

## Discover SCIM API capabilities

As shown in the section [Endpoints and supported Operations](#) there are several endpoints that can be used to discover capabilities of the API. This section shows how those endpoints can be used to retrieve information from them.

### Service provider configuration

The following request obtains the service provider configuration.

GET https://<base-address>/scim/ServiceProviderConfig

#### Example response

```
{
2  "authenticationSchemes": [
3    {
4      "name": "OAuth Bearer Token",
5      "description":
6        "Authentication scheme using the OAuth Bearer Token Standard",
7      "specUri": "http://www.rfc-editor.org/info/rfc6750",
8      "documentationUri": "http://help.puzzel.com/id/oauth.html",
9      "type": "oauthbearertoken",
10     "primary": true
11   }
12 ],
13 "meta": {
14   "resourceType": "ServiceProviderConfig",
15   "created": "0001-01-01T00:00:00",
16   "lastModified": "0001-01-01T00:00:00"
17 },
18 "bulk": {
19   "supported": false
20 },
21 "documentationUri": "https://developer.puzzel.com/scim/",
22 "etag": {
23   "supported": false
24 },
25 "filter": {
26   "maxResults": 1000,
27   "supported": true
28 },
29 "changePassword": {
30   "supported": false
31 },
32 "patch": {
33   "supported": true
34 },
35 "sort": {
36   "supported": false
37 },
38 "schemas": [
39   "urn:ietf:params:scim:schemas:core:2.0:ServiceProviderConfig"
40 ]
41 }
```

### Resource types

The following request obtains the supported resource types.


GET https://<base-address>/scim/ResourceTypes

#### Example response

```
{
```

```
2 "schemas": [  
3   "urn:ietf:params:scim:api:messages:2.0:ListResponse"  
4 ],  
5 "totalResults": 1,  
6 "itemsPerPage": 1,  
7 "startIndex": 1,  
8 "Resources": [  
9   {  
10    "endpoint": "/Users",  
11    "name": "User",  
12    "meta": {  
13      "resourceType": "ResourceType"  
14    },  
15    "schema": "urn:ietf:params:scim:schemas:core:2.0:User",  
16    "description": "User account",  
17    "id": "User",  
18    "schemas": [  
19      "urn:ietf:params:scim:schemas:core:2.0:ResourceType"  
20    ]  
21  }  
22 ]  
23 }
```

## Schemas

The following request obtains the supported schemas. 

GET <https://<base-address>/scim/Schemas>

Because of the large size the response is not included in this document.