

# Resource data model & schema

The data model of the Soffid objects is mapped to JSON objects to enable the data transport between client and server.

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# User resource

## /User

## Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/User.html>

Soffid allows you to add customized data to the user object. You can do that on metadata, on the proper object.

Main Menu > Administration > Configure Soffid > Global Settings > Metadata

## Query schema

It is allowed to consult all the User definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.User
```

### Response 200 OK

```
{
  "meta": {
    "location": "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.User",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ]
}
```

```
],
"name": "User",
"description": "User object",
"attributes": [
  {
    "subattributes": [
      {
        "uniqueness": "none",
        "name": "NIF",
        "description": "NIF",
        "mutability": "readWrite",
        "type": "string",
        "caseExact": true,
        "returned": "default",
        "multiValued": false,
        "required": false
      },
      {
        "uniqueness": "none",
        "name": "PHONE",
        "description": "PHONE",
        "canonicalValues": [
          "1",
          "2",
          "3"
        ],
        "mutability": "readWrite",
        "type": "string",
        "caseExact": true,
        "returned": "default",
        "multiValued": false,
        "required": false
      },
      {
        "uniqueness": "none",
        "name": "manager",
        "description": "Manager",
        "mutability": "readWrite",
        "type": "string",
```

```
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "Contrat_type",
  "description": "Contract type",
  "canonicalValues": [
    "T",
    "I",
    "F",
    "S"
  ],
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "RegisterServiceProvider",
  "description": "RegisterServiceProvider",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "EMAIL",
  "description": "External email",
  "mutability": "readWrite",
  "type": "string",
```

```
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "ActivationKey",
  "description": "ActivationKey",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "picture",
  "description": "Fotografía",
  "mutability": "readWrite",
  "type": "binary",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "birthDate",
  "description": "Birth date",
  "mutability": "readWrite",
  "type": "dateTime",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
```

```
"uniqueness": "none",
"name": "language",
"description": "Languages spoken by the user",
"canonicalValues": [
  "Spanish",
  "English",
  "German"
],
"mutability": "readWrite",
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": true,
"required": false
},
{
  "uniqueness": "none",
  "name": "country",
  "description": "Country",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
}
],
"uniqueness": "none",
"name": "attributes",
"description": "Custom attributes",
"mutability": "readWrite",
"type": "complex",
"returned": "default",
"multiValued": false
},
{
  "uniqueness": "none",
  "name": "userName",
  "description": "User name",
```

```
"mutability": "readWrite",
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": true
},
{
  "uniqueness": "none",
  "name": "firstName",
  "description": "First name",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "lastName",
  "description": "Last Name",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "middleName",
  "description": "Middle name",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
}
```

```
},
{
  "uniqueness": "none",
  "name": "fullName",
  "description": "Full name",
  "mutability": "readOnly",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "userType",
  "description": "Type",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "primaryGroup",
  "description": "Primary group",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "homeServer",
  "description": "Home server",
  "mutability": "readWrite",
```



```
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "profileServer",
  "description": "Profile server",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "emailAddress",
  "description": "Internal eMail",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "mailAlias",
  "description": "Mail alias",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
```

```
{
  "uniqueness": "none",
  "name": "mailServer",
  "description": "Mail server",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "active",
  "description": "Enabled",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "multiSession",
  "description": "Multi session",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "comments",
  "description": "Comments",
  "mutability": "readWrite",
  "type": "string",
```

```
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "createdByUser",
  "description": "Created by",
  "mutability": "readOnly",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "createdDate",
  "description": "Created on",
  "mutability": "readOnly",
  "type": "dateTime",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "modifiedByUser",
  "description": "Modifid by",
  "mutability": "readOnly",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
```

```
"uniqueness": "none",
"name": "modifiedDate",
"description": "Modified last on",
"mutability": "readOnly",
"type": "dateTime",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "subattributes": [
    {
      "uniqueness": "none",
      "name": "domain",
      "description": "Password domain to be changed. By default, the DEFAULT domain is changed",
      "mutability": "writeOnly",
      "type": "string",
      "caseExact": true,
      "multiValued": false,
      "required": false
    },
    {
      "uniqueness": "none",
      "name": "value",
      "description": "The password itself, in clear text",
      "mutability": "writeOnly",
      "type": "string",
      "caseExact": true,
      "multiValued": false,
      "required": true
    },
    {
      "uniqueness": "none",
      "name": "expired",
      "description": "If not set to false, the user will be prompted to change it on next logon",
      "mutability": "readWrite",
      "type": "boolean",
      "caseExact": true,
```

