

SafeNet Data Protection On Demand 1.9

API REFERENCE GUIDE



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Data Protection on Demand (DPoD) API

Gemalto

Version 1.9.0, 2019-04-05

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Overview

The DPoD API can manage HSM on Demand services.

Version information

Version : 1.9.0

URI scheme

BasePath : /v1

Schemes : HTTPS

Produces

- `application/json`

Security

OAuth2

Type : oauth2

Flow : application

Token URL : /oauth/token

Name	Description
dpod.tenant.spadmin	Service provider tenant administrator
dpod.tenant.admin	Tenant administrator
dpod.tenant.appowner	Application owner
dpod.tenant.api_appowner	Application owner credentials
dpod.tenant.api_service	Service credentials
dpod.tenant.spadmin.unverified	Unverified Service Provider Administrator
dpod.tenant.admin.unverified	Unverified Tenant Administrator
dpod.tenant.appowner.unverified	Unverified Application Owner

Paths

Credentials Management Service API

Create API-level client credentials

POST /credentials/clients

Description

Creates API-level client credentials.

Parameters

Type	Name	Description	Schema
Body	clientCreateParams <i>required</i>	Details of the client to create.	clientCreateParams

clientCreateParams

Name	Description	Schema
name <i>required</i>	The name to be assigned to the client. Length : 1 - 64	string
role <i>required</i>	The role to be assigned to the client.	enum (appowner, service)
serviceIds <i>optional</i>	The service ID(s) which the client is allowed to access (only applicable to service-scoped clients).	< string (uuid) > array
subscriberGroups <i>optional</i>	The subscriber groups to which the client would belong.	< string (uuid) > array

Responses

HTTP Code	Description	Schema
200	New API-level client credentials.	Response 200
403	Unauthorized to access this endpoint	Response 403

Response 200

Name	Description	Schema
clientId <i>optional</i>	The client ID used for DPoD authentication.	string (uuid)
clientSecret <i>optional</i>	The client secret used for DPoD authentication.	string
createdAt <i>optional</i>	Date/time the resource was created.	string
createdBy <i>optional</i>	Username of the user who created the client.	string
name <i>optional</i>	The name assigned to the client.	string
role <i>required</i>	The type of client credentials.	enum (appowner, service)
serviceIds <i>optional</i>	The service ID(s) which the client is allowed to access (only applicable to service-scoped clients).	< string (uuid) > array

Response 403

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Consumes

- `application/json`

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner

List clients

GET /credentials/clients

Description

Lists all clients.

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	Page number to retrieve, starting at 0.	integer
Query	role <i>optional</i>	The type of client credentials.	enum (appowner, service)
Query	serviceIds <i>optional</i>	The service ID(s) which the client is allowed to access (only applicable to service-scoped clients).	< string (uuid) > array
Query	size <i>optional</i>	Number of results per page.	integer

Responses

HTTP Code	Description	Schema
200	A list of credentials.	Response 200
default	Unexpected error.	Response default

Response 200

Name	Description	Schema
content <i>optional</i>	The array of clients created.	< content > array
number <i>required</i>	Current page number out of a total of 'totalPages'.	integer
size <i>required</i>	Number of elements in this response.	integer

Name	Description	Schema
totalElements <i>required</i>	Total number of elements.	integer (int64)
totalPages <i>required</i>	Total number of pages.	integer

content

Name	Description	Schema
clientId <i>optional</i>	The client ID used for DPoD authentication.	string (uuid)
clientSecret <i>optional</i>	The client secret used for DPoD authentication.	string
createdAt <i>optional</i>	Date/time the resource was created.	string
createdBy <i>optional</i>	Username of the user who created the client.	string
name <i>optional</i>	The name assigned to the client.	string
role <i>required</i>	The type of client credentials.	enum (appowner, service)
serviceIds <i>optional</i>	The service ID(s) which the client is allowed to access (only applicable to service-scoped clients).	< string (uuid) > array

Response default

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.admin

Delete clients

```
DELETE /credentials/clients
```

Description

Deletes all the platform credentials attached to the subscriber group. This is an internal call.

Parameters

Type	Name	Description	Schema
Body	clientsDeleteParams <i>required</i>	Details to identify the clients to delete.	clientsDeleteParams

clientsDeleteParams

Name	Description	Schema
sguid <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
204	Client(s) deleted successfully.	No Content
default	Unexpected error.	Response default

Response default

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string

Name	Schema
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Consumes

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.admin, dpod.tenant.spadmin

Get details of the specified client

```
GET /credentials/clients/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
200	Details of the client associated with the provided ID.	Response 200
404	Client does not exist.	No Content

Response 200

Name	Description	Schema
clientId <i>optional</i>	The client ID used for DPoD authentication.	string (uuid)
clientSecret <i>optional</i>	The client secret used for DPoD authentication.	string
createdAt <i>optional</i>	Date/time the resource was created.	string
createdBy <i>optional</i>	Username of the user who created the client.	string
name <i>optional</i>	The name assigned to the client.	string
role <i>required</i>	The type of client credentials.	enum (appowner, service)
serviceIds <i>optional</i>	The service ID(s) which the client is allowed to access (only applicable to service-scoped clients).	< string (uuid) > array

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.admin, dpod.tenant.appowner

Example HTTP response

Response 200

```

name: test
clientId: d618000d-2c9c-4ca6-b05e-2c2583fb1736
clientSecret: HKDvZwR1LLqU2WypnLKhGYa9RNqFtokRJzzS0gMRL71f61Y12T38buVyUeMTxBeV
role: appowner
createdAt: Tue May 15 19:58:30 UTC 2018
createdBy: b@d.io

```

Delete client

```
DELETE /credentials/clients/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
204	Client deleted successfully.	No Content
default	Unexpected error.	Response default

