2**

Get specific task status in scheulder

```
GET /rpsapi/v2/scheduledTasks/{guid}
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	Task ID	string

Responses

HTTP Code	Description	Schema
200	OK	TaskGetResponse Model

Produces

- application/json
- text/json

Tags

- ScheduledTasks

Security

Type	Name
oauth2	oauth2

Retry or Cancel a task from scheulder

```
PUT /rpsapi/v2/scheduledTasks/{guid}
```

Parameters

Type	Name	Description	Schema
Path	**guid** *required*	Task ID	string
Body	**taskUpdate** *required*	Retry or Cancel	RPSTaskUpdate

Responses

HTTP Code	Description	Schema
200	OK	TaskPutResponse Model

Consumes

- application/json
- text/json
- application/x-www-form-urlencoded

Produces

- application/json
- text/json

Tags

- ScheduledTasks

Security

Type	Name

oauth2	oauth2

Get all subscribe callback url

```
GET /rpsapi/v2/subscriptions
```

Responses

HTTP Code	Description	Schema
200	OK	SubscribeGetResponseModel

Produces

- application/json
- text/json

Tags

- Subscriptions

Security

Type	Name
oauth2	**oauth2**

Subscribe a callback url

```
PUT /rpsapi/v2/subscriptions
```

Parameters

Type	Name	Description	Schema
Body	**subscriberInfo** *required*	Subscription Model	SubscriberInfo

Responses

HTTP Code	Description	Schema
200	OK	SubscribePutResponseModel

Consumes

- application/json
- text/json
- application/x-www-form-urlencoded

Produces

- application/json
- text/json

Tags

- Subscriptions

Security

Type	Name
oauth2	oauth2

Unsubscribe a callback url

DELETE /rpsapi/v2/subscriptions

Parameters

Type	Name	Description	Schema
Query	callbackUri *required*	callback url	string

Responses

HTTP Code	Description	Schema
200	OK	SubscribePutResponseModel

Produces

- application/json
- text/json

Tags

- Subscriptions

Security

Type	Name
oauth2	oauth2

Definitions

ActivityResponseModel

Response Model Example for Activities API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Activity Model	ISTS,< ActivityResult > PASSCODE_NOT_MAarray TCH,

SERVICE_STOPPED,

ActivityResult

SERVICE_BUSY,UNKNOWN_ERROR)

Name	Schema
accountNum *optional*	string
activityGUID *optional*	string
category *optional*	string
createDate *optional*	string (date-time)
details *optional*	string
operatorUser *optional*	string
panelGUID *optional*	string
panelName *optional*	string
panelType *optional*	string

AreaV2ResponseModel

Response model example for Area v2 API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Area Response Model	ISTS, RPSAreaDetail PASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

AreasV2ResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Response Model Example for Areas v2 API

Name	Description	Schema

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Area Response Model	ISTS,< RPSAreaDetail > PASSCODE_NOT_MAarray TCH,

SERVICE_STOPPED,

AuthorityLevelsResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Authority level response model

Name	Description	Schema

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Area Response Model	ISTS,< RPSAuthorityLevel PASSCODE_NOT_MA> array TCH,

SERVICE_STOPPED,

AutomationInfoModel

SERVICE_BUSY,UNKNOWN_ERROR)

Resource model for setup automation device on panel

Name	Description	Schema
automation *optional*		PanelAutomation
priority *optional*	Task action	enum (HIGH, NORMAL)

CardTypeResponseModel

Card type response model

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Card Type Response Model	ISTS, PanelWideCardTypePASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

CellularInfoModel

SERVICE_BUSY,UNKNOWN_ERROR)

Cellular Information

Name	Schema
CellNumber *optional*	string
UseVPN *optional*	boolean
description *optional*	string
ip *optional*	PanelIPModel
meid *optional*	string

CloudInfoModel

Cloud information

Name	Schema
cloudId *optional*	string

ConnectionDefault

Preferred connection order

Name	Description	Schema
firstConnectio n *optional*	First Default Connection	enum (IP, CELLULAR, CLOUD)
secondConnec tion *optional*	Second Default Connection	enum (IP, CELLULAR, CLOUD)
thirdConnecti on *optional*	Third Default Connection	enum (IP, CELLULAR, CLOUD)

ConnectivitiesGetResponseModel

Response Model Example for Connectivity API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Connectivity Response Model	ISTS,< ConnectivityExt > PASSCODE_NOT_MAarray TCH,

SERVICE_STOPPED,

