

Key-Values API

Keys and Values can be created, edited, and deleted through the key-values api. Once keys have been created, you can add them to supply tags for reporting. You can also apply key-value targeting to demand tags.

Visit the [Keys](#) page for more information on Keys and Values.

- [Create Keys](#)
 - [SDK](#)
 - [API](#)
- [Get Keys](#)
 - [SDK](#)
 - [API](#)
- [Get Values](#)
 - [SDK](#)
 - [API](#)
- [Edit Keys](#)
 - [SDK](#)
 - [API](#)
- [Edit Values](#)
 - [SDK](#)
 - [API](#)
- [Add Values to Existing Key](#)
 - [SDK](#)
 - [API](#)
- [Add Keys to Supply Tag](#)
 - [SDK](#)
 - [API](#)

Create Keys

SDK

```
In [1]: import springserve

In [2]: key = springserve.keys.new({'name': 'New Key', 'key': 'new_key', 'definition_type': 'predefined'})

In [3]: key.ok
Out [3]: True

In [4]: print key.id
Out [4]: 28
```

API

POST /api/v0/keys

Headers

```
Content-Type application/json
Authorization "yourAuthToken"
```

Body (example)

```
{
  "name": "TEST API DOCS",
  "key": "test_api",
  "definition_type": "predefined"
}
```

Required parameters: name, key, definition_type

Response

Status code 200

```
{
  "id":30,
  "account_id":1,
  "name":"TEST API DOCS",
  "key":"test_api",
  "description":null,
  "definition_type":"predefined"
}
```

Get Keys

SDK

```
In [1]: key = springserve.keys.get(27)

In [2]: key.ok
Out [2]: True

In [3]: print key.name
Out [3]: "TEST API DOCS"
```

API

GET /api/v0/keys

Headers

```
Content-Type application/json
Authorization "yourAuthToken"
```

Response

Status code 200

```
{
  "id":30,
  "account_id":1,
  "name":"TEST API DOCS",
  "key":"test_api",
  "description":null,
  "definition_type":"predefined"
}
```

Get Values

SDK

```
In [1]: key = springserve.keys.get(27)

In [2]: values = key.get_values()

In [3]: for v in values:
...:     print v.id
Out [3]: 104
         105
         106
```

API

GET /api/v0/keys/<key_id>/values/<id>

Headers

```
Content-Type application/json
Authorization "yourAuthToken"
```

Response

Status code 200

```
{
  "id":57,
  "name":"TEST API DOCS",
  "value":"test_api"
}
```

Edit Keys

SDK

```
In [1]: key = springserve.keys.get(27)

In [2]: key.description = "Updated Description"

In [3]: saved = key.save()

In [4]: saved.ok
Out [4]: True
```

API

PUT /api/v0/keys/<id>

Headers

```
Content-Type application/json
Authorization "yourAuthToken"
```

Body (example)

```
{
  "name": "I want to change the name"
}
```

Response

Status code 200

```
{
  "id":30,
  "account_id":1,
  "name":"I want to change the name",
  "key":"test_api",
  "description":null,
  "definition_type":"predefined"
}
```

Edit Values

SDK

```
In [1]: key = springserve.keys.get(27)

In [2]: values = key.get_values()

In [3]: value = values[0]

In [4]: value.name = 'Updated value name'

In [5]: saved = value.save()

In [6]: saved.ok
Out [6]: True
```

API

PUT /api/v0/keys/<id>/values/<id>

Headers

```
Content-Type application/json
Authorization "yourAuthToken"
```

Body (example)

```
{
  "name": "I want to change the name"
}
```

Response

Status code 200

```
{
  "id": 57,
  "name": "I want to change the name",
  "value": "test_api"
}
```

Add Values to Existing Key

SDK

```
In [1]: key = springserve.keys.get(27)

In [2]: value = key.add_value({'name': 'new_value', 'value': '4'})

In [3]: saved = value.save()

In [4]: saved.ok
Out [4]: True
```

API

POST /api/v0/keys/<id>/values

Headers

```
Content-Type application/json
Authorization "yourAuthToken"
```

Body (example)

```
{
  "name": "TEST API DOCS",
  "value": "test_api"
}
```

Required parameters: name, value

Response

Status code 200

```
{
  "id": 57,
  "name": "TEST API DOCS",
  "value": "test_api"
}
```

Add Keys to Supply Tag

SDK

```
In [1]: tag = springserve.supply_tags.get(28852)

In [2]: tag.key_ids
Out [2]: []

In [4]: tag.key_ids.append(27)

In [5]: saved = tag.save()

In [6]: saved.ok
Out [6]: True
```

API

PUT /api/v0/supply_tags/<id>

Headers

```
Content-Type application/json
Authorization "yourAuthToken"
```

Body (example)

```
{
  "key_ids": 27
}
```

Response

Status code 200

```
{
  "vast_endpoint_url": "http://myvastendpoint.com/123",
  "demand_type": 2,
  "impression_budget": -1,
  "rate": "10.0",
  "domain_targeting": "None",
  "id": 30424,
  "domain_list_ids": [],
  "country_codes": [],
  "start_date": null,
  "account_id": 1,
  "end_date": null,
  "key_ids": 27,
  "demand_code": null,
  "active": true,
  "country_targeting": "None",
  "demand_tag_type": 2,
  "name": "I want to change the name",
  "request_budget": -1,
  "player_size_targeting": "All",
  "allowed_player_sizes": [
    "s",
    "m",
    "l",
    "u"
  ],
  "timeout": 20000,
  "demand_group_id": null,
  "demand_partner_id": null
}
```