Response default

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner

Update an existing client

```
PATCH /credentials/clients/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Type	Name	Description	Schema
Body	clientUpdateParams <i>optional</i>	Details of the client to update.	clientUpdateParams

clientUpdateParams

Name	Description	Schema
name <i>optional</i>	The name to be assigned to the client. Length : 1 - 64	string

Responses

HTTP Code	Description	Schema
200	Client details.	Response 200
400	Bad request.	Response 400
404	Client does not exist.	Response 404

Response 200

Name	Description	Schema
clientId <i>optional</i>	The client ID used for DPoD authentication.	string (uuid)
clientSecret <i>optional</i>	The client secret used for DPoD authentication.	string
createdAt <i>optional</i>	Date/time the resource was created.	string
createdBy <i>optional</i>	Username of the user who created the client.	string
name <i>optional</i>	The name assigned to the client.	string
role <i>required</i>	The type of client credentials.	enum (appowner, service)
serviceIds <i>optional</i>	The service ID(s) which the client is allowed to access (only applicable to service-scoped clients).	< string (uuid) > array

Response 400

Name	Schema
error <i>optional</i>	string

Name	Schema
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner

Reset a client's secret

POST /credentials/clients/{id}/resetSecret

Description

Resets the password the client specified.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
200	The new secret for the specified client.	Response 200
400	Bad request.	Response 400
404	Client does not exist.	Response 404

Response 200

Name	Description	Schema
clientSecret <i>optional</i>	The new secret set for specified credentials.	string

Response 400

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner

Service Instances API

Provision a service instance

POST /service_instances

Description

Provision a DPOD platform service instances.

Parameters

Type	Name	Description	Schema
Body	serviceRequest <i>required</i>	Contains the name of the service to create, and the passwords to set on that service. If no Crypto User password is provided, the Crypto User role will not be created.	serviceRequest

serviceRequest

Name	Description	Schema
createParams <i>optional</i>	Pass through parameters for service creations.	< string, object > map
deviceType <i>required</i>	Type of device to use when creating the service. (Deprecated): Please specify deviceType in createParams Default : "cryptovisor"	enum (cryptovisor, cryptovisor_fips)
name <i>required</i>	Name of the service. Length : 4 - 45 Pattern : "[a-z0-9]{4,45}"	string
servicePlan <i>optional</i>	Maximal length : 255	string
serviceType <i>optional</i>	Type of service to create. Ignored if tileId is provided; required if tileId is not provided. Example values: - key_vault - pki_private_key_protection - digital_signing - oracle_tde_database - salesforce_key_broker - hyperledger - protectv Maximal length : 255	string
serviceVersion <i>optional</i>	The version of the service. (Deprecated): Please specify serviceVersion in createParams. Default : "1.0.0"	enum (0.5.0, 1.0.0)
tileId <i>optional</i>	If provided, a service of the type specified by the given tile will be created. Takes precedence over serviceType, if that field is provided.	string (uuid)

Responses

HTTP Code	Description	Schema
201	Service created.	No Content
default	Unexpected error.	Response default

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Consumes

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner

Show active service instances

```
GET /service_instances
```

Description

Return information about the active services existing in your tenant space.

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	Page number to retrieve, starting at 0.	integer
Query	size <i>optional</i>	Number of results per page.	integer

Responses

HTTP Code	Description	Schema
200	An array of active services.	Response 200
default	Unexpected error.	Response default

Response 200

Name	Description	Schema
content <i>optional</i>	The array of the services.	< content > array
number <i>required</i>	Current page number out of a total of 'totalPages'.	integer
size <i>required</i>	Number of elements in this response.	integer
totalElements <i>required</i>	Total number of elements.	integer (int64)
totalPages <i>required</i>	Total number of pages.	integer

content

Name	Description	Schema
clients <i>optional</i>	Client names bound to the current service.	< object > array
createdAt <i>optional</i>	Timestamp indicating time of creation.	string
created_by <i>optional</i>	ID of the user who created the service.	string (uuid)
created_by_username <i>optional</i>	User name of the user who created the service.	string
device_type <i>optional</i>	Type of device used for the service.	enum (cryptovisor, cryptovisor_fips)
name <i>optional</i>	Name of the active service.	string
partition_serial_number <i>optional</i>	Serial number of the partition.	string
serviceType <i>optional</i>	Service type.	string
serviceVersion <i>optional</i>	The version of the service.	enum (0.5.0, 1.0.0)
service_id <i>optional</i>	GUID representing a specific service.	string
subscriberGroup <i>optional</i>	Subscriber group that the service belongs to.	string

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner, dpod.tenant.admin

Example HTTP response

Response 200

```
{
  "services": [
    {
      "id": "00001111-2222-3333-4444-555566667777",
      "name": "Service A"
    },
    {
      "id": "88889999-AAAA-BBBB-CCCC-DDDDEEEFFFFFF",
      "name": "Service B"
    }
  ]
}
```

Show service instance details

```
GET /service_instances/{id}
```

Description

Get details of the service instance matching the given service id.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
200	Details about the requested service.	Response 200
default	Unexpected error.	Response default

Response 200

Name	Description	Schema
clients <i>optional</i>	Client names bound to the current service.	< object > array
createdAt <i>optional</i>	Timestamp indicating time of creation.	string
created_by <i>optional</i>	ID of the user who created the service.	string (uuid)
created_by_username <i>optional</i>	User name of the user who created the service.	string
device_type <i>optional</i>	Type of device used for the service.	enum (cryptovisor, cryptovisor_fips)
name <i>optional</i>	Name of the active service.	string
partition_serial_number <i>optional</i>	Serial number of the partition.	string
serviceType <i>optional</i>	Service type.	string
serviceVersion <i>optional</i>	The version of the service.	enum (0.5.0, 1.0.0)
service_id <i>optional</i>	GUID representing a specific service.	string
subscriberGroup <i>optional</i>	Subscriber group that the service belongs to.	string

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.admin, dpod.tenant.api_appowner, dpod.tenant.api_service

Example HTTP response

Response 200

```
{
  "id": "00001111-2222-3333-4444-555566667777",
  "name": "Service A"
}
```

Unprovision an active service instance

```
DELETE /service_instances/{id}
```

Description

Delete the service instance matching with the given service id. Any existing credentials will be invalidated.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
204	Service was deleted.	No Content
default	Unexpected error.	Response default

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner

Show all active client bindings

```
GET /service_instances/{id}/bindings
```

Description

Get the list of provisioned client bindings.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)
Query	page <i>optional</i>	Page number to retrieve, starting at 0.	integer
Query	size <i>optional</i>	Number of results per page.	integer

Responses

HTTP Code	Description	Schema
200	Details about the requested client.	Response 200
default	Unexpected error.	Response default

Response 200

Name	Description	Schema
content <i>optional</i>	The array of the clients.	< object > array
number <i>required</i>	Current page number out of a total of 'totalPages'.	integer
size <i>required</i>	Number of elements in this response.	integer
totalElements <i>required</i>	Total number of elements.	integer (int64)

Name	Description	Schema
totalPages <i>required</i>	Total number of pages.	integer

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner, dpod.tenant.api_service

Generate a client binding to an existing service instance

```
PUT /service_instances/{id}/bindings
```

Description

Create a new client binding for the targeted service.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)
Body	BindingRequest <i>optional</i>	Parameters for creating a new client.	BindingRequest

BindingRequest

Name	Description	Schema
bindingParams <i>optional</i>	Pass through parameters for service creations.	< string, object > map
name <i>optional</i>	Client name.	string

Responses

HTTP Code	Description	Schema
201	Returns a free-form hash of credentials that can be used by the application owner to access the service..	Response 201
500	Unexpected error.	Response 500

Response 201

Name	Schema
credentials <i>optional</i>	object
parameters <i>optional</i>	object

Response 500

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Consumes

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner, dpod.tenant.api_service

Show client binding details

```
GET /service_instances/{id}/bindings/{clientId}
```

Description

Get the client binding details matching the given client id.

Parameters

Type	Name	Description	Schema
Path	clientId <i>required</i>	Bound client ID.	string (uuid)
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
200	Details about the requested client.	Response 200
default	Unexpected error.	Response default

Response 200

Name	Description	Schema
createdAt <i>optional</i>	Date/time the resource was created.	string
created_by <i>optional</i>	ID of the user who created the client.	string (uuid)
created_by_username <i>optional</i>	User name of the user who created the client.	string
id <i>optional</i>	GUID representing the resource.	string (uuid)
name <i>optional</i>	Client name.	string
updatedAt <i>optional</i>	Date/time the resource was updated.	string

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner, dpod.tenant.api_service

Unbind a client of a service

