

MiVoice MX-ONE

Provisioning Manager and Service Node Manager REST API- Description

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1. PREFACE

1.1 ABOUT THIS DOCUMENT

This document contains information about the MX-ONE Provisioning Manager (PM) and MX-ONE Service Node Manager (SNM) REST API functions in order of functional group. The document is intended for developers. Basic knowledge of telephony and APIs is required to understand the content presented in this document.

The REST API functions covered in this document enable various operations under PM/SNM. Each function call's elements, including parameters, return values, and Return Values elements, are fully described in the document.

NOTE: Fields with a value of 0 or an empty string are often excluded from the detail. Applications using or displaying these fields should be prepared to render these default values accordingly. Furthermore, some parameters are optional, and these are clearly marked as such. The parameter description includes any default value that is used when an optional parameter is omitted.

1.2 RELATED DOCUMENTATION

The following are reference documents available in the CPI library:

- MX-ONE Provisioning Manager, Description -15/1551-ANF 901 15
- MX-ONE Service Node Manager, Description - 16/1551-ANF 901 15

2. INTRODUCTION

2.1 OVERVIEW

The API module has the following microservices:

- Authentication
- User
- Provisioning Manager- Extension

2.2 PREREQUISITES

Existing MX-ONE system with access to PM/SNM portal (username and password to login).

2.3 TOOLING

There are many COTS (Commercial-Off-The-Shelf) and open-source tools and programming languages that allow consumption of RESTFul APIs including, but not limited to:

Tools (may also be used by non-developers with some guidance)

- cURL
- Postman
- Swagger.IO

Programming languages that support HTTP protocol client and JSON format parser/formatter

- Java
- PHP
- Python
- Any .Net-compliant language and more

NOTE: We are using Swagger UI for explaining the various APIs in this document.

3. API AUTHENTICATION

To use APIs, the user must have a valid authorization or API token. This token serves as a unique identifier for the user, and it is used to authenticate and authorize access to the API's functionality.

3.1 POST/AUTH/LOGIN

This POST method generates the authentication token and refresh token.

1. Use **POST /auth/login** to send a HTTP POST request to the authentication service.
 - i. Select **auth** from the **Select a definition** drop-down list, click the **Try it Out** option.
 - ii. Under **Request body**, enter the username and password of your existing PM/SNM system and click **Execute**.

- PARAMETERS:

No parameters

REQUEST

Example Value:

```
{
  "username": "string",
  "password": "string"
}
```

RESPONSES:

- VALID RESPONSE: 200 OK
Example Value

```
{
  "token": "string",
  "refreshToken": "string"
}
```

NOTE: the token “string” value is used for authorizing all other APIs and the refreshToken “string” value is used to generate a new token as the token expires every 10 minutes.

- ERROR RESPONSE: 400 Bad Request
Example Value

```
{
  "mitelErrorCode": "string",
  "errorMsg": "string",
  "developerMsg": "string",
  "responseStatus": "100 CONTINUE",
  "responseCode": 0
}
```

2. Click **Authorize** and in the dialog box that appears, enter the token “string” value generated in the RESPONSE.

3. Click **Authorize** and the authentication is complete.

3.2 POST/ AUTH/REFRESH-TOKEN

The authorization token expires every 10 minutes; hence this POST method generates a new authorization token and new refresh token.

1. Use **POST /auth/refresh-token** to send a HTTP POST request to the authentication service.
 - i. Select **auth** from the **Select a definition** drop-down list, click the **Try it Out** option.
 - ii. Under **Request body**, enter the userRecId and refresh token value and click **Execute**.

NOTE: The userRecId value can be generated by using the API: **GET user/by-rec-id/v1/{userRecId}** available in the user microservice. For more information see, the **GET user/by-rec-id/v1/{userRecId}** API section.

PARAMETERS:

No parameters

REQUEST

```
Syntax:
{
  "userRecId": 0,
  "refreshToken": "string"
}
```

RESPONSES:

- VALID RESPONSE: 200 OK
Example Value

```
{
  "token": "string",
  "refreshToken": "string"
}
```

NOTE: the token “string” value is used for authorizing all other APIs and the refreshToken “string” value is used to generate a new token as the token expires every 10 minutes.

- ERROR RESPONSE: 400 Bad Request
Example Value

```
{
  "mitelErrorCode": "string",
  "errorMsg": "string",
  "developerMsg": "string",
  "responseStatus": "100 CONTINUE",
  "responseCode": 0
}
```

2. Click **Authorize** and in the dialog box that appears, enter the authorization token “string” value generated in the RESPONSE.

3. Click **Authorize** and the authentication is complete.

3.3 GET/ AUTH/TESTTOKEN

This GET method displays the generated authorization token value.

1. Use **GET/auth/testToken** to send a HTTP GET request to the authentication service.
 - i. Select **auth** from the **Select a definition** drop-down list, click the **Try it Out** option.
 - ii. Click **Execute**.

PARAMETERS:

No parameters

RESPONSES:

- VALID RESPONSE: 200 OK
Example Value

```
string
```

The **string** value is the authorization token value.

- ERROR RESPONSE: 400 Bad Request
Example Value

```
{
  "mitelErrorCode": "string",
  "errorMsg": "string",
  "developerMsg": "string",
  "responseStatus": "100 CONTINUE",
}
```

```
"responseCode": 0  
}
```


4. USER API

The User API is used to create, update, view, delete, or add users and their details.

NOTE: To use the methods listed under the User API, the user must have a valid authorization token.

To authorize the User API, do the following:

1. Select **user** from the **Select a definition** drop-down list, click **Authorize** and in the dialog box that appears, enter the authorization token generated in Authentication API.
2. Click **Authorize** and the authentication is complete.

NOTE: User access to the various methods in an API is restricted by the privileges included in the user's security profile. For more information about the types of users, see the chapter *User Types* in the *MiVoice MX-ONE Provisioning Manager – Description* document.

4.1 GET/ USER/V1

This GET method returns a list of users and the details about those users.

