

Virtual Identity Microservice

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1. Overview

API for the Virtual Identity Microservice.

1.1. Version information

Version : 1.0

1.2. URI scheme

Host : 10.62.59.155:46015

BasePath : /

1.3. Tags

- virtual-identity-controller-impl : /api/1.0/virtualIdentities

2. Resources

2.1. Virtual-identity-controller-impl

/api/1.0/virtualIdentities

2.1.1. Reserve Virtual Identities

POST /api/1.0/virtualIdentities

Description

Reserve Virtual Identities

Parameters

Type	Name	Description	Schema
Body	reserveIdentities <i>required</i>	reserveIdentities	ReserveIdentities

Responses

HTTP Code	Description	Schema
201	Created	< string > array
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/api/1.0/virtualIdentities
```

Request body

```
{
  "usageId" : "A1B2C3D",
  "identityType" : "MAC",
  "quantityRequested" : 1
}
```

Example HTTP response

Response 201

```
[ "string" ]
```

2.1.2. Get All Virtual Identities

```
GET /api/1.0/virtualIdentities
```

Description

Gets all virtual identities. Query Parameter Filter options by type and/or Usage ID are available, as well as pagination offset and limit.

Parameters

Type	Name	Description	Schema	Default
Query	limit <i>optional</i>	limit	integer (int32)	10
Query	offset <i>optional</i>	offset	integer (int32)	0
Query	type <i>optional</i>		enum (MAC, IQN, WWNN, WWPN)	
Query	usageId <i>optional</i>		string	

Responses

HTTP Code	Description	Schema
200	OK	PagedResult
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/virtualIdentities
```

Request query

```
{
  "limit" : 0,
  "offset" : 0,
  "type" : "string",
  "usageId" : "string"
}
```

Example HTTP response

Response 200

```
{
  "data" : [ "object" ],
  "pages" : {
    "current" : 0,
    "next" : 0,
    "previous" : 0,
    "total" : 0
  },
  "pagination" : {
    "limit" : 0,
    "offset" : 0,
    "total" : 0
  }
}
```

2.1.3. Assign Virtual Identities

PUT /api/1.0/virtualIdentities

Description

Assign Virtual Identities

Parameters

Type	Name	Description	Schema
Body	assignIdentities <i>required</i>	assignIdentities	AssignIdentities

Responses

HTTP Code	Description	Schema
201	Created	No Content
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- /

Example HTTP request

Request path

```
/api/1.0/virtualIdentities
```

Request body

```
{
  "usageId" : "A1B2C3D",
  "virtualIdentities" : [ "string" ]
}
```

2.1.4. Release Virtual Identities by Usage Id

```
DELETE /api/1.0/virtualIdentities
```

Description

Release Virtual Identities by Usage Id

Parameters

Type	Name	Description	Schema
Query	usageId <i>required</i>	usageId	string

Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- /

Example HTTP request

Request path

```
/api/1.0/virtualIdentities
```

Request query

```
{
  "usageId" : "string"
}
```

2.1.5. Get Virtual Identity by Id

```
GET /api/1.0/virtualIdentities/{virtualIdentityId}
```

Description

Get Virtual Identity by Id

Parameters

Type	Name	Description	Schema
Path	virtualIdentityId <i>required</i>	virtualIdentityId	integer (int64)

Responses

HTTP Code	Description	Schema
200	OK	VirtualIdentityResponse
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/1.0/virtualIdentities/0
```

Example HTTP response

Response 200

```
{
  "id" : 0,
  "value" : "string",
  "state" : "string",
  "type" : "string",
  "usageId" : "string",
  "poolId" : 0
}
```

2.1.6. Release Virtual Identity by ID

```
DELETE /api/1.0/virtualIdentities/{virtualIdentityId}
```

Description

Release Virtual Identity by ID

Parameters

Type	Name	Description	Schema
Path	virtualIdentityId <i>required</i>	virtualIdentityId	integer (int64)

Responses

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

• /

Example HTTP request

Request path

```
/api/1.0/virtualIdentities/0
```

3. Definitions

3.1. AssignIdentities

A data transfer object for containing the usageId and a list of virtual identities to be assigned

Name	Description	Schema
usageId <i>optional</i>	Example : "A1B2C3D"	string
virtualIdentities <i>optional</i>	Example : ["string"]	< string > array

3.2. PagedResult

Name	Description	Schema
data <i>optional</i>	Example : ["object"]	< object > array
pages <i>optional</i>	Example : "Pages"	Pages
pagination <i>optional</i>	Example : "Pagination"	Pagination

3.3. Pages

Name	Description	Schema
current <i>optional</i>	Example : 0	integer (int64)
next <i>optional</i>	Example : 0	integer (int64)
previous <i>optional</i>	Example : 0	integer (int64)

Name	Description	Schema
total <i>optional</i>	Example : 0	integer (int64)

3.4. Pagination

Name	Description	Schema
limit <i>optional</i>	Example : 0	integer (int64)
offset <i>optional</i>	Example : 0	integer (int64)
total <i>optional</i>	Example : 0	integer (int64)

3.5. ReserveIdentities

Name	Description	Schema
identityType <i>optional</i>	Example : "MAC"	enum (MAC, IQN, WWPn, WWNN)
quantityRequested <i>optional</i>	Example : 1	integer (int32)
usageId <i>optional</i>	Example : "A1B2C3D"	string

3.6. VirtualIdentityResponse

Name	Description	Schema
id <i>optional</i>	Example : 0	integer (int64)
poolId <i>optional</i>	Example : 0	integer (int64)
state <i>optional</i>	Example : "string"	string
type <i>optional</i>	Example : "string"	string
usageId <i>optional</i>	Example : "string"	string
value <i>optional</i>	Example : "string"	string