```
DELETE /service_instances/{id}/bindings/{clientId}
```

Description

Unbind the client matching the given client id.

Parameters

Type	Name	Description	Schema
Path	clientId <i>required</i>	Bound client ID.	string (uuid)
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
204	Client unbound.	No Content
default	Unexpected error.	Response default

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner, dpod.tenant.api_service

Service API (Deprecated)

Create a service. Deprecated, see: POST /service_instances

POST /services

CAUTION This operation is deprecated.

Description

Provision a DPOD platform service. This API is deprecated and is only used by HSM On Demand and Key Management On Demand Services. Use the POST /service_instances instead.

Parameters

Type	Name	Description	Schema
Body	serviceRequest <i>required</i>	Contains the name of the service to create, and the passwords to set on that service. If no Crypto User password is provided, the Crypto User role will not be created.	serviceRequest

serviceRequest

Name	Description	Schema
createParams <i>optional</i>	Pass through parameters for service creations.	< string, object > map
deviceType <i>required</i>	Type of device to use when creating the service. (Deprecated): Please specify deviceType in createParams Default : "cryptovisor"	enum (cryptovisor, cryptovisor_fips)

Name	Description	Schema
name <i>required</i>	Name of the service. Length : 4 - 45 Pattern : "[a-z0-9]{4,45}"	string
servicePlan <i>optional</i>	Maximal length : 255	string
serviceType <i>optional</i>	Type of service to create. Ignored if tileId is provided; required if tileId is not provided. Example values: - key_vault - pki_private_key_protection - digital_signing - oracle_tde_database - salesforce_key_broker - hyperledger - protectv Maximal length : 255	string
serviceVersion <i>optional</i>	The version of the service. (Deprecated): Please specify serviceVersion in createParams. Default : "1.0.0"	enum (0.5.0, 1.0.0)
tileId <i>optional</i>	If provided, a service of the type specified by the given tile will be created. Takes precedence over serviceType, if that field is provided.	string (uuid)

Responses

HTTP Code	Description	Schema
201	Service created.	No Content
default	Unexpected error.	Response default

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Consumes

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner

Show active services. **Deprecated, see: GET /service_instances**

GET /services

CAUTION This operation is deprecated.

Description

Return information about the active services existing in your tenant space. This API is deprecated and is only used by HSM On Demand and Key Management On Demand Services. Use the GET /service_instances instead.

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	Page number to retrieve, starting at 0.	integer
Query	size <i>optional</i>	Number of results per page.	integer

Responses

HTTP Code	Description	Schema
200	An array of active services.	Response 200
default	Unexpected error.	Response default

Response 200

Name	Description	Schema
content <i>optional</i>	The array of the services.	< content > array
number <i>required</i>	Current page number out of a total of 'totalPages'.	integer
size <i>required</i>	Number of elements in this response.	integer
totalElements <i>required</i>	Total number of elements.	integer (int64)
totalPages <i>required</i>	Total number of pages.	integer

content

Name	Description	Schema
clients <i>optional</i>	Client names bound to the current service.	< object > array
createdAt <i>optional</i>	Timestamp indicating time of creation.	string
created_by <i>optional</i>	ID of the user who created the service.	string (uuid)
created_by_username <i>optional</i>	User name of the user who created the service.	string
device_type <i>optional</i>	Type of device used for the service.	enum (cryptovisor, cryptovisor_fips)
name <i>optional</i>	Name of the active service.	string
partition_serial_number <i>optional</i>	Serial number of the partition.	string
serviceType <i>optional</i>	Service type.	string
serviceVersion <i>optional</i>	The version of the service.	enum (0.5.0, 1.0.0)
service_id <i>optional</i>	GUID representing a specific service.	string
subscriberGroup <i>optional</i>	Subscriber group that the service belongs to.	string

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner, dpod.tenant.admin

Example HTTP response

Response 200

```
{
  "services": [
    {
      "id": "00001111-2222-3333-4444-555566667777",
      "name": "Service A"
    },
    {
      "id": "88889999-AAAA-BBBB-CCCC-DDDDEEEFFFFFF",
      "name": "Service B"
    }
  ]
}
```

Show service details. **Deprecated, see: GET /service_instances/{id}**

```
GET /services/{id}
```

CAUTION This operation is deprecated.

Description

Get details of the service with the given ID. This API is deprecated and is only used by HSM On Demand and Key Management On Demand Services. Use the GET /service_instances/{id} instead.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
200	Details about the requested service.	Response 200
default	Unexpected error.	Response default

Response 200

Name	Description	Schema
clients <i>optional</i>	Client names bound to the current service.	< object > array
createdAt <i>optional</i>	Timestamp indicating time of creation.	string
created_by <i>optional</i>	ID of the user who created the service.	string (uuid)
created_by_username <i>optional</i>	User name of the user who created the service.	string
device_type <i>optional</i>	Type of device used for the service.	enum (cryptovisor, cryptovisor_fips)
name <i>optional</i>	Name of the active service.	string
partition_serial_number <i>optional</i>	Serial number of the partition.	string
serviceType <i>optional</i>	Service type.	string
serviceVersion <i>optional</i>	The version of the service.	enum (0.5.0, 1.0.0)
service_id <i>optional</i>	GUID representing a specific service.	string
subscriberGroup <i>optional</i>	Subscriber group that the service belongs to.	string

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.admin, dpod.tenant.api_appowner, dpod.tenant.api_service

Example HTTP response

Response 200

```
{
  "id": "00001111-2222-3333-4444-555566667777",
  "name": "Service A"
}
```

Remove an active service. **Deprecated, see: DELETE /service_instances/{id}**

```
DELETE /services/{id}
```

CAUTION This operation is deprecated.

Description

Delete the service with the given ID. Any existing credentials will be invalidated. This API is deprecated and is only used by HSM On Demand and Key Management On Demand Services. Use the DELETE /service_instances/{id} instead.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
204	Service was deleted.	No Content
default	Unexpected error.	Response default

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner

Show all active clients. **Deprecated, see: GET /service_instances/{id}/bindings/{clientId}**

GET /services/{id}/client

CAUTION This operation is deprecated.

Description

Get the list of provisioned clients. This API is deprecated and is only used by HSM On Demand and Key Management On Demand Services. Use the GET /service_instances/{id}/bindings instead.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)
Query	page <i>optional</i>	Page number to retrieve, starting at 0.	integer
Query	size <i>optional</i>	Number of results per page.	integer

Responses

HTTP Code	Description	Schema
200	Details about the requested client.	Response 200
default	Unexpected error.	Response default

Response 200

Name	Description	Schema
content <i>optional</i>	The array of the clients.	< object > array
number <i>required</i>	Current page number out of a total of 'totalPages'.	integer
size <i>required</i>	Number of elements in this response.	integer
totalElements <i>required</i>	Total number of elements.	integer (int64)
totalPages <i>required</i>	Total number of pages.	integer

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner, dpod.tenant.api_service

Bind a client to a service. **Deprecated, see: PUT /service_instances/{id}/bindings/{clientId}**