PARAMETERS:

No parameters

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```
[
  {
    "userRecId": 0,
    "userId": "string",
    "firstName": "string",
    "lastName": "string",
    "primaryDepartmentId": 0,
    "emailAddress": "string",
    "sms": "string",
    "language": "string",
    "securityProfile": {
      "securityProfileId": 0,
      "securityProfileName": "string",
      "description": "string"
    },
    "altFirstNames": [
      {
        "altFirstNameId": 1,
        "altFirstName": "string"
      }
    ],
    "altLastNames": [
      {
        "altLastNameId": 0,
        "altLastName": "string"
      }
    ]
  }
]
```

```

],
"keyWords": [
  {
    "keywordId": 0,
    "keywordName": "string"
  }
],
"departments": [
  {
    "departmentId": 0,
    "departmentName": "string",
    "parentDepartmentId": 0,
    "location": {
      "locationId": 0,
      "locationName": "string"
    }
  }
]
}
]

```

NOTE: The userRecId value is required while using the POST /auth/refresh-token method.

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

4.2 GET/ USER/BY-USER-ID/V1{USERID}

This GET method is used to get the details about a specific user using userId.

PARAMETERS

- userId - The user ID of the user (string type)

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
  "userRecId": 0,
  "userId": "string",
  "firstName": "string",
  "lastName": "string",
  "primaryDepartmentId": 0,
  "emailAddress": "string",
  "sms": "string",
  "language": "string",
  "securityProfile": {
    "securityProfileId": 0,
    "securityProfileName": "string",
    "description": "string"
  }
},

```

```

"altFirstNames": [
  {
    "altFirstNameId": 1,
    "altFirstName": "string"
  }
],
"altLastNames": [
  {
    "altLastNameId": 0,
    "altLastName": "string"
  }
],
"keyWords": [
  {
    "keywordId": 0,
    "keywordName": "string"
  }
],
"departments": [
  {
    "departmentId": 0,
    "departmentName": "string",
    "parentDepartmentId": 0,
    "location": {
      "locationId": 0,
      "locationName": "string"
    }
  }
]
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

4.3 GET/USER/BY-REC-ID/V1/{USERRECID}

This GET method is used to get the details about a specific user using userRecId.

PARAMETERS

- userRecId - The user rec ID of the user (integer type (\$int32))

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
  "userRecId": 0,
  "userId": "string",
  "firstName": "string",
  "lastName": "string",
  "primaryDepartmentId": 0,
  "emailAddress": "string",
  "sms": "string",
  "language": "string",
  "securityProfile": {
    "securityProfileId": 0,
    "securityProfileName": "string",
    "description": "string"
  },
  "altFirstNames": [
    {
      "altFirstNameId": 1,
      "altFirstName": "string"
    }
  ]
}

```

```

    }
  ],
  "altLastNames": [
    {
      "altLastNameId": 0,
      "altLastName": "string"
    }
  ],
  "keyWords": [
    {
      "keywordId": 0,
      "keywordName": "string"
    }
  ],
  "departments": [
    {
      "departmentId": 0,
      "departmentName": "string",
      "parentDepartmentId": 0,
      "location": {
        "locationId": 0,
        "locationName": "string"
      }
    }
  ]
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

4.4 POST/ USER/V1

This POST method is used to create a new user.

PARAMETERS

No parameters

REQUEST

Example Value

```

{
  "userId": "string",
  "firstName": "string",
  "lastName": "string",
  "password": "string",
  "emailAddress": "string",
  "sms": "string",
  "altFirstNames": [
    {
      "altFirstNameId": 1,
      "altFirstName": "string"
    }
  ],
  "altLastNames": [
    {
      "altLastNameId": 0,
      "altLastName": "string"
    }
  ],
  "keyWords": [
    {
      "keywordId": 0,
      "keywordName": "string"
    }
  ]
}

```

```

    }
  ],
  "primaryDepartmentId": "string",
  "departments": [
    {
      "departmentId": 0,
      "departmentName": "string",
      "parentDepartmentId": 0,
      "location": {
        "locationId": 0,
        "locationName": "string"
      }
    }
  ],
  "useLastSelection": true,
  "userLanguage": "string",
  "language": "string",
  "extensions": [
    {
      "extensionNumber": "string",
      "subsystemId": 0
    }
  ],
  "udf1": "string",
  "udf2": "string",
  "udf3": "string",
  "udf4": "string",
  "udf5": "string",
  "udf6": "string",
  "udf7": "string",
  "udf8": "string",
  "udf9": "string",
  "udf10": "string",
  "udf11": "string",
  "udf12": "string",
  "udf13": "string",
  "udf14": "string",
  "udf15": "string",
  "udf16": "string",
  "udf17": "string",
  "udf18": "string",
  "udf19": "string",
  "udf20": "string",
  "udf21": "string",
  "udf22": "string",
  "udf23": "string",
  "udf24": "string",
  "udf25": "string",
  "udf26": "string",
  "udf27": "string",
  "udf28": "string",
  "udf29": "string",
  "udf30": "string",
  "udf31": "string",
  "udf32": "string",
  "udf33": "string",
  "udf34": "string"
}

```

RESPONSES

VALID RESPONSE: 201 Created

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

4.5 PUT/USER/V1/{USERRECID}

This PUT method is used to modify the details of a user using userRecId.

PARAMETERS

- userRecId - The user rec ID of the user (integer type (\$int32))

REQUEST

Example Value

```
{
  "firstName": "string",
  "lastName": "string",
  "currentPassword": "string",
  "newPassword": "string",
  "altFirstNames": "string",
  "altLastNames": "string",
  "keyWords": "string",
  "language": "string"
}
```

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```
{
  "userRecId": 0,
  "userId": "string",
  "firstName": "string",
  "lastName": "string",
  "primaryDepartmentId": 0,
  "emailAddress": "string",
  "sms": "string",
  "language": "string",
  "securityProfile": {
    "securityProfileId": 0,
    "securityProfileName": "string",
    "description": "string"
  },
  "altFirstNames": [
    {
      "altFirstNameId": 1,
      "altFirstName": "string"
    }
  ],
  "altLastNames": [
    {
      "altLastNameId": 0,
      "altLastName": "string"
    }
  ],
  "keyWords": [
    {
      "keywordId": 0,
      "keywordName": "string"
    }
  ],
  "departments": [
    {
      "departmentId": 0,
      "departmentName": "string",
      "parentDepartmentId": 0,
      "location": {
        "locationId": 0,
        "locationName": "string"
      }
    }
  ]
}
```

```
}  
]  
}
```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

5. EXTENSION API

The Extension API is used to manage extensions and their details in the PM.