```
        "multiValued": false,  
        "required": false  
      }  
    ],  
    "uniqueness": "none",  
    "name": "password",  
    "description": "Change current user password",  
    "mutability": "writeOnly",  
    "type": "complex",  
    "caseExact": true,  
    "multiValued": true,  
    "required": false  
  }  
],  
  "id": "urn:soffid:com.soffid.iam.api.User"  
}
```

## Full JSON example

Visit [SCIM User examples](#) page

# Group resource

## /Group

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/Group.html>

Soffid allows you to add customized data to the group object. You can do that on the metadata option:

Main Menu > Administration > Configure Soffid > Global Settings > Metadata

## Query Schema

It is allowed to consult all the Group definitions using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Group
```

### Response 200 OK

```
{
  "meta": {
    "location": "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Group",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ]
}
```

```
],  
"name": "Group",  
"description": "Group object",  
"attributes": [  
  {  
    "uniqueness": "none",  
    "name": "name",  
    "mutability": "readWrite",  
    "type": "string",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": true  
  },  
  {  
    "uniqueness": "none",  
    "name": "description",  
    "mutability": "readWrite",  
    "type": "string",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": true  
  },  
  {  
    "uniqueness": "none",  
    "name": "driveLetter",  
    "mutability": "readWrite",  
    "type": "string",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": false  
  },  
  {  
    "uniqueness": "none",  
    "name": "parentGroup",  
    "mutability": "readWrite",  
    "type": "string",
```

```
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "type",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "driveServerName",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "obsolete",
    "mutability": "readWrite",
    "type": "boolean",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  }
],
"id": "urn:soffid:com.soffid.iam.api.Group"
}
```



# Full JSON example

Visit [SCIM Group examples](#) page

# Account resource

## /Account

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/Account.html>

Soffid allows you to add customized data to the Account object. You can do that on metadata option:

Main Menu > Administration > Configure Soffid > Global Settings > Metadata

## Query Schema

It is allowed to consult all the Account definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Account
```

### Response 200 OK

```
{
  "meta": {
    "location": "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Account",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ]
}
```

```
],
"name": "Account",
"description": "Account object",
"attributes": [
  {
    "uniqueness": "none",
    "name": "system",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": true
  },
  {
    "uniqueness": "none",
    "name": "name",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": true
  },
  {
    "uniqueness": "none",
    "name": "description",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "type",
    "canonicalValues": [
      "U",
```

```
    "S",
    "P",
    "I"
  ],
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "status",
  "canonicalValues": [
    "a",
    "d",
    "FA",
    "FD",
    "r",
    "I"
  ],
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "passwordPolicy",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
```

```
{
  "uniqueness": "none",
  "name": "ownerGroups",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "ownerUsers",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "ownerRoles",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "managerGroups",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
}
```

```
},
{
  "uniqueness": "none",
  "name": "managerUsers",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "managerRoles",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "grantedGroups",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "grantedUsers",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
```

```
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "grantedRoles",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": true,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "serverType",
    "canonicalValues": [
      "Windows",
      "Linux",
      "Database"
    ],
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "serverName",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
```

```
"name": "vaultFolderId",
"mutability": "readWrite",
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "inheritNewPermissions",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "loginUrl",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "loginName",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
```



```
"uniqueness": "none",
"name": "launchType",
"canonicalValues": [
  "S",
  "W",
  "P"
],
"mutability": "readWrite",
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "jumpServerGroup",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "created",
  "mutability": "readOnly",
  "type": "dateTime",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "lastLogin",
  "mutability": "readOnly",
  "type": "dateTime",
```

```
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "lastUpdated",
  "mutability": "readOnly",
  "type": "dateTime",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "lastPasswordSet",
  "mutability": "readOnly",
  "type": "dateTime",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "passwordExpiration",
  "mutability": "readOnly",
  "type": "dateTime",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "lockedBy",
  "mutability": "readOnly",
```

```
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "passwordStatus",
  "mutability": "readOnly",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "subattributes": [
    {
      "uniqueness": "none",
      "name": "value",
      "description": "The password itself, in clear text",
      "mutability": "writeOnly",
      "type": "string",
      "caseExact": true,
      "multiValued": false,
      "required": true
    },
    {
      "uniqueness": "none",
      "name": "expired",
      "description": "If not set to false, the user will be prompted to change it on next logon",
      "mutability": "readWrite",
      "type": "boolean",
      "caseExact": true,
      "multiValued": false,
      "required": false
    }
  ]
},
```