```
PUT /services/{id}/client
```

CAUTION | This operation is deprecated.

Description

Create a new client binding for the targeted service. This API is deprecated and is only used by HSM On Demand and Key Management On Demand Services. Use the PUT /service_instances/{id}/bindings instead.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)
Body	BindRequest <i>optional</i>	Parameters for creating a new client.	BindRequest

BindRequest

Name	Description	Schema
name <i>required</i>	Client name.	string
os <i>optional</i>	Type of OS for which the client should be created. Default : "linux"	enum (linux, windows)

Responses

HTTP Code	Description	Schema
200	Returns file.	file
500	Unexpected error.	Response 500

Response 500

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Consumes

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner, dpod.tenant.api_service

Show client details. **Deprecated, see: GET /service_instances/{id}/bindings/{clientId}**

```
GET /services/{id}/client/{clientId}
```

CAUTION This operation is deprecated.

Description

Get the client binding details matching the given client id. This API is deprecated and is only used by HSM On Demand and Key Management On Demand Services. Use the GET /service_instances/{id}/bindings/{clientId} instead.

Parameters

Type	Name	Description	Schema
Path	clientId <i>required</i>	Bound client ID.	string (uuid)
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
200	Details about the requested client.	Response 200
default	Unexpected error.	Response default

Response 200

Name	Description	Schema
createdAt <i>optional</i>	Date/time the resource was created.	string
created_by <i>optional</i>	ID of the user who created the client.	string (uuid)
created_by_username <i>optional</i>	User name of the user who created the client.	string
id <i>optional</i>	GUID representing the resource.	string (uuid)
name <i>optional</i>	Client name.	string

Name	Description	Schema
updatedAt <i>optional</i>	Date/time the resource was updated.	string

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner, dpod.tenant.api_service

Unbind a client of a service. **Deprecated, see: DELETE /service_instances/{id}/bindings/{clientId}**

```
DELETE /services/{id}/client/{clientId}
```

CAUTION This operation is deprecated.

Description

Unbind the client matching the given client id. This API is deprecated and is only used by HSM On Demand and Key Management On Demand Services. Use the DELETE /service_instances/{id}/bindings/{clientId} instead.

Parameters

Type	Name	Description	Schema
Path	clientId <i>required</i>	Bound client ID.	string (uuid)
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
204	Client unbound.	No Content
default	Unexpected error.	Response default

Response default

Name	Schema
code <i>required</i>	integer (int32)
message <i>required</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner, dpod.tenant.api_service

Subscriber Group API

Create a new Subscriber Group

POST /subscriber_groups

Description

Creates a new Subscriber Group within my tenant. They are used to group application owners and services into logical separations.

Parameters

Type	Name	Description	Schema
Body	subscriberGroupCreateParams <i>required</i>	Details of the Subscriber Group to create	subscriberGroupCreateParams

subscriberGroupCreateParams

Name	Description	Schema
description <i>optional</i>	Description of the Subscriber Group. Maximum 512 characters.	string
name <i>optional</i>	Name of the Subscriber Group.	string

Responses

HTTP Code	Description	Schema
201	New Subscriber Group	Response 201
default	Unexpected error	Response default

Response 201

Name	Description	Schema
createdAt <i>optional</i>	Date/time the resource was created.	string
description <i>optional</i>	Description of the Subscriber Group.	string
id <i>optional</i>	GUID representing the resource.	string (uuid)
name <i>optional</i>	Name of the Subscriber Group.	string
totalClients <i>optional</i>	Total number of platform credentials.	integer (int64)
totalServices <i>optional</i>	Total number of services.	integer (int64)
totalUsers <i>optional</i>	Total number of users.	integer (int64)
updatedAt <i>optional</i>	Date/time the resource was updated	string

Response default

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string

Name	Schema
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Consumes

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.admin

List Subscriber Groups

GET /subscriber_groups

Description

Lists the Subscriber Groups that the current user can see.

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	Page number to retrieve, starting at 0.	integer
Query	size <i>optional</i>	Number of results per page.	integer

Responses

HTTP Code	Description	Schema
200	An collection of Subscriber Groups	Response 200

HTTP Code	Description	Schema
default	Unexpected error	Response default

Response 200

Name	Description	Schema
content <i>optional</i>	The array of the Subscriber Groups.	< object > array
number <i>required</i>	Current page number out of a total of 'totalPages'.	integer
size <i>required</i>	Number of elements in this response.	integer
totalElements <i>required</i>	Total number of elements.	integer (int64)
totalPages <i>required</i>	Total number of pages.	integer

Response default

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.admin

Delete the Subscriber Group

DELETE /subscriber_groups

Parameters

Type	Name	Description	Schema
Query	tenantId <i>optional</i>	The tenant id	string (uuid)

Responses

HTTP Code	Description	Schema
204	Subscriber Group was deleted	No Content

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.spadmin

get the details for a specified Subscriber Group

GET /subscriber_groups/{id}

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
200	Subscriber Group details	Response 200
404	Subscriber Group does not exist	No Content

Response 200

Name	Description	Schema
createdAt <i>optional</i>	Date/time the resource was created.	string
description <i>optional</i>	Description of the Subscriber Group.	string
id <i>optional</i>	GUID representing the resource.	string (uuid)
name <i>optional</i>	Name of the Subscriber Group.	string
totalClients <i>optional</i>	Total number of platform credentials.	integer (int64)
totalServices <i>optional</i>	Total number of services.	integer (int64)
totalUsers <i>optional</i>	Total number of users.	integer (int64)
updatedAt <i>optional</i>	Date/time the resource was updated	string

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.admin, dpod.tenant.appowner, dpod.tenant.api_appowner

Example HTTP response

Response 200

```
id: 78e98c32-3ed3-46ce-8cf1-e31cc61c2e8c,  
name: subscriberGroup,  
description: Top Level Subscriber Group
```

Delete the Subscriber Group

```
DELETE /subscriber_groups/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
204	Subscriber Group was deleted	No Content

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.admin

Update an existing Subscriber Group

```
PATCH /subscriber_groups/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)
Body	subscriberGroupCreateParams <i>required</i>	Updated Subscriber Group details	subscriberGroupCreateParams

subscriberGroupCreateParams

Name	Description	Schema
description <i>optional</i>	Description of the Subscriber Group. Maximum 512 characters.	string
name <i>optional</i>	Name of the Subscriber Group.	string

Responses

HTTP Code	Description	Schema
200	Subscriber Group details	Response 200
400	Bad Request	Response 400
404	Subscriber Group does not exist	Response 404

Response 200

Name	Description	Schema
createdAt <i>optional</i>	Date/time the resource was created.	string
description <i>optional</i>	Description of the Subscriber Group.	string
id <i>optional</i>	GUID representing the resource.	string (uuid)
name <i>optional</i>	Name of the Subscriber Group.	string
totalClients <i>optional</i>	Total number of platform credentials.	integer (int64)
totalServices <i>optional</i>	Total number of services.	integer (int64)
totalUsers <i>optional</i>	Total number of users.	integer (int64)
updatedAt <i>optional</i>	Date/time the resource was updated	string

Response 400

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)

Name	Schema
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.admin

Add a client to the relevant subscriber group