Connectivity

SERVICE_BUSY,UNKNOWN_ERROR)

Panel's connectivity

Name	Description	Schema
guid *optional*	Panel GUID	string
type *optional*	Panel ConnectType	enum (IP, CELLULAR, CLOUD)
vpn *optional*	VPN Entry Name	VPNModel

ConnectivityDefaultGetResponseModel

Response Model Example for Connectivity/Default API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

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Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Connectivity Default Response Model	ISTS, ConnectionDefaultPASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

ConnectivityExt

SERVICE_BUSY,UNKNOWN_ERROR)

Panel's connectivity for Query

Name	Description	Schema
guid *optional*	Panel GUID	string
name *optional*	Panel Name	string
type *optional*	Panel ConnectType	enum (IP, CELLULAR, CLOUD)
vpn *optional*	VPN Entry Name	VPNModel

ConnectivityGetResponseModel

Response Model Example for Connectivity API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Connectivity Response Model	ISTS, ConnectivityExtPASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

DefaultUserModel

SERVICE_BUSY,UNKNOWN_ERROR)

DefaultUserModel

Name	Description	Schema
priority *optional*	Task action	enum (HIGH, NORMAL)
resetDefault *optional*	Action types, delete all or reset to default	enum (ResetDefault, DeleteAll, DeleteAllKeepInstall er, ResetDefaultKeepIns taller)

DeleteUserModel

Panel User delete resource model

Name	Description	Schema
panelUserList *optional*		< PanelUserBasicMode l > array
priority *optional*	Task action	enum (HIGH, NORMAL)

EnvironmentResponseModel

Response Model Example for Versions API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description		Schema
returnMessage *optional*			STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	EnvironmentResponseModel Model		ISTS, [EnvironmentVersion](#)PASSCODE_NOT_MATCH,

SERVICE_STOPPED,

EnvironmentVersion

SERVICE_BUSY,UNKNOWN_ERROR)

RPS, DB, Protocol, API version

Name	Schema
apiVersion *optional*	[VersionInfo](#)
componentsVersion *optional*	< [ModuleVersion](#) > array
dbVersion *optional*	string
rpsVersion *optional*	string

HeaderInfo

Callback header info

Name	Schema
key *optional*	string
value *optional*	string

LanguageSettingResponseModel

Language Setting Response Model

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Language Setting Response Model	ISTS, [RPSLanguage](#)PASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

LanguageSupportedResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Language supported response model

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Language Supported Response Model	ISTS, RPSSupportedLangPASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

MessageInfoModel

SERVICE_BUSY,UNKNOWN_ERROR)

Error Information

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Language Supported Response Model	

Name	Description	Schema

| returnCode
optional | | enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI |

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Error Description	ISTS, object PASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

ModuleVersion

SERVICE_BUSY,UNKNOWN_ERROR)

Compoment, Module, Library version Model

Name	Schema
name *optional*	string
version *optional*	string

OperatorDTO

Name	Schema
active *optional*	boolean
address *optional*	string
authorityLevel *optional*	integer (int32)
city *optional*	string
createDate *optional*	string (date-time)

defaultPanelViewerID *optional*	integer (int32)
description *optional*	string

Name	Schema
guid *optional*	string
hideIntroPages *optional*	boolean
langID *optional*	integer (int32)
lastModified *optional*	string (date-time)
name *optional*	string
notes *optional*	string
password *optional*	string
phone *optional*	string
state *optional*	string
userName *optional*	string

zipCode *optional*	string

OperatorGetResponseModel

Response Model example for operator API

OperatorGetResponseModel

Response Model example for operator API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Operator Response Model	ISTS, OperatorDTO PASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

OperatorsGetResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Response Model example for Operator API

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Operator Response Model	ISTS,< OperatorDTO > PASSCODE_NOT_MAarray TCH,