```
    "uniqueness": "none",
    "name": "password",
    "description": "Change current account password",
    "mutability": "writeOnly",
    "type": "complex",
    "caseExact": true,
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "attributes",
    "mutability": "readWrite",
    "type": "complex",
    "caseExact": true,
    "multiValued": false,
    "required": false
  }
],
"id": "urn:soffid:com.soffid.iam.api.Account"
}
```

## Full JSON example

Visit [SCIM Account examples](#) page

# Application resource

## /Application (addon version 1.2.0+)

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/Application.html>

Soffid allows you to add customized data to the Application object. You can do that on metadata option:

Main Menu > Administration > Configure Soffid > Global Settings > Metadata

## Query Schema

It is allowed to consult all the Application definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Application
```

### Response 200 OK

```
{
  "meta": {
    "location":
      "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Application",
    "resourceType": "Schema"
  }
}
```

```
},
"schemas": [
  "urn:ietf:params:scim:schemas:core:2.0:Schema"
],
"name": "Application",
"description": "Application object",
"attributes": [
  {
    "uniqueness": "none",
    "name": "type",
    "canonicalValues": [
      "container",
      "application",
      "business"
    ],
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "parent",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "relativeName",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
```

```
"multiValued": false,
"required": true
},
{
  "uniqueness": "none",
  "name": "description",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "source",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "owner",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "executable",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
```

```
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "database",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "ownerName",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "bpmEnabled",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "notificationEmails",
  "mutability": "readWrite",
  "type": "string",
```



```
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "approvalProcess",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "roleDefinitionProcess",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "singleRole",
    "mutability": "readWrite",
    "type": "boolean",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  }
],
"id": "urn:soffid:com.soffid.iam.api.Application"
}
```

# Full JSON example

Visit [SCIM Application examples](#) page

# Role resource

## /Role (addon version 1.2.0+)

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/Role.html>

Soffid allows you to add customized data to the Role object. You can do that on metadata option:

Main Menu > Administration > Configure Soffid > Global Settings > Metadata

## Query schema

It is allowed to consult all the Role definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Role
```

### Response 200 OK

```
{
  "meta": {
    "location": "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Role",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ]
}
```

```
],
"name": "Role",
"description": "Role object",
"attributes": [
  {
    "uniqueness": "none",
    "name": "name",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": true
  },
  {
    "uniqueness": "none",
    "name": "description",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": true
  },
  {
    "uniqueness": "none",
    "name": "system",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": true
  },
  {
    "uniqueness": "none",
    "name": "category",
    "mutability": "readWrite",
    "type": "string",
```

```
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "informationSystemName",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "domain",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "bpmEnabled",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "approvalStart",
  "mutability": "readOnly",
```

```
    "type": "dateTime",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "approvalEnd",
    "mutability": "readOnly",
    "type": "dateTime",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  }
],
"id": "urn:soffid:com.soffid.iam.api.Role"
}
```

## Full JSON example

Visit [SCIM Role examples](#) page

# Group type resource

## /OUType

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/OUType.html>

## Query Schema

It is allowed to consult all the Group Type definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.OUType
```

### Response 200 OK

```
{
  "meta": {
    "location": "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.OUType",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ],
  "name": "OUType",
  "description": "OUType object",
  "attributes": [
    {
      "uniqueness": "none",
```

```
    "name": "name",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": true
  },
  {
    "uniqueness": "none",
    "name": "description",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "id",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "roleHolder",
    "mutability": "readWrite",
    "type": "boolean",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  }
],
```



```
"id": "urn:soffid:com.soffid.iam.api.OUType"  
}
```

# Full JSON example

Visit [SCIM Group type examples](#) page

# User type resource

## /UserType

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/UserType.html>

## Query Schema

It is allowed to consult all the User Type definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.UserType
```

### Response 200 OK

```
{
  "meta": {
    "location":
      "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.UserType",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ],
  "name": "UserType",
  "description": "UserType object",
  "attributes": [
    {
```

```
"uniqueness": "none",
"name": "id",
"mutability": "readWrite",
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "name",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "description",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "unmanaged",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
}
```

```
1,  
  "id": "urn:soffid:com.soffid.iam.api.UserType"  
}
```

# Full JSON example

Visit [SCIM User type examples](#) page

# GroupUser resource

## /GroupUser

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/GroupUser.html>

Soffid allows you to add customized data to the GroupUser object. You can do that on metadata option:

Main Menu > Administration > Configure Soffid > Global Settings > Metadata

## Query Schema

It is allowed to consult all the GroupUser definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.GroupUser
```