```
POST /subscriber_groups/{id}/clients
```

Description

Add a client to the relevant subscriber group.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Type	Name	Description	Schema
Body	addClientParams <i>required</i>	Add Client params	addClientParams

addClientParams

Name	Description	Schema
clientId <i>optional</i>	Id of client to add	string (uuid)

Responses

HTTP Code	Description	Schema
200	Added Client	Response 200
400	Bad Request	Response 400
403	Unauthorized to access this endpoint	Response 403
404	Client does not exist	Response 404

Response 200

Name	Description	Schema
clientId <i>optional</i>	Id of the client	string (uuid)
subscriberGroups <i>optional</i>	subscriber groups this client was added	< string > array

Response 400

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)

Name	Schema
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 403

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner

Delete a client from the subscriber group

```
DELETE /subscriber_groups/{id}/clients/{clientId}
```

Description

Delete a client from the subscriber group.

Parameters

Type	Name	Description	Schema
Path	clientId <i>required</i>	The client id	string (uuid)
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
204	Client was deleted	No Content
403	Unauthorized to access this endpoint	Response 403
404	Client does not exist	Response 404

Response 403

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)

Name	Schema
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.admin

Add a service to the relevant subscriber group

```
POST /subscriber_groups/{id}/services
```

Description

Add a service to the relevant subscriber group.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Type	Name	Description	Schema
Body	addServiceParams <i>required</i>	Add Service params	addServiceParams

addServiceParams

Name	Description	Schema
serviceId <i>optional</i>	Id of service to add	string (uuid)

Responses

HTTP Code	Description	Schema
200	Added Service	Response 200
400	Bad Request	Response 400
403	Unauthorized to access this endpoint	Response 403
404	Service does not exist	Response 404

Response 200

Name	Description	Schema
serviceId <i>optional</i>	Id of the service	string (uuid)
subscriberGroups <i>optional</i>	subscriber groups this service was added	< string > array

Response 400

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)

Name	Schema
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 403

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner

Get the details of a service in a subscriber group

```
GET /subscriber_groups/{id}/services/{serviceId}
```

Description

Get any details on a service that belongs to a subscriber group. Only the id of a service is currently stored, so this operation is really for verifying the group membership of the service.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)
Path	serviceId <i>required</i>	The service id	string (uuid)

Responses

HTTP Code	Description	Schema
200	The service belongs to the group	No Content
403	Unauthorized to access this endpoint	Response 403
404	The subscriber group resource was not found, or the service was not found in the group.	Response 404

Response 403

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string

Name	Schema
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner

Delete a service from the subscriber group

```
DELETE /subscriber_groups/{id}/services/{serviceId}
```

Description

Delete a service from the subscriber group.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)
Path	serviceId <i>required</i>	The service id	string (uuid)

Responses

HTTP Code	Description	Schema
204	Service was deleted	No Content
403	Unauthorized to access this endpoint	Response 403
404	Service does not exist	Response 404

Response 403

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string

Name	Schema
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner

Marketplace API

List all the tiles available to a tenant

GET /tiles

Description

Lists the tiles available to the current user, or to the tenant specified in the query parameter.

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	Page number to retrieve. If the size is specified and the page number is not, the page number is set to 0.	integer
Query	size <i>optional</i>	Number of results per page. If the page number is specified and the page size is not, the page size is set to 20.	integer
Query	tenantId <i>optional</i>	ID of the tenant to query for tile availability. Service Provider administrators can use this parameter to query the tiles of their child tenants. Other users should not use this parameter; if they do, they must set it to their own tenant's ID.	string (uuid)

Responses

HTTP Code	Description	Schema
200	An array of available tiles.	Response 200
400	The current user is not allowed to search by tenant, the specified page number is less than zero, or the specified page size is less than 1.	No Content
403	The current user does not have access to the specified tenant's tile list.	No Content
default	Unexpected error.	Response default

Response 200

Name	Description	Schema
content <i>optional</i>	The array of the resources.	< object > array
number <i>required</i>	Current page number out of a total of 'totalPages'.	integer
size <i>required</i>	Number of elements in this response.	integer
totalElements <i>required</i>	Total number of elements.	integer (int64)
totalPages <i>required</i>	Total number of pages.	integer

Response default

Name	Description	Schema
detail <i>optional</i>	A human readable explanation specific to this occurrence of the problem. Example : "Connection to database timed out"	string
instance <i>optional</i>	An absolute URI that identifies the specific occurrence of the problem. It may or may not yield further information if dereferenced.	string (uri)
status <i>optional</i>	The HTTP status code generated by the origin server for this occurrence of the problem. Minimum value : 100 Maximum value (exclusive) : 600 Example : 503	integer (int32)

Name	Description	Schema
title <i>optional</i>	A short, summary of the problem type. Written in English and readable for engineers (usually not suited for non technical stakeholders and not localized); example: Service Unavailable	string
type <i>optional</i>	An absolute URI that identifies the problem type. When dereferenced, it SHOULD provide human-readable documentation for the problem type (e.g., using HTML). Default : "about:blank" Example : "https://zalando.github.io/problem/constraint-violation"	string (uri)

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.spadmin, dpod.tenant.admin, dpod.tenant.appowner, dpod.tenant.api_appowner

Get details about a specific tile

