SCIM Host examples

Operations

This page shows the operations that can be performed for the host object.

List all

Request

```
GET https://<your-domain>/soffid/webservice/scim2/v1/Host
```

Response 200 OK


```
{
   "schemas": [
      "urn:ietf:params:scim:api:messages:2.0:ListResponse"
   ],
   "totalResults": 12,
   "startIndex": 1,
   "Resources": [
      {
         "serialNumber": "soffid.bubu.lab:192.168.133.1",
         "os": "ALT",
         "mail": false,
         "ip": "192.168.133.1",
         "dynamicIp": true,
         "description": "Autocreated on  12/13/20 6:49:34 PM",
         "office": false,
         "lastSeen": "2020-12-13 18:49:34",
         "meta": {
            "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Host/1039055",
            "resourceType": "Host"
         },
```

```
            "networkCode": "internal",
            "schemas": [
                "urn:soffid:com.soffid.iam.am.api.Host"
            ],
            "name": "soffid.bubu.lab",
            "id": 1039055,
            "hostAlias": [],
            "printersServer": false
        },
        {
            "os": "ALT",
            "mail": false,
            "ip": "10.129.120.4",
            "dynamicIp": false,
            "description": "Discovered host iam.soffid.com",
            "office": false,
            "lastSeen": "2021-04-05 20:06:19",
            "meta": {
                "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Host/1793093",
                "resourceType": "Host"
            },
            "networkCode": "lab1",
            "schemas": [
                "urn:soffid:com.soffid.iam.am.api.Host"
            ],
            "name": "iam.soffid.com",
            "id": 1793093,
            "hostAlias": [],
            "printersServer": false
        },
      ........
    ]
}
```


List by filter

List all Hosts with a filter expression.

It is allowed to use pagination and sort the information, for more information visit the Sorting and Pagination information.

Request

```
GET https://<your-domain>/soffid/webservice/scim2/v1/Host?filter=os eq LIN and name co archiva
```

Response 200 OK


```
{
   "schemas": [
      "urn:ietf:params:scim:api:messages:2.0:ListResponse"
   ],
   "totalResults": 1,
   "startIndex": 1,
   "Resources": [
      {
         "os": "LIN",
         "mail": false,
         "ip": "10.129.120.2",
         "dynamicIp": false,
         "description": "Discovered host archiva.dev.lab",
         "office": false,
         "lastSeen": "2021-04-05 20:04:49",
         "meta": {
            "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Host/1793026",
            "resourceType": "Host"
         },
         "networkCode": "lab1",
         "schemas": [
            "urn:soffid:com.soffid.iam.am.api.Host"
         ],
         "name": "archiva.dev.lab",
         "id": 1793026,
         "hostAlias": [],
         "printersServer": false
      }
   ]
}
```

Query by id

Query a Host by its id (primary key).

Request

```
GET https://<your-domain>/soffid/webservice/scim2/v1/Host/1793093
```

Response 200 OK


```
{
   "os": "ALT",
   "mail": false,
   "ip": "10.129.120.4",
   "dynamicIp": false,
   "description": "Discovered host iam.soffid.com",
   "office": false,
   "lastSeen": "2021-04-05 20:06:19",
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Host/1793093",
      "resourceType": "Host"
   },
   "networkCode": "lab1",
   "schemas": [
      "urn:soffid:com.soffid.iam.am.api.Host"
   ],
   "name": "iam.soffid.com",
   "id": 1793093,
   "hostAlias": [],
   "printersServer": false
}
```


Create

Request

```
POST https://<your-domain>/soffid/webservice/scim2/v1/Host
```

JSON

```
{
   "schemas": [
      "urn:soffid:com.soffid.iam.am.api.Host"
   ],
   "name": "billing.dev.lab",
   "description": "Host billing.dev.lab",
   "os": "LIN",
   "mail": false,
   "dynamicIp": false,
   "networkCode": "internal",
   "hostAlias": [
      "aliasHost_1",
      "aliasHost_2"
   ],
   "serialNumber": "123456789",
   "printersServer": false
}
```


Response 201 Created


```
{
   "serialNumber": "123456789",
   "os": "LIN",
   "mail": false,
   "dynamicIp": false,
   "description": "Host billing.dev.lab",
   "office": false,
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Host/1976899",
      "resourceType": "Host"
   },
   "networkCode": "internal",
   "schemas": [
      "urn:soffid:com.soffid.iam.am.api.Host"
   ],
   "name": "billing.dev.lab",
   "id": 1976899,
   "hostAlias": [
     "aliasHost_1",
```

```
      "aliasHost_2"
    ],
    "printersServer": false
}
```

Update partial

Only attributes with changes will be updated, the other will maintain the same value.

Request

```
PATCH https://<your-domain>/soffid/webservice/scim2/v1/Host/1976899
```

JSON

```
{
    "schemas": [
        "urn:soffid:com.soffid.iam.am.api.Host"
    ],
    "Operations": [
        {
            "op": "replace",
            "path": "networkCode",
            "value": "Lab1"
        },
        {
            "op": "add",
            "path": "hostAlias",
            "value": [
                "aliasHost_3",
                "aliasHost_4"
            ]
        }
    ]
}
```

Response 200 OK

```
{
   "serialNumber": "123456789",
   "os": "LIN",
   "mail": false,
   "dynamicIp": false,
   "description": "Host billing.dev.lab",
   "office": false,
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Host/1976899",
      "resourceType": "Host"
   },
   "networkCode": "Lab1",
   "schemas": [
      "urn:soffid:com.soffid.iam.am.api.Host"
   ],
   "name": "billing.dev.lab",
   "id": 1976899,
   "hostAlias": [
      "aliasHost_1",
      "aliasHost_2",
      "aliasHost_3",
      "aliasHost_4"
   ],
   "printersServer": false
}
```


Update all

This operation replaces all values in the Hosts.

- Note that the attribute id is required to confirm that the resource "...Host/<id>" is the same that the JSON Host.
- Note that all the attributes not included in the request will be cleared in the Host type and their data will be lost.
- Note that not all the attributes are updatable, for example, tag meta, avoid these tags.

  For more information visit Resource data model page

Request

```
PUT https://<your-domain>/soffid/webservice/scim2/v1/Host/1976899
```

JSON


```
{
   "schemas": [
      "urn:soffid:com.soffid.iam.am.api.Host"
   ],
   "id": 1976899,
   "name": "billing.dev.lab",
   "description": "Host billing.dev.lab",
   "os": "LIN",
   "mail": false,
   "dynamicIp": false,
   "networkCode": "internal",
   "printersServer": false
}
```


Response 200 OK


```
{
   "os": "LIN",
   "mail": false,
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Host/1976899",
      "resourceType": "Host"
   },
   "networkCode": "internal",
   "schemas": [
      "urn:soffid:com.soffid.iam.am.api.Host"
   ],
   "name": "billing.dev.lab",
   "dynamicIp": false,
   "description": "Host billing.dev.lab",
   "id": 1976899,
   "hostAlias": [],
   "printersServer": false
}
```


Delete

Please note after this delete, the host has to be created again to use it in the next examples.

Request

```
DELETE https://<your-omain>/soffid/webservice/scim2/v1/Host/1976899
```

Response 204 No Content

```
204 No Content
```

Error response

For more information about error response visit

https://bookstack.soffid.com/link/116#bkmrk-error-response

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