### Response 200 OK

```
{
  "meta": {
    "location":
    "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.GroupUser",
    "resourceType": "Schema"
  },
  "schemas": [
```

```
"urn:ietf:params:scim:schemas:core:2.0:Schema"
],
"name": "GroupUser",
"description": "GroupUser object",
"attributes": [
  {
    "subattributes": [
      {
        "uniqueness": "none",
        "name": "startDate",
        "description": "Start date (2)",
        "mutability": "readWrite",
        "type": "dateTime",
        "caseExact": true,
        "returned": "default",
        "multiValued": false,
        "required": false
      },
      {
        "uniqueness": "none",
        "name": "comments",
        "description": "Comments",
        "mutability": "readWrite",
        "type": "string",
        "caseExact": true,
        "returned": "default",
        "multiValued": false,
        "required": false
      }
    ],
    "uniqueness": "none",
    "name": "attributes",
    "description": "Custom attributes",
    "mutability": "readWrite",
    "type": "complex",
    "returned": "default",
    "multiValued": false
  },
  {
```

```
    "uniqueness": "none",
    "name": "user",
    "description": "User",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": true
  },
  {
    "uniqueness": "none",
    "name": "group",
    "description": "Group",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": true
  }
],
"id": "urn:soffid:com.soffid.iam.api.GroupUser"
}
```

## Full JSON example

Visit [SCIM GroupUser examples](#) page

# RoleAccount resource

## /RoleAccount

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/RoleAccount.html>

## Query Schema

It is allowed to consult all the RoleAccount definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/ResourceTypes/RoleAccount
```

### Response 200 OK

```
{
  "meta": {
    "location":
      "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.RoleAccount",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ],
  "name": "RoleAccount",
  "description": "RoleAccount object",
  "attributes": [
    {
```



```
"uniqueness": "none",
"name": "accountId",
"mutability": "readWrite",
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "accountName",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "accountSystem",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "roleName",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
```

```
{
  "uniqueness": "none",
  "name": "roleCategory",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "informationSystemName",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "roleDescription",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "id",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
}
```

```
},
{
  "uniqueness": "none",
  "name": "userFullName",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "groupDescription",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "domainValue",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "system",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
```

```
"required": false
},
{
  "uniqueness": "none",
  "name": "userGroupCode",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "bpmEnforced",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "userCode",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "ruleId",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
```

```
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "ruleDescription",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "sodRisk",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "sodRules",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "startDate",
  "mutability": "readWrite",
  "type": "dateTime",
  "caseExact": true,
```

```
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "endDate",
  "mutability": "readWrite",
  "type": "dateTime",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "enabled",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "approvalPending",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "removalPending",
  "mutability": "readWrite",
  "type": "boolean",
```

```
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "holderGroup",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "approvalProcess",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "certificationDate",
  "mutability": "readWrite",
  "type": "dateTime",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "parentGrant",
  "mutability": "readWrite",
```

```
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "delegationStatus",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "ownerAccount",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "delegateAccount",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "delegateSince",
```



```
    "mutability": "readWrite",
    "type": "dateTime",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "delegateUntil",
    "mutability": "readWrite",
    "type": "dateTime",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  }
],
"id": "urn:soffid:com.soffid.iam.api.RoleAccount"
}
```

## Full JSON example

Visit [SCIM RoleAccount examples](#) page

# Host resource

## /Host

## Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/Host.html>

Soffid allows you to add customized data to the user object. You can do that on metadata, on the proper object.

Main Menu > Administration > Configure Soffid > Global Settings > Metadata

## Query Schema

It is allowed to consult all the Host definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Host
```

### Response 200 OK

```
{
  "meta": {
    "location": "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Host",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ]
}
```

```
],
"name": "Host",
"description": "Host object",
"attributes": [
  {
    "uniqueness": "none",
    "name": "name",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": true
  },
  {
    "uniqueness": "none",
    "name": "description",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "networkCode",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "dhcp",
    "mutability": "readWrite",
    "type": "string",
```

```
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "ip",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "os",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "mail",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "office",
  "mutability": "readWrite",
```

```
"type": "boolean",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "mac",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "hostAlias",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "printersServer",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "dynamicIp",
```

```
    "mutability": "readWrite",
    "type": "boolean",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "serialNumber",
    "mutability": "readOnly",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "lastSeen",
    "mutability": "readOnly",
    "type": "dateTime",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  }
],
"id": "urn:soffid:com.soffid.iam.api.Host"
}
```

## Full JSON example

Visit [SCIM Host examples](#) page

# MailList resource

## /MailList

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/MailList.html>

Soffid allows you to add customized data to the user object. You can do that on metadata, on the proper object.