```
GET /tiles/{id}
```

Description

Returns detailed information about a specific tile. The tile must be assigned to the tenant that the caller belongs to.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The ID of the tile to retrieve.	string (uuid)

Responses

HTTP Code	Description	Schema
200	Information about a valid tile.	Response 200
403	The specified tile cannot be accessed by this user.	Response 403
404	The specified tile does not exist.	Response 404
default	Unexpected error.	Response default

Response 200

Name	Description	Schema
description <i>optional</i>	A text description of the type of service that can be created with this tile.	string
enabled <i>optional</i>	If a tile is enabled, a user can create a service with it, or a tenant administrator can enable/disable the tile for their subtenants. Default : <i>false</i>	boolean
helpUrl <i>optional</i>	The URL of the online help documentation. Length : 1 - 1024	string (uri)
id <i>optional</i> <i>read-only</i>	A unique UUID associated with this tile.	string (uuid)
name <i>optional</i>	The UI displayed name of this tile. Typically this will be the name of the service type it represents.	string
serviceBrokerServiceName <i>optional</i>	A CLI-friendly name of the targeted service inside the service broker's catalog. MUST only contain alphanumeric characters, periods, and hyphens (no spaces). MUST be unique. This value is present only for tiles linked to a service broker. This field is required when the serviceBrokerUrl is defined.	string
serviceBrokerUrl <i>optional</i>	The URL of the service broker managing the targeted service defined in 'serviceBrokerServiceName'. Empty if the tile does not use a service broker and use pre existing DPOD services. This field is required when the serviceBrokerServiceName is defined.	string
shortCode <i>optional</i> <i>read-only</i>	A tile can be identified by its ID or by this user friendly short text. This short code can be used while calling the DPoD platform to perform operations on the tile such as service provisioning. Note if the tile's id is provided, it will have priority on the shortcode. Example of values for the pre-existing services: * key_vault - Key Vault * pki_private_key_protection - PKI Private Key Protection * digital_signing - Digital Signing * oracle_tde_database - Oracle TDE Database * salesforce_key_broker - Salesforce Key Broker * hyperledger - Hyperledger A short code is not limited to this list, any new tiles created later on can have another simple and unique tile identifier.	string

Response 403

Name	Description	Schema
detail <i>optional</i>	A human readable explanation specific to this occurrence of the problem. Example : "Connection to database timed out"	string

Name	Description	Schema
instance <i>optional</i>	An absolute URI that identifies the specific occurrence of the problem. It may or may not yield further information if dereferenced.	string (uri)
status <i>optional</i>	The HTTP status code generated by the origin server for this occurrence of the problem. Minimum value : 100 Maximum value (exclusive) : 600 Example : 503	integer (int32)
title <i>optional</i>	A short, summary of the problem type. Written in English and readable for engineers (usually not suited for non technical stakeholders and not localized); example: Service Unavailable	string
type <i>optional</i>	An absolute URI that identifies the problem type. When dereferenced, it SHOULD provide human-readable documentation for the problem type (e.g., using HTML). Default : "about:blank" Example : "https://zalando.github.io/problem/constraint-violation"	string (uri)

Response 404

Name	Description	Schema
detail <i>optional</i>	A human readable explanation specific to this occurrence of the problem. Example : "Connection to database timed out"	string
instance <i>optional</i>	An absolute URI that identifies the specific occurrence of the problem. It may or may not yield further information if dereferenced.	string (uri)
status <i>optional</i>	The HTTP status code generated by the origin server for this occurrence of the problem. Minimum value : 100 Maximum value (exclusive) : 600 Example : 503	integer (int32)
title <i>optional</i>	A short, summary of the problem type. Written in English and readable for engineers (usually not suited for non technical stakeholders and not localized); example: Service Unavailable	string
type <i>optional</i>	An absolute URI that identifies the problem type. When dereferenced, it SHOULD provide human-readable documentation for the problem type (e.g., using HTML). Default : "about:blank" Example : "https://zalando.github.io/problem/constraint-violation"	string (uri)

Response default

Name	Description	Schema
detail <i>optional</i>	A human readable explanation specific to this occurrence of the problem. Example : "Connection to database timed out"	string
instance <i>optional</i>	An absolute URI that identifies the specific occurrence of the problem. It may or may not yield further information if dereferenced.	string (uri)
status <i>optional</i>	The HTTP status code generated by the origin server for this occurrence of the problem. Minimum value : 100 Maximum value (exclusive) : 600 Example : 503	integer (int32)
title <i>optional</i>	A short, summary of the problem type. Written in English and readable for engineers (usually not suited for non technical stakeholders and not localized); example: Service Unavailable	string
type <i>optional</i>	An absolute URI that identifies the problem type. When dereferenced, it SHOULD provide human-readable documentation for the problem type (e.g., using HTML). Default : "about:blank" Example : "https://zalando.github.io/problem/constraint-violation"	string (uri)

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner

Get plans for the specified tile.