NOTE: To use the methods listed under the Extension API, the user must have a valid authorization token.

To authorize the Extension API, do the following:

1. Select **pm-extension** from the **Select a definition** drop-down list, click **Authorize** and in the dialog box that appears, enter the authorization token generated in Authentication API.
2. Click **Authorize** and the authentication is complete.

NOTE: User access to the various methods in an API is restricted by the privileges included in the user's security profile. For more information about the types of users, see the chapter *User Types* in the *MiVoice MX-ONE Provisioning Manager – Description* document.

5.1 GET/PM-EXTENSION/V1/{USERRECID}

This GET method is used to get the extension details using userRecId.

PARAMETERS

- userRecId - The user rec ID of the user (integer type (\$int32))

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```
{
  "extensionId": 0,
  "extensionNumber": "string",
  "subsystemId": 0,
  "description": "string",
  "mobExtSupport": true,
  "lcrentries": [
    "string"
  ],
  "terminalType": "string",
  "freeExtension": true,
  "lastRemoved": "string",
  "manualServerUrl": true,
  "ippServerUrl": "string",
  "ippServerFolder": "string",
  "micollabExtension": "string",
  "extensionType": "string",
  "extensionVO": {
    "ipex": [
      {
        "defMobNum": "string",
        "autreg": "string",
        "bckpos": "string",
        "csport": "string",
        "ipaddress": "string",
```



```

    "iptype": "string",
    "maxter": "string",
    "password": "string",
    "protocol": "string",
    "rasport": "string",
    "secexc": "string",
    "slineacc": "string",
    "termid": "string",
    "uri": "string",
    "dir": "string"
  }
],
"gedi": [
  {
    "domainName": "string",
    "bstarModel": "string",
    "enhancedServices": "string",
    "videoFunction": "string",
    "featureLevel": "string",
    "freeOnSecondLine": "string",
    "groupNumber": "string",
    "publicCliNumber": "string",
    "typeOfNumber": "string",
    "bckpos": "string",
    "maxter": "string",
    "secexc": "string",
    "bsec": "string",
    "lang": {
      "langID": "string",
      "langname": "string",
      "langnumber": "string"
    },
    "lic": "string",
    "lim": {
      "limnumber": "string",
      "limtype": "string",
      "lan0Address": "string",
      "lan1Address": "string",
      "limaddress": {
        "ipv4": "string",
        "ipv6": "string"
      }
    },
    "mcost": "string",

```

```

    "spopt": "string",
    "ndnum": "string",
    "hacode": "string",
    "licedn": "string",
    "amc": "string",
    "cliactive": "string",
    "clirestriction": "string",
    "terminalTypes": "string",
    "dir": "string",
    "csp": {
      "cust": {
        "reseller": "string",
        "custname": "string",
        "custnumber": "string"
      },
      "cspname": "string",
      "cspnumber": "string"
    },
    "cust": {
      "reseller": "string",
      "custname": "string",
      "custnumber": "string"
    }
  },
  "auco": [
    {
      "auth": "string",
      "cilcode": "string",
      "category": {
        "csp": {
          "cust": {
            "reseller": "string",
            "custname": "string",
            "custnumber": "string"
          },
          "cspname": "string",
          "cspnumber": "string"
        }
      },
      "newCUST": "string",
      "restrict": "string",
      "hashtype": "string",
      "dir": "string"
    }
  ]
}

```

```

    }
  ],
  "susi": {
    "activeDiversions": {
      "activeDiversion": [
        "string"
      ]
    },
    "listno": "string",
    "rou": {
      "rouname": "string",
      "rounumber": "string"
    },
    "lineStatus": "string",
    "hardware": {
      "description": "string",
      "position": "string"
    },
    "trafficStatus": {
      "trafficState": "string",
      "odnstatus": "string"
    },
    "additionalInfo": {
      "directoryState": "string",
      "fre": "string",
      "publicNumber": "string",
      "ecf": "string",
      "authlock": "string",
      "mmw": "string",
      "rdc": "string",
      "list": "string",
      "fme": "string"
    },
    "tru": "string",
    "dir": "string"
  },
  "iper": [
    {
      "protocol": "string",
      "iptype": "string",
      "ver": "string",
      "aastraExpModule": "string",
      "dir": "string"
    }
  ]
}

```

```

],
"niin": [
  {
    "rounumber": "string",
    "cti": "string",
    "limnumber": "string",
    "auxInfoText": "string",
    "infoText": "string",
    "nrType": {
      "ope": "string",
      "grp": "string",
      "dir": "string"
    },
    "name1": "string",
    "name2": "string",
    "restr": "string",
    "n1OrN2": "string",
    "namDb": "string",
    "cust": {
      "reseller": "string",
      "custname": "string",
      "custnumber": "string"
    }
  }
],
"nutr": [
  {
    "remNum": "string",
    "conversionType": "string",
    "truncate": "string",
    "newType": "string",
    "cont": "string",
    "targetDest": "string",
    "bcap": "string",
    "hlc": "string",
    "convertedNum": "string",
    "numberType": "string",
    "route": "string",
    "prefix": "string",
    "dir": "string"
  }
],
"emergencyLocation": {
  "locationid": "string",

```

```

        "dir": "string"
    }
},
"phoneDTO": {
    "phoneTypeKey": "string",
    "phoneTypeValue": "string",
    "description": "string",
    "displayName": "string",
    "displayOrder": 0,
    "isActive": "string"
},
"phonePanelDTO": {
    "panelTypeKey": "string",
    "panelTypeValue": "string",
    "phoneTypeKey": "string",
    "description": "string",
    "displayName": "string",
    "displayOrder": 0,
    "panelModel": "string"
}
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

5.2 GET/PM-EXTENSION/V1/DETAILS

This GET method is used to get extension details based on extension number and subsystem Id.