Main Menu > Administration > Configure Soffid > Global Settings > Metadata

## Query Schema

It is allowed to consult all the MailList definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.MailList
```

### Response 200 OK

```
{
  "meta": {
    "location": "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.MailList",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ]
}
```

```
],
"name": "MailList",
"description": "MailList object",
"attributes": [
  {
    "uniqueness": "none",
    "name": "name",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": true
  },
  {
    "uniqueness": "none",
    "name": "domainName",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": true
  },
  {
    "uniqueness": "none",
    "name": "description",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "lists",
    "mutability": "readWrite",
    "type": "string",
```



```
"caseExact": true,
"returned": "default",
"multiValued": true,
"required": false
},
{
  "uniqueness": "none",
  "name": "externalList",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "roleMembers",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "groupMembers",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "usersList",
  "mutability": "readWrite",
```

```
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": true,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "listsBelong",
    "mutability": "readOnly",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "explodedUsersList",
    "mutability": "readOnly",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": true,
    "required": false
  }
],
"id": "urn:soffid:com:soffid.iam.api.MailList"
}
```

## Full JSON example

Visit [SCIM MailList examples](#) page.

# MailDomain resource

## /MailDomain

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/MailDomain.html>

## Query Schema

It is allowed to consult all the MailDomain definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.MailDomain
```

### Response 200 OK

```
{
  "meta": {
    "location":
      "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.MailDomain",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ],
  "name": "MailDomain",
  "description": "MailDomain object",
  "attributes": [
    {
```

```
"uniqueness": "none",
"name": "name",
"mutability": "readWrite",
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": true
},
{
  "uniqueness": "none",
  "name": "description",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "id",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "obsolete",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
}
```

```
1,  
  "id": "urn:soffid:com.soffid.iam.api.MailDomain"  
}
```

## Full JSON example

Visit [SCIM MailDomain examples](#) page.

# Network resource

## /Network

## Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/Network.html>

## Query Schema

It is allowed to consult all the Network definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Network
```

### Response 200

```
{
  "meta": {
    "location": "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Network",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ],
  "name": "Network",
  "description": "Network object",
  "attributes": [
    {
```

```
"uniqueness": "none",
"name": "name",
"mutability": "readWrite",
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": true
},
{
  "uniqueness": "none",
  "name": "ip",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "description",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "mask",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
```

```
{
  "uniqueness": "none",
  "name": "lanAccess",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "dhcp",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "id",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "dhcpSupport",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
}
```



```
},
{
  "uniqueness": "none",
  "name": "loginRestriction",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
}
],
"id": "urn:soffid:com.soffid.iam.api.Network"
}
```

## Full JSON example

Visit [SCIM Network examples](#) page.

# DomainValue resource

## /DomainValue

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/DomainValue.html>

## Query Schema

It is allowed to consult all the DomainValue definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.DomainValue
```

### Response 200 OK

```
{
  "meta": {
    "location":
      "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.DomainValue",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ],
  "name": "DomainValue",
  "description": "DomainValue object",
  "attributes": [
    {
```

```
"uniqueness": "none",
"name": "value",
"mutability": "readWrite",
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "id",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "description",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "domainName",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
```

```
{
  "uniqueness": "none",
  "name": "externalCodeDomain",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
}
],
"id": "urn:soffid:com.soffid.iam.api.DomainValue"
}
```

## Full JSON example

Visit [SCIM DomainValue examples](#) page.