```
GET /tiles/{id}/plans
```

Description

Returns plans for the specified tile.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The ID of the tile whose plans should be retrieved.	string (uuid)

Responses

HTTP Code	Description	Schema
200	Plans of the specified service.	< Response 200 > array
403	The specified tile cannot be accessed by this user.	Response 403
404	The specified tile does not exist.	Response 404
default	Unexpected error.	Response default

Response 200

Name	Schema
description <i>required</i>	string
id <i>required</i>	string
name <i>required</i>	string
schemas <i>optional</i>	schemas

schemas

Name	Schema
service_binding <i>optional</i>	service_binding
service_instance <i>optional</i>	service_instance

service_binding

Name	Schema
create <i>optional</i>	create

create

Name	Schema
parameters <i>optional</i>	object

service_instance

Name	Schema
create <i>optional</i>	create
update <i>optional</i>	update

create

Name	Schema
parameters <i>optional</i>	object

update

Name	Schema
parameters <i>optional</i>	object

Response 403

Name	Description	Schema
detail <i>optional</i>	A human readable explanation specific to this occurrence of the problem. Example : "Connection to database timed out"	string
instance <i>optional</i>	An absolute URI that identifies the specific occurrence of the problem. It may or may not yield further information if dereferenced.	string (uri)
status <i>optional</i>	The HTTP status code generated by the origin server for this occurrence of the problem. Minimum value : 100 Maximum value (exclusive) : 600 Example : 503	integer (int32)
title <i>optional</i>	A short, summary of the problem type. Written in English and readable for engineers (usually not suited for non technical stakeholders and not localized); example: Service Unavailable	string
type <i>optional</i>	An absolute URI that identifies the problem type. When dereferenced, it SHOULD provide human-readable documentation for the problem type (e.g., using HTML). Default : "about:blank" Example : "https://zalando.github.io/problem/constraint-violation"	string (uri)

Response 404

Name	Description	Schema
detail <i>optional</i>	A human readable explanation specific to this occurrence of the problem. Example : "Connection to database timed out"	string
instance <i>optional</i>	An absolute URI that identifies the specific occurrence of the problem. It may or may not yield further information if dereferenced.	string (uri)
status <i>optional</i>	The HTTP status code generated by the origin server for this occurrence of the problem. Minimum value : 100 Maximum value (exclusive) : 600 Example : 503	integer (int32)
title <i>optional</i>	A short, summary of the problem type. Written in English and readable for engineers (usually not suited for non technical stakeholders and not localized); example: Service Unavailable	string
type <i>optional</i>	An absolute URI that identifies the problem type. When dereferenced, it SHOULD provide human-readable documentation for the problem type (e.g., using HTML). Default : "about:blank" Example : "https://zalando.github.io/problem/constraint-violation"	string (uri)

Response default

Name	Description	Schema
detail <i>optional</i>	A human readable explanation specific to this occurrence of the problem. Example : "Connection to database timed out"	string
instance <i>optional</i>	An absolute URI that identifies the specific occurrence of the problem. It may or may not yield further information if dereferenced.	string (uri)
status <i>optional</i>	The HTTP status code generated by the origin server for this occurrence of the problem. Minimum value : 100 Maximum value (exclusive) : 600 Example : 503	integer (int32)
title <i>optional</i>	A short, summary of the problem type. Written in English and readable for engineers (usually not suited for non technical stakeholders and not localized); example: Service Unavailable	string

Name	Description	Schema
type <i>optional</i>	An absolute URI that identifies the problem type. When dereferenced, it SHOULD provide human-readable documentation for the problem type (e.g., using HTML). Default : "about:blank" Example : "https://zalando.github.io/problem/constraint-violation"	string (uri)

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.api_appowner

User API

Create a User

POST /users

Description

Creates a user in the specified tenant space. The user must be verified using the link provided in the email.

Parameters

Type	Name	Description	Schema
Body	userCreateParams <i>required</i>	Details of the user to create	userCreateParams

userCreateParams

Name	Description	Schema
accountRole <i>optional</i>	admin or user.	string
familyName <i>optional</i>	Last name of the tenant user.	string
givenName <i>optional</i>	First name of the tenant user.	string
password <i>optional</i>	Tenant user's password.	string

Name	Description	Schema
phoneNumber <i>optional</i>	List of phone numbers corresponding to the tenant user.	< string > array
rootAdmin <i>optional</i>	Specifies whether user is root admin Default : false	boolean
subscriberGroups <i>optional</i>	The subscriber groups to which the tenant user belongs.	< string > array
tenantId <i>optional</i>	The ID of the tenant for this user.	string (uuid)
username <i>optional</i>	Tenant user's username.	string

Responses

HTTP Code	Description	Schema
201	New User	Response 201

Response 201

Name	Description	Schema
accountRole <i>optional</i>	admin or user.	string
createdAt <i>optional</i>	Date/time the resource was created.	string
createdBy <i>optional</i>	userid of the admin who created the user	string (uuid)
createdByUsername <i>optional</i>	username of the admin who created the user	string
emailVerificationSent <i>optional</i>	True if the email verification has been sent to the user Default : false	boolean
familyName <i>optional</i>	Last name of the tenant user.	string
givenName <i>optional</i>	First name of the tenant user.	string
id <i>optional</i>	GUID representing the resource.	string (uuid)

Name	Description	Schema
phoneNumber <i>optional</i>	List of phone numbers corresponding to the tenant user.	< string > array
subscriberGroups <i>optional</i>	The subscriber groups to which the tenant user belongs.	< string > array
updatedAt <i>optional</i>	Date/time the resource was updated	string
username <i>optional</i>	Tenant user's username.	string
verified <i>optional</i>	True if the user's email address has been verified Default : true	boolean

Consumes

- `application/json`

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.spadmin, dpod.tenant.admin

List users

GET /users

Description

Lists the users within a specified user id.

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	Page number to retrieve, starting at 0.	integer
Query	size <i>optional</i>	Number of results per page.	integer

Responses

HTTP Code	Description	Schema
200	A list of users	Response 200
default	Unexpected error	Response default

Response 200

Name	Description	Schema
content <i>optional</i>	The array of tenant users and admins.	< object > array
number <i>required</i>	Current page number out of a total of 'totalPages'.	integer
size <i>required</i>	Number of elements in this response.	integer
totalElements <i>required</i>	Total number of elements.	integer (int64)
totalPages <i>required</i>	Total number of pages.	integer

Response default

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Produces

- `application/json`

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.spadmin, dpod.tenant.admin

Change a User's Password

PATCH /users/changePassword

Description

Change the password of the user with the specified id

Parameters

Type	Name	Description	Schema
Body	changePasswordParams <i>required</i>	Change Password Details	changePasswordParams

changePasswordParams

Name	Description	Schema
newPassword <i>optional</i>	New User Password	string
oldPassword <i>optional</i>	Old User Password	string

Responses

HTTP Code	Description	Schema
200	UserDetails	Response 200
400	Bad Request	Response 400
404	User does not exist	Response 404

Response 200

Name	Description	Schema
accountRole <i>optional</i>	admin or user.	string
createdAt <i>optional</i>	Date/time the resource was created.	string

Name	Description	Schema
createdBy <i>optional</i>	userid of the admin who created the user	string (uuid)
createdByUserName <i>optional</i>	username of the admin who created the user	string
emailVerificationSent <i>optional</i>	True if the email verification has been sent to the user Default : false	boolean
familyName <i>optional</i>	Last name of the tenant user.	string
givenName <i>optional</i>	First name of the tenant user.	string
id <i>optional</i>	GUID representing the resource.	string (uuid)
phoneNumber <i>optional</i>	List of phone numbers corresponding to the tenant user.	< string > array
subscriberGroups <i>optional</i>	The subscriber groups to which the tenant user belongs.	< string > array
updatedAt <i>optional</i>	Date/time the resource was updated	string
username <i>optional</i>	Tenant user's username.	string
verified <i>optional</i>	True if the user's email address has been verified Default : true	boolean

Response 400

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)

Name	Schema
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner, dpod.tenant.spadmin, dpod.tenant.admin, dpod.tenant.admin.unverified, dpod.tenant.spadmin.unverified, dpod.tenant.appowner.unverified

Get the details of the user specified in the JWT sent with this request

GET /users/profile

Responses

HTTP Code	Description	Schema
200	User Details	Response 200

HTTP Code	Description	Schema
404	User does not exist	No Content

Response 200

Name	Description	Schema
accountRole <i>optional</i>	admin or user.	string
createdAt <i>optional</i>	Date/time the resource was created.	string
createdBy <i>optional</i>	userid of the admin who created the user	string (uuid)
createdByUserName <i>optional</i>	username of the admin who created the user	string
emailVerificationSent <i>optional</i>	True if the email verification has been sent to the user Default : false	boolean
familyName <i>optional</i>	Last name of the tenant user.	string
givenName <i>optional</i>	First name of the tenant user.	string
id <i>optional</i>	GUID representing the resource.	string (uuid)
phoneNumber <i>optional</i>	List of phone numbers corresponding to the tenant user.	< string > array
subscriberGroups <i>optional</i>	The subscriber groups to which the tenant user belongs.	< string > array
updatedAt <i>optional</i>	Date/time the resource was updated	string
username <i>optional</i>	Tenant user's username.	string
verified <i>optional</i>	True if the user's email address has been verified Default : true	boolean

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.admin, dpod.tenant.appowner

Example HTTP response

Response 200

```
id: c9b4c3b3-6d55-4941-8208-debe05f7a728,
createdAt: 2017-05-22T01:08:40.000Z,
updatedAt: 2017-06-06 10:34:10.578,
givenName: dudley,
familyName: dursley,
phoneNumber: [ 1234567890 ],
email: [ dudley.dursley@gmail.com ],
username: dudley.dursley@gmail.com,
accountRole: user,
tenantId: 5c8d637e-1785-4f99-9b77-0e607c2b31b1,
subscriberGroups: [ 0e35a9d4-c99c-4daa-9aaa-ada560150088 ],
createdByUsername: 20180313-04@b.com,
createdBy: 640bf631-42e2-400b-8669-527105dac765,
created_by_username: 20180313-04@b.com,
created_by: 640bf631-42e2-400b-8669-527105dac765,
emailVerificationSent: true,
verified: true
```

Get details for the specified user