PARAMETERS

- extensionNumber - The extension number (string type)
- extensionType - The extension type (string type)
Available values : All, IP, Digital, Analogue, CAS, Fax, Mobile, DECT, Virtual, Additional Directory Number, Multi Terminal, Remote, SMS
- subsystemId – The subsystem ID (integer type (\$int32))

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
    "extensionId": 0,
    "extensionNumber": "string",
    "subsystemId": 0,
    "description": "string",
    "mobExtSupport": true,

```

```
"lcrentries": [  
  "string"  
,  
  "terminalType": "string",  
  "freeExtension": true,  
  "lastRemoved": "string",  
  "manualServerUrl": true,  
  "ippServerUrl": "string",  
  "ippServerFolder": "string",  
  "micollabExtension": "string",  
  "extensionType": "string",  
  "extensionVO": {  
    "ipex": [  
      {  
        "defMobNum": "string",  
        "autreg": "string",  
        "bckpos": "string",  
        "csport": "string",  
        "ipaddress": "string",  
        "iptype": "string",  
        "maxter": "string",  
        "password": "string",  
        "protocol": "string",  
        "rasport": "string",  
        "secexc": "string",  
        "slineacc": "string",  
        "termid": "string",  
        "uri": "string",  
        "dir": "string"  
      }  
    ],  
    "gedi": [  
      {  
        "domainName": "string",  
        "bstarModel": "string",  
        "enhancedServices": "string",  
        "videoFunction": "string",  
        "featureLevel": "string",  
        "freeOnSecondLine": "string",  
        "groupNumber": "string",  
        "publicCliNumber": "string",  
        "typeOfNumber": "string",  
        "bckpos": "string",  
        "maxter": "string",
```

```

"secexc": "string",
"bsec": "string",
"lang": {
  "langID": "string",
  "langname": "string",
  "langnumber": "string"
},
"lic": "string",
"lim": {
  "limnumber": "string",
  "limtype": "string",
  "lan0Address": "string",
  "lan1Address": "string",
  "limaddress": {
    "ipv4": "string",
    "ipv6": "string"
  }
},
"mcost": "string",
"spopt": "string",
"ndnum": "string",
"hacode": "string",
"licedn": "string",
"amc": "string",
"cliactive": "string",
"clirestriction": "string",
"terminalTypes": "string",
"dir": "string",
"csp": {
  "cust": {
    "reseller": "string",
    "custname": "string",
    "custnumber": "string"
  },
  "cspname": "string",
  "cspnumber": "string"
},
"cust": {
  "reseller": "string",
  "custname": "string",
  "custnumber": "string"
}
}
],

```

```

"auco": [
  {
    "auth": "string",
    "cilcode": "string",
    "category": {
      "csp": {
        "cust": {
          "reseller": "string",
          "custname": "string",
          "custnumber": "string"
        },
        "cspname": "string",
        "cspnumber": "string"
      }
    },
    "newCUST": "string",
    "restrict": "string",
    "hashtype": "string",
    "dir": "string"
  }
],
"susi": {
  "activeDiversions": {
    "activeDiversions": [
      "string"
    ]
  },
  "listno": "string",
  "rou": {
    "rouname": "string",
    "rounumber": "string"
  },
  "lineStatus": "string",
  "hardware": {
    "description": "string",
    "position": "string"
  },
  "trafficStatus": {
    "trafficState": "string",
    "odnstatus": "string"
  },
  "additionalInfo": {
    "directoryState": "string",
    "fre": "string",

```



```

    "publicNumber": "string",
    "ecf": "string",
    "authlock": "string",
    "mmw": "string",
    "rdc": "string",
    "list": "string",
    "fme": "string"
  },
  "tru": "string",
  "dir": "string"
},
"iper": [
  {
    "protocol": "string",
    "iptype": "string",
    "ver": "string",
    "aastraExpModule": "string",
    "dir": "string"
  }
],
"niin": [
  {
    "rounumber": "string",
    "cti": "string",
    "limnumber": "string",
    "auxInfoText": "string",
    "infoText": "string",
    "nrType": {
      "ope": "string",
      "grp": "string",
      "dir": "string"
    },
    "name1": "string",
    "name2": "string",
    "restr": "string",
    "n1OrN2": "string",
    "namDb": "string",
    "cust": {
      "reseller": "string",
      "custname": "string",
      "custnumber": "string"
    }
  }
]
],

```

```

"nutr": [
  {
    "remNum": "string",
    "conversionType": "string",
    "truncate": "string",
    "newType": "string",
    "cont": "string",
    "targetDest": "string",
    "bcap": "string",
    "hlc": "string",
    "convertedNum": "string",
    "numberType": "string",
    "route": "string",
    "prefix": "string",
    "dir": "string"
  }
],
"emergencyLocation": {
  "locationid": "string",
  "dir": "string"
}
},
"phoneDTO": {
  "phoneTypeKey": "string",
  "phoneTypeValue": "string",
  "description": "string",
  "displayName": "string",
  "displayOrder": 0,
  "isActive": "string"
},
"phonePanelDTO": {
  "panelTypeKey": "string",
  "panelTypeValue": "string",
  "phoneTypeKey": "string",
  "description": "string",
  "displayName": "string",
  "displayOrder": 0,
  "panelModel": "string"
}
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure

- 403 Forbidden
- 404 Not found

5.3 PUT/PM-EXTENSION/V1/IMPORT

This PUT method is used to import extension into provisioning manager from a respective subsystem.