# VaultFolder resource

## /VaultFolder

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/VaultFolder.html>

## Query Schema

It is allowed to consult all the VaultFolder definitions using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.VaultFolder
```

### Response 200 OK

```
{
  "meta": {
    "location":
      "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.VaultFolder",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ],
  "name": "VaultFolder",
  "description": "VaultFolder object",
```

```
"attributes": [  
  {  
    "uniqueness": "none",  
    "name": "name",  
    "mutability": "readWrite",  
    "type": "string",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": true  
  },  
  {  
    "uniqueness": "none",  
    "name": "personal",  
    "mutability": "readWrite",  
    "type": "boolean",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": true  
  },  
  {  
    "uniqueness": "none",  
    "name": "description",  
    "mutability": "readWrite",  
    "type": "string",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": true  
  },  
  {  
    "uniqueness": "none",  
    "name": "parentId",  
    "mutability": "readWrite",  
    "type": "string",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": true  
  }  
]
```

```
"required": false
},
{
  "uniqueness": "none",
  "name": "parentFolder",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "grantedGroups",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "grantedUsers",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "grantedRoles",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
```

```
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "managerGroups",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "managerUsers",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "managerRoles",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "ownerGroups",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
```



```
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "ownerUsers",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "ownerRoles",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "navigateGroups",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "navigateUsers",
  "mutability": "readWrite",
  "type": "string",
```

```
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": false  
  },  
  {  
    "uniqueness": "none",  
    "name": "navigateRoles",  
    "mutability": "readWrite",  
    "type": "string",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": false  
  },  
  {  
    "uniqueness": "none",  
    "name": "accessLevel",  
    "mutability": "readWrite",  
    "type": "string",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": false  
  }  
],  
  "id": "urn:soffid:com.soffid.iam.api.VaultFolder"  
}
```

## Full JSON example

Visit [SCIM VaultFolder examples](#) page.

# System resource

## /System

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/System.html>

## Query Schema

It is allowed to consult all the System definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.System
```

### Response 200 OK

```
{
  "meta": {
    "location": "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.System",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ],
  "name": "System",
  "description": "System object",
  "attributes": [
    {
      "uniqueness": "none",
```

```
"name": "name",
"mutability": "readWrite",
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": true
},
{
  "uniqueness": "none",
  "name": "description",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "className",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "url",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
```

```
"uniqueness": "none",
"name": "url2",
"mutability": "readWrite",
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "param0",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "param1",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "param2",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
```

```
{
  "uniqueness": "none",
  "name": "param3",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "param4",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "param5",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "param6",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
}
```

```
},  
{  
  "uniqueness": "none",  
  "name": "param7",  
  "mutability": "readWrite",  
  "type": "string",  
  "caseExact": true,  
  "returned": "default",  
  "multiValued": false,  
  "required": false  
},  
{  
  "uniqueness": "none",  
  "name": "param8",  
  "mutability": "readWrite",  
  "type": "string",  
  "caseExact": true,  
  "returned": "default",  
  "multiValued": false,  
  "required": false  
},  
{  
  "uniqueness": "none",  
  "name": "param9",  
  "mutability": "readWrite",  
  "type": "string",  
  "caseExact": true,  
  "returned": "default",  
  "multiValued": false,  
  "required": false  
},  
{  
  "uniqueness": "none",  
  "name": "rolebased",  
  "mutability": "readWrite",  
  "type": "boolean",  
  "caseExact": true,  
  "returned": "default",  
  "multiValued": false,
```

```
"required": false
},
{
  "uniqueness": "none",
  "name": "trusted",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "userTypes",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "groups",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "groupsList",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
```



```
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "accessControl",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "passwordsDomainId",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "passwordsDomain",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "usersDomain",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
```

```
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "readOnly",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "fullReconciliation",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "generateTasksOnLoad",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "databaseReplicaId",
  "mutability": "readWrite",
  "type": "string",
```

```
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "authoritative",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "blobParam",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "timeStamp",
  "mutability": "readWrite",
  "type": "dateTime",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "authoritativeProcess",
  "mutability": "readWrite",
```

```
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "manualAccountCreation",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "sharedDispatcher",
  "mutability": "readWrite",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "threads",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "timeout",
```

```
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "longTimeout",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "tenant",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  }
],
"id": "urn:soffid:com.soffid.iam.api.System"
}
```

## Full JSON example

Visit [SCIM System examples](#) page.



# CustomObject resource

## /CustomObject

## Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/api/CustomObject.html>

## Query Schema

It is allowed to consult all the CustomObject definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.CustomObject
```

### Response 200 OK

```
{
  "meta": {
    "location":
      "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.CustomObject",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ],
  "name": "CustomObject",
  "description": "CustomObject object",
  "attributes": [
```

```
{
  "uniqueness": "none",
  "name": "id",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "name",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "description",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "type",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
}
```