SERVICE_STOPPED,

PanelAutomation

SERVICE_BUSY,UNKNOWN_ERROR)

Name	Schema
automationDevice *optional*	enum (None, OnboardConnectionMode1, B42xSDI2Addr1Mode1, OnboardTLSConnectionMode1, Mode2, B42xSDI2Addr2Mode1, SDIAddr80Mode1, Unknown)
passcode *optional*	string

PanelCapability

Capability of Panel

Name	Schema
maxArea *optional*	integer (int32)
maxPoint *optional*	integer (int32)
maxPointProfile *optional*	integer (int32)
maxUser *optional*	integer (int32)
maxUserGroup *optional*	integer (int32)

PanelCapabilityGetResponseModel

Response Model example for panel API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Panel Response Model	ISTS, PanelCapabilityPASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

PanelDTO

SERVICE_BUSY,UNKNOWN_ERROR)

Name	Schema
accountID *optional*	string
address *optional*	string
city *optional*	string
contact *optional*	string
createDate *optional*	string (date-time)
dataPhone *optional*	string
description *optional*	string
destinationPath1 *optional*	string
guid *optional*	string

Name	Schema
isRemoteUserSupported *optional*	boolean
lastCommunication *optional*	string (date-time)

Name	Schema
lastModified *optional*	string (date-time)
lastReceive *optional*	string (date-time)
lastSend *optional*	string (date-time)
name *optional*	string
panelType *optional*	string
romRevision *optional*	string
state *optional*	string
voicePhone *optional*	string
zipCode *optional*	string

PanelGetResponseModel

Response Model example for panel API

Name	Description	Schema

		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI
returnCode *optional*		

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Panel Response Model	ISTS, PanelDTO PASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

PanelIPModel

SERVICE_BUSY,UNKNOWN_ERROR)

IP setting

Name	Schema
address *optional*	string
port *optional*	integer (int32)

PanelUserBasicModel

Panel user resource model for delete

Name	Schema
index *optional*	integer (int32)
user *optional*	RPSApiUserBasic

PanelUserDisplayAllModel

Panel user resource model for DisplayAll

Name	Schema
index *optional*	integer (int32)
user *optional*	RPSApiUserDisplayAll

PanelUserModel

Panel user resource model for update

Name	Description	Schema
index *optional*	User Index	integer (int32)
user *optional*	RPS Model - RPS API V2 won't apply the changes of User 0's arealevels, siteCode, accessCode, keyFob and remoteAccess to database and control panel	RPSApiUser

PanelWideCardType

Card type of panel wide setting

Name	Schema
cardType *optional*	enum (Wiegand26, Wiegand37, Wiegand37WithSiteCode)

PanelsGetResponseModel

Response Model example for Panel API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Panel Response Model	ISTS, <PASSCODE_NOT_MA [PanelDTO] > array TCH,

SERVICE_STOPPED,

PointGetResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Response Model Example for GET Point API

Name	Description	Schema

		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI
returnCode *optional*		

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Point Model	ISTS, RPSPoint PASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

PointProfileGetResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Response Model Example for GET PointProfile API

Name	Description	Schema

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	PointProfile Response Model	ISTS, RPSPointProfilePASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

PointProfilesGetResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Response Model Example for GET PointProfiles API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	PointProfiles Response Model	ISTS,< RPSPointProfile > PASSCODE_NOT_MAarray TCH,

SERVICE_STOPPED,

PointsGetResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Response Model Example for GET Points API

Name	Description	Schema

			enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI
returnCode *optional*			

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Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Points Model	ISTS, <PASSCODE_NOT_MA RPSPoint > array TCH,

SERVICE_STOPPED,

RPSApiUser

SERVICE_BUSY,UNKNOWN_ERROR)

Common User information for users of all panel types

Name	Description	Schema
accessCode *optional*	AccessCode	integer (int64)