PARAMETERS

- extensionNumber - The extension number (string type)
- subsystemId – The subsystem ID (integer type (\$int32))

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```
{
  "extensionId": 0,
  "extensionNumber": "string",
  "subsystemId": 0,
  "description": "string",
  "mobExtSupport": true,
  "lcretries": [
    "string"
  ],
  "terminalType": "string",
  "freeExtension": true,
  "lastRemoved": "string",
  "manualServerUrl": true,
  "ippServerUrl": "string",
  "ippServerFolder": "string",
  "micollabExtension": "string",
  "extensionType": "string",
  "extensionVO": {
    "ipex": [
      {
        "defMobNum": "string",
        "autreg": "string",
        "bckpos": "string",
        "csport": "string",
        "ipaddress": "string",
        "iptype": "string",
        "maxter": "string",
        "password": "string",
        "protocol": "string",
        "rasport": "string",
        "secexc": "string",
        "slineacc": "string",
        "termid": "string",

```

```

        "uri": "string",
        "dir": "string"
    }
],
"gedi": [
    {
        "domainName": "string",
        "bstarModel": "string",
        "enhancedServices": "string",
        "videoFunction": "string",
        "featureLevel": "string",
        "freeOnSecondLine": "string",
        "groupNumber": "string",
        "publicCliNumber": "string",
        "typeOfNumber": "string",
        "bckpos": "string",
        "maxter": "string",
        "secexc": "string",
        "bsec": "string",
        "lang": {
            "langID": "string",
            "langname": "string",
            "langnumber": "string"
        },
        "lic": "string",
        "lim": {
            "limnumber": "string",
            "limtype": "string",
            "lan0Address": "string",
            "lan1Address": "string",
            "limaddress": {
                "ipv4": "string",
                "ipv6": "string"
            }
        },
        "mcost": "string",
        "spopt": "string",
        "ndnum": "string",
        "hacode": "string",
        "licedn": "string",
        "amc": "string",
        "cliactive": "string",
        "clirestriction": "string",
        "terminalTypes": "string",

```

```

    "dir": "string",
    "csp": {
      "cust": {
        "reseller": "string",
        "custname": "string",
        "custnumber": "string"
      },
      "cspname": "string",
      "cspnumber": "string"
    },
    "cust": {
      "reseller": "string",
      "custname": "string",
      "custnumber": "string"
    }
  },
  "auco": [
    {
      "auth": "string",
      "cilcode": "string",
      "category": {
        "csp": {
          "cust": {
            "reseller": "string",
            "custname": "string",
            "custnumber": "string"
          },
          "cspname": "string",
          "cspnumber": "string"
        }
      },
      "newCUST": "string",
      "restrict": "string",
      "hashtype": "string",
      "dir": "string"
    }
  ],
  "susi": {
    "activeDiversions": {
      "activeDiversions": [
        "string"
      ]
    }
  },

```

```
"listno": "string",
"rou": {
  "rouname": "string",
  "rounumber": "string"
},
"lineStatus": "string",
"hardware": {
  "description": "string",
  "position": "string"
},
"trafficStatus": {
  "trafficState": "string",
  "odnstatus": "string"
},
"additionalInfo": {
  "directoryState": "string",
  "fre": "string",
  "publicNumber": "string",
  "ecf": "string",
  "authlock": "string",
  "mmw": "string",
  "rdc": "string",
  "list": "string",
  "fme": "string"
},
"tru": "string",
"dir": "string"
},
"iper": [
  {
    "protocol": "string",
    "iptype": "string",
    "ver": "string",
    "aastraExpModule": "string",
    "dir": "string"
  }
],
"niin": [
  {
    "rounumber": "string",
    "cti": "string",
    "limnumber": "string",
    "auxInfoText": "string",
    "infoText": "string",
```

```

    "nrType": {
      "ope": "string",
      "grp": "string",
      "dir": "string"
    },
    "name1": "string",
    "name2": "string",
    "restr": "string",
    "n1OrN2": "string",
    "namDb": "string",
    "cust": {
      "reseller": "string",
      "custname": "string",
      "custnumber": "string"
    }
  }
],
"nutr": [
  {
    "remNum": "string",
    "conversionType": "string",
    "truncate": "string",
    "newType": "string",
    "cont": "string",
    "targetDest": "string",
    "bcap": "string",
    "hlc": "string",
    "convertedNum": "string",
    "numberType": "string",
    "route": "string",
    "prefix": "string",
    "dir": "string"
  }
],
"emergencyLocation": {
  "locationid": "string",
  "dir": "string"
}
},
"phoneDT0": {
  "phoneTypeKey": "string",
  "phoneTypeValue": "string",
  "description": "string",
  "displayName": "string",

```

```
    "displayOrder": 0,
    "isActive": "string"
  },
  "phonePanelDTO": {
    "panelTypeKey": "string",
    "panelTypeValue": "string",
    "phoneTypeKey": "string",
    "description": "string",
    "displayName": "string",
    "displayOrder": 0,
    "panelModel": "string"
  }
}
```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

6. PHONE SETUP API

The Phone Setup API is used to manage phones and their details in PM.

NOTE: To use the methods listed under the Phone Setup API, the user must have a valid authorization token.

To authorize the Phone Setup API, do the following:

1. Select **pm-extension** from the **Select a definition** drop-down list, click **Authorize** and in the dialog box that appears, enter the authorization token generated in Authentication API.
2. Click **Authorize** and the authentication is complete.

NOTE: User access to the various methods in an API is restricted by the privileges included in the user's security profile. For more information about the types of users, see the chapter *User Types* in the *MiVoice MX-ONE Provisioning Manager – Description* document.

6.1 GET/PM-PHONE-SETUP/KEYS/V1/{EXTENSIONID}

This GET method is used to get the key list for a phone panel.

PARAMETERS

- extensionId - The extension ID (string type)
- panelTypeKey – The panel key type of the phone (string type)

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```
{
  "extensionId": "string",
  "terminalKeys": [
    {
      "keyPosition": 0,
      "logicalKeyId": 0,
      "keyType": "EMPTY",
      "isEditable": true,
      "displayText": "string",
      "keyFunction": "string",
      "keyFunctionValue": "string"
    }
  ],
  "softKeys": [
    {
      "keyPosition": 0,
      "logicalKeyId": 0,
      "keyType": "EMPTY",
      "isEditable": true,
      "displayText": "string",
      "keyFunction": "string",
      "keyFunctionValue": "string"
    }
  ],
  "lineKeys": [
    {
      "keyPosition": 0,
      "logicalKeyId": 0,
      "keyType": "EMPTY",
      "isEditable": true,
      "displayText": "string",
      "keyFunction": "string",
      "keyFunctionValue": "string"
    }
  ],
  "panelKeys": {
    "additionalProp1": [
      {