```
},  
{  
  "uniqueness": "none",  
  "name": "attributes",  
  "mutability": "readWrite",  
  "type": "string",  
  "caseExact": true,  
  "returned": "default",  
  "multiValued": false,  
  "required": false  
}  
],  
"id": "urn:soffid:com.soffid.iam.api.CustomObject"  
}
```

## Full JSON example

Visit [SCIM CustomObject examples page](#).

# ProcessDefinition resource

## /ProcessDefinition

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/bpm/api/ProcessDefinition.html>

## Query Schema

It is allowed to consult all the ProcessDefinition definition using the Schema query:

### Request

```
GET http://<your-  
domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.bpm.api.ProcessDefinition
```

### Response 200 OK

```
{  
  "meta": {  
    "location":  
      "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.bpm.api.ProcessDefinition",  
    "resourceType": "Schema"  
  },  
  "schemas": [  
    "urn:ietf:params:scim:schemas:core:2.0:Schema"  
  ],  
  "name": "ProcessDefinition",
```

```
"description": "ProcessDefinition object",
"attributes": [
  {
    "uniqueness": "none",
    "name": "version",
    "mutability": "readOnly",
    "type": "integer",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "tag",
    "mutability": "readOnly",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "name",
    "mutability": "readOnly",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "server",
    "name": "id",
    "mutability": "readOnly",
    "type": "integer",
    "caseExact": true,
    "returned": "default",
```

```
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "enabled",
  "mutability": "readOnly",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "appliesTo",
  "mutability": "readOnly",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "type",
  "mutability": "readOnly",
  "type": "complex",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "deployed",
  "mutability": "readOnly",
  "type": "complex",
  "caseExact": true,
```

```
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "author",
    "mutability": "readOnly",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  }
],
"id": "urn:soffid:com.soffid.iam.bpm.api.ProcessDefinition"
}
```

## Full JSON example

Visit [SCIM ProcessDefinition examples](#) page.

# ProcessInstance resource

## /ProcessInstance

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/bpm/api/ProcessInstance.html>

## QQuery Schema

It is allowed to consult all the ProcessInstance definitions using the Schema query:

### Request

```
GET http://<your-  
domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com:soffid:iam:bpm:api:ProcessInstance
```

### Response 200 OK

```
{  
  "meta": {  
    "location":  
    "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com:soffid:iam:bpm:api:ProcessInstance",  
    "resourceType": "Schema"  
  },  
  "schemas": [  
    "urn:ietf:params:scim:schemas:core:2.0:Schema"  
  ],  
  "name": "ProcessInstance",  
  "description": "ProcessInstance object",
```

```
"attributes": [  
  {  
    "uniqueness": "server",  
    "name": "id",  
    "mutability": "readOnly",  
    "type": "integer",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": false  
  },  
  {  
    "uniqueness": "none",  
    "name": "description",  
    "mutability": "readOnly",  
    "type": "string",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": false  
  },  
  {  
    "uniqueness": "none",  
    "name": "start",  
    "mutability": "readOnly",  
    "type": "complex",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": false  
  },  
  {  
    "uniqueness": "none",  
    "name": "end",  
    "mutability": "readOnly",  
    "type": "complex",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
  }  
]
```

```
"required": false
},
{
  "uniqueness": "none",
  "name": "variables",
  "mutability": "readWrite",
  "type": "complex",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "currentTask",
  "mutability": "readOnly",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "comments",
  "mutability": "readWrite",
  "type": "complex",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "processDefinition",
  "mutability": "immutable",
  "type": "integer",
  "caseExact": true,
  "returned": "default",
```



```
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "dummyProcess",
    "mutability": "readOnly",
    "type": "boolean",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "transition",
    "mutability": "writeOnly",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": true,
    "required": false
  }
],
"id": "urn:soffid:com.soffid.iam.bpm.api.ProcessInstance"
}
```

## Full JSON example

Visit [SCIM ProcessInstance examples page](#).

# TaskInstance resource

## /TaskInstance

### Dictionary table

The diagram service model of the object:

<https://download.soffid.com/doc/console/latest/uml/com/soffid/iam/bpm/api/TaskInstance.html>

## Query Schema

It is allowed to consult all the TaskInstance definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.bpm.api.TaskInstance
```

