

# 0G Serving Provider Broker API

## Overview

These APIs allow providers to manage services and user accounts. The host is localhost, and the port is configured in the provider's configuration file, defaulting to 3080.

## Version information

*Version* : 0.1.0

## URI scheme

*Host* : localhost:3080

*BasePath* : /v1

## Paths

### GET /contract-service

#### Description

This endpoint allows you to list all services in the contract

#### Responses

HTTP Code	Description	Schema
200	OK	<a href="#">model.ServiceList</a>

#### Tags

¥ service

### GET /request

#### Description

This endpoint allows you to list requests

#### Parameters

Type	Name	Description	Schema
Query	processed <i>optional</i>	Processed	boolean

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">model.RequestList</a>

## Tags

¥ request

# POST /service

## Description

This endpoint allows you to register service in the contract

## Parameters

Type	Name	Description	Schema
Body	body <i>required</i>	body	<a href="#">model.Service</a>

## Responses

HTTP Code	Description	Schema
204	No Content - success without response body	No Content

## Tags

¥ service

# GET /service

## Description

This endpoint allows you to list all services in the database. Compared to the output from `listServiceInContract`, the `service.url` from this endpoint is the original URL of the service, which is not public.

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">model.ServiceList</a>

## Tags

¥ service

# GET /service/{service}

## Description

This endpoint allows you to get service by name

## Parameters

Type	Name	Description	Schema
Path	<code>service</code> <i>required</i>	Service name	string

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">model.Service</a>

## Tags

¥ service

# PUT /service/{service}

## Description

This endpoint allows you to update service in the contract. The name attribute cannot be updated

## Parameters

Type	Name	Description	Schema
Path	<code>service</code> <i>required</i>	Service name	string

Type	Name	Description	Schema
Body	<i>body required</i>	body	<a href="#">model.Service</a>

## Responses

HTTP Code	Description	Schema
202	Accepted	No Content

## Tags

¥ service

# DELETE /service/{service}

## Description

This endpoint allows you to delete service in the contract

## Parameters

Type	Name	Description	Schema
Path	<i>service required</i>	Service name	string

## Responses

HTTP Code	Description	Schema
202	Accepted	No Content

## Tags

¥ service

# POST /settle

## Description

This endpoint allows you to settle fees for requests from users

## Responses

HTTP Code	Description	Schema
202	Accepted	No Content

## Tags

¥ settle

## POST /sync-account

### Description

This endpoint allows you to synchronize information of all accounts from the contract

## Responses

HTTP Code	Description	Schema
202	Accepted	No Content

## Tags

¥ user

## POST /sync-service

### Description

This endpoint allows you to synchronize all services from local database to the contract

## Responses

HTTP Code	Description	Schema
202	Accepted	No Content

## Tags

¥ service

## GET /user

## Description

This endpoint allows you to list all users who have created accounts for your service

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">model.UserList</a>

## Tags

¥ user

## GET /user/{user}

### Description

This endpoint allows you to get account by user address

### Parameters

Type	Name	Description	Schema
Path	user <i>required</i>	User address	string

## Responses

HTTP Code	Description	Schema
200	OK	<a href="#">model.User</a>

## Tags

¥ user

## POST /user/{user}/sync

### Description

This endpoint allows you to synchronize information of single account from the contract

### Parameters

Type	Name	Description	Schema
Path	user <i>required</i>	User address	string

## Responses

HTTP Code	Description	Schema
202	Accepted	No Content

## Tags

¥ user

# Definitions

## model.ListMeta

Name	Schema
total <i>optional</i>	integer

## model.Request

Name	Schema
createdAt <i>optional</i> <i>read-only</i>	string
fee <i>required</i>	string
inputFee <i>required</i>	string
nonce <i>required</i>	string
previousOutputFee <i>required</i>	string
processed <i>optional</i>	boolean
serviceName <i>required</i>	string

Name	Schema
signature <i>required</i>	string
updatedAt <i>optional</i> <i>read-only</i>	string
userAddress <i>required</i>	string

## model.RequestList

Name	Schema
fee <i>optional</i>	integer
items <i>optional</i>	< <a href="#">model.Request</a> > array
metadata <i>optional</i>	<a href="#">model.ListMeta</a>

## model.Service

Name	Schema
createdAt <i>optional</i> <i>read-only</i>	string
inputPrice <i>required</i>	string
model <i>required</i>	string
name <i>required</i>	string
outputPrice <i>required</i>	string
type <i>required</i>	string
updatedAt <i>optional</i> <i>read-only</i>	string
url <i>required</i>	string



Name	Schema
verifiability <i>required</i>	string

## model.ServiceList

Name	Schema
items <i>optional</i>	< <a href="#">model.Service</a> > array
metadata <i>optional</i>	<a href="#">model.ListMeta</a>

## model.User

Name	Schema
createdAt <i>optional</i> <i>read-only</i>	string
lastBalanceCheckTime <i>optional</i>	string
lastRequestNonce <i>optional</i>	string
lastResponseFee <i>optional</i>	string
lockBalance <i>optional</i>	string
signer <i>optional</i>	< string > array
unsettledFee <i>optional</i>	string
updatedAt <i>optional</i> <i>read-only</i>	string
user <i>required</i>	string

## model.UserList

Name	Schema
items <i>optional</i>	< <a href="#">model.User</a> > array
metadata <i>optional</i>	<a href="#">model.ListMeta</a>