```

```

        "keyPosition": 0,
        "logicalKeyId": 0,
        "keyType": "EMPTY",
        "isEditable": true,
        "displayText": "string",
        "keyFunction": "string",
        "keyFunctionValue": "string"
    }
],
"additionalProp2": [
    {
        "keyPosition": 0,
        "logicalKeyId": 0,
        "keyType": "EMPTY",
        "isEditable": true,
        "displayText": "string",
        "keyFunction": "string",
        "keyFunctionValue": "string"
    }
],
"additionalProp3": [
    {
        "keyPosition": 0,
        "logicalKeyId": 0,
        "keyType": "EMPTY",
        "isEditable": true,
        "displayText": "string",
        "keyFunction": "string",
        "keyFunctionValue": "string"
    }
]
},
"moreKeys": [
    {
        "keyPosition": 0,
        "logicalKeyId": 0,
        "keyType": "EMPTY",
        "isEditable": true,
        "displayText": "string",
        "keyFunction": "string",
        "keyFunctionValue": "string"
    }
]
}
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

6.2 GET/PM-PHONE-SETUP/PHONE-LIST/V1

This GET method is used to get the list of phones supported by the PM system.

PARAMETERS

No parameters

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
  "phoneTypeKey": "string",

```

```

"phoneTypeValue": "string",
"description": "string",
"displayName": "string",
"displayOrder": 0,
"isActive": "string"
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

6.3 GET/PM-PHONE-SETUP/PANEL-LIST/V1/{PHONETYPEKEY}

This GET method is used to get the panel list supported for respective phone type.

PARAMETERS

- phoneTypeKey – The key of the phone type (string type)

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
  "panelTypeKey": "string",
  "panelTypeValue": "string",
  "phoneTypeKey": "string",
  "description": "string",
  "displayName": "string",
  "displayOrder": 0,
  "panelModel": "string"
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

6.4 POST/PM-PHONE-SETUP/KEYS/V1/{EXTENSIONID}

This POST method is used to update the key list for an extension.

PARAMETERS

- extensionId - The extension ID (string type)

REQUEST:

Example Value

```

{
  "extensionId": "string",
  "addedKeys": [
    {
      "keyPosition": 0,
      "logicalKeyId": 0,
      "keyType": "EMPTY",
      "isEditable": true,
    }
  ]
}

```

```

        "displayText": "string",
        "keyFunction": "string",
        "keyFunctionValue": "string"
    }
],
"updatedKeys": [
    {
        "keyPosition": 0,
        "logicalKeyId": 0,
        "keyType": "EMPTY",
        "isEditable": true,
        "displayText": "string",
        "keyFunction": "string",
        "keyFunctionValue": "string"
    }
],
"removedKeys": [
    {
        "keyPosition": 0,
        "logicalKeyId": 0,
        "keyType": "EMPTY",
        "isEditable": true,
        "displayText": "string",
        "keyFunction": "string",
        "keyFunctionValue": "string"
    }
]
}

```

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
  "extensionId": "string",
  "addedKeys": [
    {
      "keyPosition": 0,
      "logicalKeyId": 0,
      "keyType": "EMPTY",
      "isEditable": true,
      "displayText": "string",
      "keyFunction": "string",
      "keyFunctionValue": "string"
    }
  ],
  "updatedKeys": [
    {
      "keyPosition": 0,
      "logicalKeyId": 0,
      "keyType": "EMPTY",
      "isEditable": true,
      "displayText": "string",
      "keyFunction": "string",
      "keyFunctionValue": "string"
    }
  ],
  "removedKeys": [
    {
      "keyPosition": 0,
      "logicalKeyId": 0,
      "keyType": "EMPTY",
      "isEditable": true,
      "displayText": "string",
      "keyFunction": "string",
      "keyFunctionValue": "string"
    }
  ]
}

```

}

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

7. PERSONAL NUMBER API

The Personal Number API is used to manage personal numbers and their details in PM.

NOTE: To use the methods listed under the Personal Number API, the user must have a valid authorization token.

To authorize the Personal Number API, do the following:

1. Select **pm-extension** from the **Select a definition** drop-down list, click **Authorize** and in the dialog box that appears, enter the authorization token generated in Authentication API.
2. Click **Authorize** and the authentication is complete.

NOTE: User access to the various methods in an API is restricted by the privileges included in the user's security profile. For more information about the types of users, see the chapter *User Types* in the *MiVoice MX-ONE Provisioning Manager – Description* document.

7.1 DELETE/PM-PERSONAL-NUMBER/V2/{EXTENSIONID}

This DELETE method is used to delete a personal number from the list.

PARAMETERS

- extensionId - The extension ID (string type)
- listNumber – The list of numbers (integer type (\$int32))

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

100 CONTINUE

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

7.2 DELETE/PM-PERSONAL-NUMBER/V2/CALL-LIST/CHOICE

This DELETE method is used to delete a call choice number using a specific choice number.

PARAMETERS

- extensionId - The extension ID (string type)
- listNumber – The list of numbers (integer type (\$int32))

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

100 CONTINUE

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

7.3 GET/PM-PERSONAL-NUMBER/V2/{EXTENSIONID}

This GET method is used to get the personal number details related to a specific extensionId.

PARAMETERS

- extensionId - The extension ID (string type)

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```
{
  "extensionId": "string",
  "list": [
    {
      "isActive": true,
      "listNo": 0,
      "listName": "string",
      "delayListNumber": "string"
    }
  ],
  "allInactive": true
}
```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

7.4 GET/PM-PERSONAL-NUMBER/V2/CALL-LIST/CHOICE

This GET method is used to get the call choice details to the specific choice number.

PARAMETERS

- extensionId - The extension ID (string type)
- listNumber – The number list (integer type (\$int32))
- choiceNumber – The call choice number (integer type (\$int32))

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```
{
  "delayList": {
    "listName": "string",
    "listNumber": 0
  },
  "chono": 0,
  "anspos": "string",
  "stime": 0,
  "bsycho": 0,
  "onecal": true,
  "orgsel": {
    "intPri": true,
    "opi": true,
    "pub": true
  },
  "cfipt": true,
  "smssupport": true,
  "dndposition": 0,
  "imsupport": true,
  "efme": true,
}
```

```

"fme": true,
"divimmediate": true,
"divonNoReply": true,
"divonBusy": true
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

7.5 GET/PM-PERSONAL-NUMBER/V1/{EXTENSIONID}

This GET method is used to get the personal number details related to a specific extensionId.

PARAMETERS

- extensionId - The extension ID (string type)

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
  "extensionId": "string",
  "personalNumberVO": {
    "pelp": {
      "lists": [
        {
          "listName": "string",
          "delayListNumber": "string",
          "listno": 0,
          "chos": [
            {
              "delayList": {
                "listName": "string",
                "listNumber": 0
              },
              "chono": 0,
              "anspos": "string",
              "stime": 0,
              "bsycho": 0,
              "onecal": true,
              "orgsel": {
                "intPri": true,
                "opi": true,
                "pub": true
              },
              "cfipt": true,
              "smssupport": true,
              "dndposition": 0,
              "imsupport": true,
              "efme": true,
              "fme": true,
              "divimmediate": true,
              "divonNoReply": true,
              "divonBusy": true
            }
          ]
        }
      ]
    },
    "dir": "string",
    "cust": "string"
  },
  "susi": {