areaLevels *optional*	AreaLevels	< integer (int32) > array
keyFob *optional*	KeyFob	string
language *optional*	Language	integer (int32)
passcode *optional*	Passcode	string
remoteAccess *optional*	RemoteAccess	enum (Enabled, Disabled, NotAvailable)
siteCode *optional*	SiteCode	integer (int32)
userGroup *optional*	UserGroup	integer (int32)

userName optional	UserNameFirstLanguage	string

RPSApiUserBasic

Common User information for users of all panel types

Name	Description	Schema
passcode *optional*	Passcode for validation	string

RPSApiUserDisplayAll

Common User information for users of all panel types

Name	Description	Schema
passcode *optional*	Passcode	string
userNameFirstLanguage *optional*	UserNameFirstLanguage	string

RPSAreaDetail

Name	Schema
areaNameText *optional*	string
areaNum *optional*	integer (int32)
areaOn *optional*	boolean
exitDelay *optional*	integer (int32)
forceArmBypassMax *optional*	integer (int32)

RPSAuthorityLevel

Name	Schema

levelName *optional*	string
levelNum *optional*	integer (int32)

RPSLanguage

Name	Schema
firstLanguage *optional*	string
secondLanguage *optional*	string

RPSPoint

Name	Schema
areaNumber *optional*	integer (int32)
pointNumber *optional*	integer (int32)
pointText *optional*	string
profileIndex *optional*	integer (int32)

RPSPointProfile

Name	Schema
armedMissingResponse *optional*	integer (int32)
armedOpenResponse *optional*	integer (int32)
Name	Schema

armedShortResponse *optional*	integer (int32)
bypassReportAtClose *optional*	boolean
bypassReportAtOccurence *optional*	boolean
bypassable *optional*	boolean
circuitStyle *optional*	string
disarmedMissingResponse *optional*	integer (int32)
disarmedOpenResponse *optional*	integer (int32)
disarmedShortResponse *optional*	integer (int32)
entryDelay *optional*	integer (int32)
outputResponseCode *optional*	string
pointType *optional*	string
profileIndex *optional*	integer (int32)

RPSSupportedLang

Name	Schema
SupportedLanguages *optional*	< string > array

RPSTaskUpdate

RPS Task Update Resource Model

Name	Schema
action *optional*	enum (CANCEL, RETRY, COMPLETED)

RPSUserGroup

Name	Schema
userGroupName *optional*	string
userGroupNum *optional*	integer (int32)

RPS_VPNConnection

VPN Connection for RPS

Name	Description	Schema
connectionName *optional*	ConnectionName	string
password *optional*	Password	string
userName *optional*	UserName	string
vpnID *optional*	VPNID	string
vpnName *optional*	VPNName	string

StatusInfo

StatusInfo for callback

Name	Schema

statusCode *optional*	enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXISTS, PANEL_BUSY, PANEL_CONNECT_RETRY, OPERATOR_NOT_EXISTS, PASSCODE_NOT_MATCH, SERVICE_STOPPED, SERVICE_BUSY, UNKNOWN_ERROR)
statusMessage *optional*	string

SubscribeGetResponseModel

Response Model Example for GET Subscribe API

Name	Description	Schema

		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI
returnCode *optional*		

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Subscribe Response Model	ISTS,< SubscriberInfo > PASSCODE_NOT_MAarray TCH,

SERVICE_STOPPED,

SubscribePutResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Response Model Example for PUT Task API

Name	Description	Schema

		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI
returnCode *optional*		

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Error Description	ISTS, object PASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

SubscriberInfo

SERVICE_BUSY,UNKNOWN_ERROR)

Subscriber's information

Name	Schema
eventType *optional*	enum (ALL, ONLY_RESULT, ONLY_ERROR)
headers *optional*	< HeaderInfo > array
url *optional*	string

TaskGetResponseModel

Response Model Example for GET Task API

Name	Description	Schema

		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI
returnCode *optional*		

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Task Response Model	ISTS, TaskStatusInfo PASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

TaskPutResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Response Model Example for PUT Task API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description		Schema
returnMessag e *optional*			STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Error Description		ISTS, object PASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

TaskStatusInfo

SERVICE_BUSY,UNKNOWN_ERROR)