### Response 200 OK

```
{
  "meta": {
    "location":
      "http://soffid.pat.lab:8080/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.bpm.api.TaskInstance",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ],
  "name": "TaskInstance",
  "description": "TaskInstance object",
```

```
"attributes": [  
  {  
    "uniqueness": "server",  
    "name": "id",  
    "mutability": "readOnly",  
    "type": "integer",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": false  
  },  
  {  
    "uniqueness": "none",  
    "name": "processName",  
    "mutability": "readOnly",  
    "type": "string",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": false  
  },  
  {  
    "uniqueness": "server",  
    "name": "processId",  
    "mutability": "readOnly",  
    "type": "integer",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
    "required": false  
  },  
  {  
    "uniqueness": "none",  
    "name": "processDefinition",  
    "mutability": "readOnly",  
    "type": "integer",  
    "caseExact": true,  
    "returned": "default",  
    "multiValued": false,  
  }  
]
```

```
"required": false
},
{
  "uniqueness": "none",
  "name": "dummyTask",
  "mutability": "readOnly",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "name",
  "mutability": "readOnly",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "description",
  "mutability": "readOnly",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "actorId",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
```

```
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "create",
  "mutability": "readOnly",
  "type": "complex",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "start",
  "mutability": "readOnly",
  "type": "complex",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "end",
  "mutability": "readOnly",
  "type": "complex",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "dueDate",
  "mutability": "readOnly",
  "type": "complex",
  "caseExact": true,
```

```
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "priority",
  "mutability": "readOnly",
  "type": "integer",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "cancelled",
  "mutability": "readOnly",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "open",
  "mutability": "readOnly",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "signalling",
  "mutability": "readOnly",
  "type": "boolean",
```

```
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "blocking",
  "mutability": "readOnly",
  "type": "boolean",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "swimlane",
  "mutability": "readOnly",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "pooledActors",
  "mutability": "readOnly",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "variables",
  "mutability": "readWrite",
```

```
    "type": "complex",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "transitions",
    "mutability": "readOnly",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": true,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "transition",
    "mutability": "writeOnly",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": true,
    "required": false
  }
],
"id": "urn:soffid:com.soffid.iam.bpm.api.TaskInstance"
}
```

## Full JSON example

Visit [SCIM TaskInstance examples](#) page.



# Issue resource

## /Issue

### Dictionary table

## Query Schema

It is allowed to consult all the Issue definition using the Schema query:

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Issue
```

### Response 200 OK

```
{
  "meta": {
    "location":
"http://soffid.35x.lab:8089/soffid/webservice/scim2/v1/Schemas/urn:soffid:com.soffid.iam.api.Issue",
    "resourceType": "Schema"
  },
  "schemas": [
    "urn:ietf:params:scim:schemas:core:2.0:Schema"
  ],
  "name": "Issue",
  "description": "Issue object",
  "attributes": [
    {
      "uniqueness": "none",
```

```
"name": "number",
"mutability": "readOnly",
"type": "integer",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "created",
  "mutability": "readWrite",
  "type": "dateTime",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "type",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "description",
  "mutability": "readOnly",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
```

```
"uniqueness": "none",
"name": "times",
"mutability": "readOnly",
"type": "integer",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": true
},
{
  "uniqueness": "none",
  "name": "status",
  "canonicalValues": [
    "N",
    "A",
    "S",
    "D"
  ],
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": true
},
{
  "uniqueness": "none",
  "name": "acknowledged",
  "mutability": "readWrite",
  "type": "dateTime",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "solved",
  "mutability": "readWrite",
```

```
"type": "dateTime",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "failedLoginPct",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "humanConfidence",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "system",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "otpDevice",
```

```
"mutability": "readWrite",
"type": "string",
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "exception",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "risk",
  "canonicalValues": [
    "L",
    "H",
    "F",
    "N"
  ],
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "roleAccount",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
```

```
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "rule",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "jobName",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "country",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "account",
  "mutability": "readWrite",
  "type": "string",
```

```
"caseExact": true,
"returned": "default",
"multiValued": false,
"required": false
},
{
  "uniqueness": "none",
  "name": "actor",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "loginName",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": false,
  "required": false
},
{
  "uniqueness": "none",
  "name": "hosts",
  "mutability": "readWrite",
  "type": "string",
  "caseExact": true,
  "returned": "default",
  "multiValued": true,
  "required": false
},
{
  "uniqueness": "none",
  "name": "users",
  "mutability": "readWrite",
```

```
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": true,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "performedActions",
    "mutability": "readWrite",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  },
  {
    "uniqueness": "none",
    "name": "requester",
    "mutability": "readOnly",
    "type": "string",
    "caseExact": true,
    "returned": "default",
    "multiValued": false,
    "required": false
  }
],
"id": "urn:soffid:com:soffid.iam.api.Issue"
}
```

## Full JSON example

Visit [SCIM Issue examples page](#)