```
GET /users/{id}
```

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
200	User details	Response 200
404	User does not exist	No Content

Response 200

Name	Description	Schema
accountRole <i>optional</i>	admin or user.	string

Name	Description	Schema
createdAt <i>optional</i>	Date/time the resource was created.	string
createdBy <i>optional</i>	userid of the admin who created the user	string (uuid)
createdByUserName <i>optional</i>	username of the admin who created the user	string
emailVerificationSent <i>optional</i>	True if the email verification has been sent to the user Default : false	boolean
familyName <i>optional</i>	Last name of the tenant user.	string
givenName <i>optional</i>	First name of the tenant user.	string
id <i>optional</i>	GUID representing the resource.	string (uuid)
phoneNumber <i>optional</i>	List of phone numbers corresponding to the tenant user.	< string > array
subscriberGroups <i>optional</i>	The subscriber groups to which the tenant user belongs.	< string > array
updatedAt <i>optional</i>	Date/time the resource was updated	string
username <i>optional</i>	Tenant user's username.	string
verified <i>optional</i>	True if the user's email address has been verified Default : true	boolean

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.spadmin, dpod.tenant.admin

Example HTTP response

Response 200


```
id: c9b4c3b3-6d55-4941-8208-debe05f7a728,
createdAt: 2017-05-22T01:08:40.000Z,
updatedAt: 2017-06-06 10:34:10.578,
givenName: dudley,
familyName: dursley,
phoneNumber: [ 1234567890 ],
email: [ dudley.dursley@gmail.com ],
username: dudley.dursley@gmail.com,
accountRole: user,
tenantId: 5c8d637e-1785-4f99-9b77-0e607c2b31b1,
subscriberGroups: [ 0e35a9d4-c99c-4daa-9aaa-ada560150088 ],
createdByUsername: 20180313-04@b.com,
createdBy: 640bf631-42e2-400b-8669-527105dac765,
created_by_username: 20180313-04@b.com,
created_by: 640bf631-42e2-400b-8669-527105dac765,
emailVerificationSent: true,
verified: true
```

Delete a User

```
DELETE /users/{id}
```

Description

Delete a user in the specified tenant space

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
204	Deleted the user	No Content

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.spadmin, dpod.tenant.admin

Edit User's Details

```
PATCH /users/{id}
```

Description

Edit the details of the user with the specified id

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)
Body	editUserParams <i>required</i>	Edit User Details	editUserParams

editUserParams

Name	Description	Schema
familyName <i>optional</i>	FamilyName	string
givenName <i>optional</i>	Given Name	string
phoneNumber <i>optional</i>	List of phone numbers corresponding to the tenant user.	< string > array

Responses

HTTP Code	Description	Schema
200	UserDetails	Response 200
400	Bad Request	Response 400
404	User does not exist	Response 404

Response 200

Name	Description	Schema
accountRole <i>optional</i>	admin or user.	string
createdAt <i>optional</i>	Date/time the resource was created.	string

Name	Description	Schema
createdBy <i>optional</i>	userid of the admin who created the user	string (uuid)
createdByUserName <i>optional</i>	username of the admin who created the user	string
emailVerificationSent <i>optional</i>	True if the email verification has been sent to the user Default : false	boolean
familyName <i>optional</i>	Last name of the tenant user.	string
givenName <i>optional</i>	First name of the tenant user.	string
id <i>optional</i>	GUID representing the resource.	string (uuid)
phoneNumber <i>optional</i>	List of phone numbers corresponding to the tenant user.	< string > array
subscriberGroups <i>optional</i>	The subscriber groups to which the tenant user belongs.	< string > array
updatedAt <i>optional</i>	Date/time the resource was updated	string
username <i>optional</i>	Tenant user's username.	string
verified <i>optional</i>	True if the user's email address has been verified Default : true	boolean

Response 400

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)

Name	Schema
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.spadmin, dpod.tenant.admin

Reset a User's multi-factor token

```
POST /users/{id}/resetMfaToken
```

Description

Reset the multi-factor token for the user with the specified id

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Type	Name	Description	Schema
Query	tenantId <i>optional</i>	The tenant id	string (uuid)

Responses

HTTP Code	Description	Schema
200	The multi-factor token was successfully reset for the tenant user specified	No Content
400	Bad Request	Response 400
404	User does not exist	Response 404

Response 400

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string

Name	Schema
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.spadmin, dpod.tenant.admin, dpod.tenant.appowner, dpod.tenant.admin.unverified, dpod.tenant.spadmin.unverified, dpod.tenant.appowner.unverified

Reset a User's Password

PATCH /users/{id}/resetPassword

Description

Reset the password of the user with the specified id

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)
Query	tenantId <i>optional</i>	The tenant id	string (uuid)

Responses

HTTP Code	Description	Schema
200	The temporary password set for tenant user specified	Response 200
400	Bad Request	Response 400
404	User does not exist	Response 404

Response 200

Name	Description	Schema
temporaryPassword <i>optional</i>	The temporary password set for tenant user specified	string

Response 400

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.spadmin, dpod.tenant.admin

Send the email to verify user's email address

POST /users/{id}/sendVerification

Description

Allow to resend the verification code by email.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)

Responses

HTTP Code	Description	Schema
204	Email sent	No Content
404	The given user does not exist.	Response 404
409	User is already verified.	Response 409

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string

Name	Schema
traceid <i>optional</i>	string

Response 409

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.admin.unverified, dpod.tenant.spadmin.unverified, dpod.tenant.appowner.unverified

Add a service to the given User and subscriber group to which this user belongs

```
PUT /users/{id}/services
```

Description

Add a service to the given User and subscriber group to which this user belongs

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)
Body	addServiceParams <i>required</i>	Add Service params	addServiceParams

addServiceParams

Name	Description	Schema
serviceId <i>optional</i>	Id of service to add	string (uuid)

Responses

HTTP Code	Description	Schema
201	Added Service	Response 201
400	Bad Request	Response 400
403	Unauthorized to access this endpoint	Response 403
404	User does not exist	Response 404

Response 201

Name	Description	Schema
serviceId <i>optional</i>	Id of the service	string (uuid)
subscriberGroups <i>optional</i>	subscriber groups this service was added	< string > array

Response 400

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string

Name	Schema
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 403

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string

Name	Schema
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner

Delete a service from the user and subscriber group this user belongs to

```
DELETE /users/{id}/services/{serviceId}
```

Description

Delete a service from the user and subscriber group this user belongs to

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)
Path	serviceId <i>required</i>	The service id	string (uuid)

Responses

HTTP Code	Description	Schema
204	Service was deleted	No Content
403	Unauthorized to access this endpoint	Response 403

Response 403

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string

Name	Schema
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Security

Type	Name	Scopes
oauth2	OAuth2	dpod.tenant.appowner

Verify the user's email address

```
GET /users/{id}/verify
```

Description

Verify the user's email address by giving the code received in the user's email account.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	The resource ID.	string (uuid)
Query	code <i>required</i>	The one time password to validate a user's email address.	string

Responses

HTTP Code	Description	Schema
204	User is verified	No Content
400	The given code does not exist or is expired	Response 400
404	The given user does not exist.	Response 404
409	User is already verified	Response 409

Response 400

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 404

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string

Response 409

Name	Schema
error <i>optional</i>	string
exception <i>optional</i>	string

Name	Schema
message <i>optional</i>	string
path <i>optional</i>	string
status <i>optional</i>	integer (int32)
timestamp <i>optional</i>	string
traceid <i>optional</i>	string