```



```

"activeDiversion": {
  "activeDiversion": [
    "string"
  ]
},
"listno": "string",
"rou": {
  "rouname": "string",
  "rounumber": "string"
},
"lineStatus": "string",
"hardware": {
  "description": "string",
  "position": "string"
},
"trafficStatus": {
  "trafficState": "string",
  "odnstatus": "string"
},
"additionalInfo": {
  "directoryState": "string",
  "fre": "string",
  "publicNumber": "string",
  "ecf": "string",
  "authlock": "string",
  "mmw": "string",
  "rdc": "string",
  "list": "string",
  "fme": "string"
},
"tru": "string",
"dir": "string"
},
"pelc": {
  "frt": "string",
  "disponp": "string",
  "dispidle": "string",
  "dir": "string",
  "fme": "string"
},
"dir": "string"
}
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

7.6 GET/PM-PERSONAL-NUMBER/V2/CALL-LIST

This GET method is used to get the call list related to the specific extensionId and personal number list.

PARAMETERS

- extensionId - The extension ID (string type)
- listNumber – The number list (integer type (\$int32))

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
  "chos": [
    {

```

```

    "delayList": {
      "listName": "string",
      "listNumber": 0
    },
    "chono": 0,
    "anspos": "string",
    "stime": 0,
    "bsycho": 0,
    "onecal": true,
    "orgsel": {
      "intPri": true,
      "opi": true,
      "pub": true
    },
    "cfipt": true,
    "smsupport": true,
    "dndposition": 0,
    "imsupport": true,
    "efme": true,
    "fme": true,
    "divimmediate": true,
    "divonNoReply": true,
    "divonBusy": true
  }
]
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

7.7 POST/PM-PERSONAL-NUMBER/V2/{EXTENSIONID}

This POST method is used to add a personal number list.

PARAMETERS

- extensionId - The extension ID (string type)

REQUEST:

Example Value

```

{
  "extensionId": "string",
  "list": {
    "isActive": true,
    "listNo": 0,
    "listName": "string",
    "delayListNumber": "string"
  },
  "chos": [
    {
      "delayList": {
        "listName": "string",
        "listNumber": 0
      },
      "chono": 0,
      "anspos": "string",
      "stime": 0,
      "bsycho": 0,
      "onecal": true,
      "orgsel": {
        "intPri": true,

```

```

        "opi": true,
        "pub": true
    },
    "cftpt": true,
    "smssupport": true,
    "dndposition": 0,
    "imsupport": true,
    "efme": true,
    "fme": true,
    "divimmediate": true,
    "divonNoReply": true,
    "divonBusy": true
}
]
}

```

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
  "extensionId": "string",
  "list": [
    {
      "isActive": true,
      "listNo": 0,
      "listName": "string",
      "delayListNumber": "string"
    }
  ],
  "allInactive": true
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

7.8 POST/PM-PERSONAL-NUMBER/V2/CALL-LIST/CHOICE

This POST method is used to add a new call choice into a specific personal number list.

PARAMETERS

- extensionId - The extension ID (string type)
- listNumber – The number list (integer type (\$int32))

REQUEST:

Example Value

```

{
  "delayList": {
    "listName": "string",
    "listNumber": 0
  },
  "chono": 0,
  "anspos": "string",
  "stime": 0,
  "bsycho": 0,
  "onecal": true,
  "orgsel": {
    "intPri": true,

```

```

    "opi": true,
    "pub": true
  },
  "cfipt": true,
  "smssupport": true,
  "dndposition": 0,
  "imsupport": true,
  "efme": true,
  "fme": true,
  "divimmediate": true,
  "divonNoReply": true,
  "divonBusy": true
}

```

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
  "delayList": {
    "listName": "string",
    "listNumber": 0
  },
  "chono": 0,
  "anspos": "string",
  "stime": 0,
  "bsycho": 0,
  "onecal": true,
  "orgsel": {
    "intPri": true,
    "opi": true,
    "pub": true
  },
  "cfipt": true,
  "smssupport": true,
  "dndposition": 0,
  "imsupport": true,
  "efme": true,
  "fme": true,
  "divimmediate": true,
  "divonNoReply": true,
  "divonBusy": true
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

7.9 PUT/PM-PERSONAL-NUMBER/V2/{EXTENSIONID}

This PUT method is used to update personal list related details.

PARAMETERS

- extensionId - The extension ID (string type)

REQUEST:

Example Value

```

{
  "extensionId": "string",
  "list": [
    {

```

```

    "isActive": true,
    "listNo": 0,
    "listName": "string",
    "delayListNumber": "string"
  }
],
"allInactive": true
}

```

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
  "extensionId": "string",
  "list": [
    {
      "isActive": true,
      "listNo": 0,
      "listName": "string",
      "delayListNumber": "string"
    }
  ],
  "allInactive": true
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

7.10 PUT/PM-PERSONAL-NUMBER/V2/CALL-LIST/CHOICE

This PUT method is used to update a call choice number related to a specific choice number.

PARAMETERS

- extensionId - The extension ID (string type)
- listNumber – The number list (integer type (\$int32))

REQUEST:

Example Value