TaskStatusInfo for scheduler api

Name	Schema
action *optional*	enum (PENDING, UPDATING, RETRYING, CANSUBSCRIBE, CANCELLED, FAILED, SUCCEED, UNSUBSCRIBE, COMPLETED)
dateTime *optional*	string (date-time)
operator *optional*	string
panelGUID *optional*	string
panelName *optional*	string
status *optional*	StatusInfo
taskID *optional*	string

TasksGetResponseModel

Response Model Example for GET Tasks API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Tasks Response Model	ISTS,< TaskStatusInfo > PASSCODE_NOT_MAarray TCH,

SERVICE_STOPPED,

UpdateUserModel

SERVICE_BUSY,UNKNOWN_ERROR)

Panel User resource model

Name	Description	Schema
panelUserList *optional*		< PanelUserModel > array
priority *optional*	Task action	enum (HIGH, NORMAL)

UserGetResponseModel

Response Model Example for GET User API

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Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	User Model	ISTS, RPSApiUser PASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

UserGroupResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

User Group response model

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX

Name	Description	Schema

		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI
returnCode *optional*		

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	User Group Response Model	ISTS,< RPSUserGroup > PASSCODE_NOT_MAarray TCH,

SERVICE_STOPPED,

UsersGetResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Response Model Example for GET Users API

Name	Description	Schema

		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI
returnCode *optional*		

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Users Response Model	ISTS,< PanelUserModel > PASSCODE_NOT_MAarray TCH,

SERVICE_STOPPED,

UsersPutResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Response Model Example for PUT Users API

Name	Description	Schema

		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI
returnCode *optional*		

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Users Model for update	ISTS, TaskStatusInfo PASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

UsersSimpleGetResponseModel

SERVICE_BUSY,UNKNOWN_ERROR)

Partial User Data Resource Model

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Partial User Data Resource Model	ISTS,< PASSCODE_NOT_MAPanelUserDisplayAll TCH,Model > array SERVICE_STOPPED,

SERVICE_BUSY,

VPNGetResponseModel

UNKNOWN_ERROR)

Response Model Example for Connectivity API query VPN settings

Name	Description	Schema

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name		

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Connectivity Response Model	ISTS, RPS_VPNConnectionPASSCODE_NOT_MA TCH,

SERVICE_STOPPED,

VPNModel

SERVICE_BUSY,UNKNOWN_ERROR)

VPN Model

Name	Description	Schema
useVPN *optional*	Enable/Disable VPN	boolean
vpnID *optional*	VPN Guid	string

VPNsGetResponseModel

Response Model Example for Connectivity API query VPN settings

Name	Description	Schema

		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI
returnCode *optional*		

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	Connectivity Response Model	ISTS,< PASSCODE_NOT_MARPS_VPNConnection TCH,> array SERVICE_STOPPED,

SERVICE_BUSY,

VersionInfo

UNKNOWN_ERROR)

API Version

Name	Schema
currentVersion *optional*	string
supportedVersion *optional*	< string > array

VersionResponseModel

Response Model Example for Versions API

Name	Description	Schema

returnCode *optional*		enum (SUCCESS, PANEL_NO_LOCK, DB_UPDATED, PANEL_PENDING, PANEL_PROCESSING, UNAUTHORIZED_ACCESS, USER_HAS_NO_PERMISSION, IP_ADDR_BLOCKING, NOT_SUPPORTED_SETTING, SETTING_INVALID, SETTING_OUT_OF_RANGE, SETTING_CONFLICT, ACTION_INVALID, RPSAPI_START_SERVICE_FAILED, RPSAPI_READ_REGISTRY_FAILED, RPSAPI_WRITE_ACTIVITY_FAILED, FILE_NOT_FOUND, RPS_VERSION_NOT_SUPPORTED, DB_OPERATE_FAILED, PANEL_DOES_NOT_EXIST, PANEL_OFF_LINE, PANEL_READ_ONLY, PANEL_NOT_SUPPORT, AREA_NOT_EXISTS, POINT_NOT_EXISTS, USER_NOT_EXISTS, PANEL_INTERNAL_EXCEPTION, PANEL_DATA_LOCK, POINTPROFILE_NOT_EXISTS, DATA_TYPE_NOT_MATCH, DATA_NOT_FOUND, DATA_ALREADY_EXI

Name	Description	Schema
returnMessag e *optional*		STS, PANEL_BUSY, PANEL_CONNECT_Rstring ETRY, OPERATOR_NOT_EX
returnObject *optional*	VersionInfo Model	ISTS, VersionInfo PASSCODE_NOT_MA TCH, SERVICE_STOPPED, SERVICE_BUSY, UNKNOWN_ERROR)