

# IEEE

## ENTERPRISE SERVICE CHARTER

### GetMemberStatus

Author: Hari Vallabhaneni  
Creation Date: May 23, 2019  
Last Updated: Feb 25, 2021  
Version: 1.0

**Note:**

**Approvals:**

---

---

**Note:**

**Note:**





## Contents

### Document Control

GetMemberStatus

Endpoint URI

Sample JSON Request/Response Payloads:

## Overview

This document explains the REST/JSON implementation of GetMemberStatus API which retrieves the status of the member and his Grade.

## GetMemberStatus

### Purpose

This API is used to retrieve the status and grade of a member. It takes either the email address or the GCN as the input parameter and returns the status and grade as a response.

If any other error occurs during this process, the system returns the error message to the caller as a part of the response.

### Mode

This is a synchronous operation

### Input Parameters

Name	Required	Description
MemberID	required	Email or CustomerNumber

### Output Parameters

- This operation returns the Membership status and Grade

Name	Required	Description
MemberStatus		Membership status
Grade		Grade
SocietyList		Active list of societies excluding IEEE Membership

### Get Auth Header. Request OAuth Token.

#### Token EndPoint URI

TEST : <https://services15.ieee.org/RST/api/oauth/token>

QA: <https://services11.ieee.org/RST/api/oauth/token>

PRODUCTION : <https://services13.ieee.org/RST/api/oauth/token>

**Note: Please provide the Authorization Header for the successful connection to the service.**

- Generate Token using provided Client ID, Secret Key and Scope. Document will be provided with How to use Token & client keys for each environment will be provided.**

## Service charter

Method POST Request URL <https://services11.ieee.org/RST/api/oauth/token> SEND

Parameters ^

Headers Body Variables

Body content type application/x-www-fo... Editor view Form data (www-url-form-encoded)

ENCODE PAYLOAD DECODE PAYLOAD

grant_type	client_credentials	X
client_id	3abefc00-d2fb-4f9d-adf3-231feb4bf092	X
client_secret	b9d2d3c7-0ea9-443a-be49-ee982b86b6f3	X
scope	GetMemberStatus	X

ADD FORM PARAMETER

## keys for QA to test :

**grant\_type=client\_credentials&client\_id=3abefc00-d2fb-4f9d-adf3-231feb4bf092&client\_secret=b9d2d3c7-0ea9-443a-be49-ee982b86b6f3&scope=GetMemberStatus**

## 2. Make the Actual API call to GetMembershipStatus.

### Endpoint URI

SIT - <https://services15.ieee.org/RST/Customer/getstatus>

QA - <https://services11.ieee.org/RST/Customer/getstatus>

PROD - <https://services13.ieee.org/RST/Customer/getstatus>

**Note: Please provide the Authorization Header for the successful connection to the service.**

Method POST Request URL <https://services11.ieee.org/RST/Customer/getstatus> SEND

Parameters ^

Headers Body Variables

Toggle source mode + Insert headers set

Header name content-type	Header value application/json	X
Header name authorization	Header value Bearer <a href="#">OwUzEmkCibV6snPg9IODujUQXn5N401gT2gStF0tOPXCfmsaGftsXs</a>	X

ADD HEADER

Headers are valid Headers size: 107 bytes

200 OK 602.10 ms DETAILS

In the body,

Axway Services / Customer / **getMemberStatus**

**POST** ▼ <https://services11.ieee.org/RST/Customer/getstatus>

Params Authorization Headers (12) **Body** ● Pre-request Script Tests Settings


● none ● form-data ● x-www-form-urlencoded ● **raw** ● binary ● GraphQL **JSON** ▼

```

1 {
2   "MemberID" : "01387927@domain.com"
3 }

```

Body Cookies (1) Headers (14) Test Results

Pretty Raw Preview Visualize JSON ▼ 

```

1 {
2   "MemberStatus": "Active",
3   "Grade": "Fellow",
4   "SocietyList": "MEMWIE050, MEMCOM019, MEMMTT017, MEMPHO036, MEMAP003"
5 }

```

## Sample JSON Request/Response Payloads:

### 1. GCN in the Request:

#### Input Request:

```
{
  "MemberID" : "01387927"
}
```

#### Response:

```
{
  "MemberStatus": "Active",
  "Grade": "Fellow",
  "SocietyList": "MEMWIE050, MEMCOM019, MEMMTT017, MEMPHO036, MEMAP003"
}
```

### 2. Email Address in the Request:

#### Input Request:

```
{"MemberID":"test@test.com"}
```

#### Response:

```
{
  "MemberStatus": "Not Applicable",
  "Grade": "Individual"
}
```

Response that will be returned when a member record is not found. it will still be a 200 ERROR.

Service charter

```
{
  "reasons" : [ {
    "language" : "en",
    "message" : "Customer Record Not Found"
  } ],
  "details" : {
    "msgId" : "Id-09ed085d3e37d26d884868c8"
  }
}
```

3. **If there are no active societies:**

```
{
  "MemberID" : "97240231"
}

{
  "MemberStatus": "Not Applicable",
  "Grade": "Individual",
  "SocietyList": "None"
}
```