Steps to Call a Service on Smart Order Manager

# Introduction

SOM APIs are RESTFULL services using JSON as communication layer. In order to call a service on SOM, you need first to get a token and pass it in the request header.

Getting a token can be done through an exposed specific service for authentication.

# Authentication

Authenticate is a POST method and following are details about this service:

**Request URL**: [SOM\_Address]/api/VR\_Sec/Security/Authenticate

**Body**: *{"Email":"sample@vanrise.com", "Password":"123456"}*

**Response Sample**:

{

"$type": "Vanrise.Security.Entities.AuthenticateOperationOutput`1[[Vanrise.Security.Entities.AuthenticationToken, Vanrise.Security.Entities]], Vanrise.Security.Entities",

"Result": 0,

"Message": null,

"AuthenticationObject": {

"$type": "Vanrise.Security.Entities.AuthenticationToken, Vanrise.Security.Entities",

"TokenName": "Auth-Token",

"UserName": "support@vanrise.com",

"SecurityProviderId": "9554069b-795e-4bb1-bff3-9af0f47fc0ff",

"SupportPasswordManagement": true,

"UserDisplayName": "Super Administrator",

"ExpirationIntervalInMinutes": 5760,

"ExpirationIntervalInSeconds": 345600,

"Token": "ZmmvIWdAJwKjeWCVDco1zJakuiqEYgf9Hw4iwWNHfswvkk+XLGCP7uvjYpSufPEMTeHzvGZvCcI4sZQJxvXGQibudXbO1p09fL6cu/StTjTj4incIygwXfVkXvZf7iPyIXOwF3pPbYB4ZgJWbJ+PwXQiDA5aC4nfAJFoMWFx1LL+MLJV/5EMEgVq2VsV7ZKdWle3W5IOtNzjVESj4lnrqEMew2UijgbxbmcTENDIyGySzD9Lbee/bEgJYJt/oJZz",

"PhotoFileId": null,

"PasswordExpirationDaysLeft": null

}

}

A property called Result describes the status the call, below are the possible options:

|  |  |
| --- | --- |
| **Result** | **Status** |
| 0 -> Succeeded | User Authenticated successfully |
| 1 -> Failed | N/A |
| 2 -> Inactive | User is not active (**EnabledTill** is due) |
| 3 -> WrongCredentials | Password is not correct |
| 5 -> ActivationNeeded | User exists but needs activation (Login by the user in order to activate it) |

If the call is successfully authenticated, get the values of TokeName and Token to include them in the header of any API call to SOM later on. Use the Token Name as key and the Token as value.

*Note: a token expires after a certain interval and it is stated in minutes in ExpirationIntervalInMinutes property.*

# API Call

Taking TelephonySoftSuspend as a sample; following are its details:

**Request URL**: [SOM\_Address]/api/DynamicBusinessProcess\_BP/TelephonySoftSuspend/StartProcess

**Header:** key: Auth-Token, value: ZmmvIWdAJwKjeWCVDco1zJ…

**Body:**

{

"InputArguments": {

"CommonArgument":{

"ContactId":" CONTR0000000331"

},

}

}

**Response**: {"ProcessId":2}