```

{
  "delayList": {
    "listName": "string",
    "listNumber": 0
  },
  "chono": 0,
  "anspos": "string",
  "stime": 0,
  "bsycho": 0,
  "onecal": true,
  "orgsel": {
    "intPri": true,
    "opi": true,
    "pub": true
  },
  "cfipt": true,
  "smssupport": true,
  "dndposition": 0,
  "imsupport": true,
  "efme": true,

```

```

"fme": true,
"divimmediate": true,
"divonNoReply": true,
"divonBusy": true
}

```

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
  "delayList": {
    "listName": "string",
    "listNumber": 0
  },
  "chono": 0,
  "anspos": "string",
  "stime": 0,
  "bsycho": 0,
  "onecal": true,
  "orgsel": {
    "intPri": true,
    "opi": true,
    "pub": true
  },
  "cfipt": true,
  "smssupport": true,
  "dndposition": 0,
  "imsupport": true,
  "efme": true,
  "fme": true,
  "divimmediate": true,
  "divonNoReply": true,
  "divonBusy": true
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

7.11 PUT/PM-PERSONAL-NUMBER/V1/{EXTENSIONID}

This PUT method is used to update the personal number details related to a specific extensionId.

PARAMETERS

- extensionId - The extension ID (string type)

REQUEST:

Example Value

```

{
  "extensionId": "string",
  "personalNumberVO": {
    "pelp": {
      "lists": [
        {
          "listName": "string",
          "delayListNumber": "string",
          "listno": 0,
          "chos": [
            {
              "delayList": {

```

```

        "listName": "string",
        "listNumber": 0
    },
    "chono": 0,
    "anspos": "string",
    "stime": 0,
    "bsycho": 0,
    "onecal": true,
    "orgsel": {
        "intPri": true,
        "opi": true,
        "pub": true
    },
    "cfipt": true,
    "smssupport": true,
    "dndposition": 0,
    "imsupport": true,
    "efme": true,
    "fme": true,
    "divimmediate": true,
    "divonNoReply": true,
    "divonBusy": true
    }
    ]
    }
    ],
    "dir": "string",
    "cust": "string"
},
"susi": {
    "activeDiversions": {
        "activeDiversion": [
            "string"
        ]
    },
    "listno": "string",
    "rou": {
        "rouname": "string",
        "rounumber": "string"
    },
    "lineStatus": "string",
    "hardware": {
        "description": "string",
        "position": "string"
    },
    "trafficStatus": {
        "trafficState": "string",
        "odnstatus": "string"
    },
    "additionalInfo": {
        "directoryState": "string",
        "fre": "string",
        "publicNumber": "string",
        "ecf": "string",
        "authlock": "string",
        "mmw": "string",
        "rdc": "string",
        "list": "string",
        "fme": "string"
    },
    "tru": "string",
    "dir": "string"
},
"pelc": {
    "frt": "string",
    "dispcomp": "string",
    "dispidle": "string",
    "dir": "string",
    "fme": "string"
}

```

```

    },
    "dir": "string"
  }
}

```

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```

{
  "extensionId": "string",
  "personalNumberV0": {
    "pelp": {
      "lists": [
        {
          "listName": "string",
          "delayListNumber": "string",
          "listno": 0,
          "chos": [
            {
              "delayList": {
                "listName": "string",
                "listNumber": 0
              },
              "chono": 0,
              "anspos": "string",
              "stime": 0,
              "bsycho": 0,
              "onecal": true,
              "orgsel": {
                "intPri": true,
                "opi": true,
                "pub": true
              },
              "cfipt": true,
              "smssupport": true,
              "dndposition": 0,
              "imsupport": true,
              "efme": true,
              "fme": true,
              "divimmediate": true,
              "divonNoReply": true,
              "divonBusy": true
            }
          ]
        }
      ]
    },
    "dir": "string",
    "cust": "string"
  },
  "susi": {
    "activeDiversions": {
      "activeDiversion": [
        "string"
      ]
    },
    "listno": "string",
    "rou": {
      "rouname": "string",
      "rounumber": "string"
    },
    "lineStatus": "string",
    "hardware": {
      "description": "string",
      "position": "string"
    },
    "trafficStatus": {
      "trafficState": "string",

```



```

    "odnstatus": "string"
  },
  "additionalInfo": {
    "directoryState": "string",
    "fre": "string",
    "publicNumber": "string",
    "ecf": "string",
    "authlock": "string",
    "mmw": "string",
    "rdc": "string",
    "list": "string",
    "fme": "string"
  },
  "tru": "string",
  "dir": "string"
},
"pelc": {
  "frt": "string",
  "disponp": "string",
  "dispidle": "string",
  "dir": "string",
  "fme": "string"
},
"dir": "string"
}
}

```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

8. GROUP SETUP API

The Group Setup API is used to manage group setup details in PM.

NOTE: To use the methods listed under the Group Setup API, the user must have a valid authorization token.

To authorize the Group Setup API, do the following:

1. Select **pm-extension** from the **Select a definition** drop-down list, click **Authorize** and in the dialog box that appears, enter the authorization token generated in Authentication API.
2. Click **Authorize** and the authentication is complete.

NOTE: User access to the various methods in an API is restricted by the privileges included in the user's security profile. For more information about the types of users, see the chapter *User Types* in the *MiVoice MX-ONE Provisioning Manager – Description* document.

8.1 GET/PM-GROUP-SETUP/V1/{EXTENSIONNUMBER}

This GET method is used to get the group setup details related to a specific extension number.

PARAMETERS

- extensionNumber - The extension number (integer type (\$int32))

RESPONSES:

VALID RESPONSE: 200 OK

Example Value

```
{
  "extensionId": "string",
  "groupSetupVO": {
    "dir": "string",
    "groupBelongingsVO": {
      "pickupGroup": {
        "name": "string",
        "grp": "string"
      },
      "doNotDisturbGroup": {
        "name": "string",
        "grp": "string"
      },
      "dir": "string"
    },
    "huntGroups": [
      {
        "grp": "string"
      }
    ]
  }
}
```

ERROR RESPONSES:

- 400 Bad Request
- 401 Authentication Failure
- 403 Forbidden
- 404 Not found

