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[I'll put it here
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# Introduction

## References

Referenced documents in creation of this document are listed in the Table 1.

|  |  |  |  |
| --- | --- | --- | --- |
| Document Reference | Document Title | Version | Filename |
| [1] | [[ reference-doc-title ]] |  | [[ reference-doc-filename ]] |
| [2] |  |  |  |
| [3] |  |  |  |
| [4] |  |  |  |
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Table 1: Document references

# Markdown3

## Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

### TODO

#### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

#### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

#### Login

##### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

##### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

##### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

#### Logout

##### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Logout response

HTTP/1.1 204 No Content

#### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

#### Voucher detail

##### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

#### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

##### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

#### Voucher order detail

##### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

#### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

##### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

#### Content

See [Content Service] for more information on the source of these fields.

##### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

##### Content response

HTTP/1.1 200 OK
Content-Type: application/json

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

#### Verification

See for more information on the source of these fields.

##### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

##### Verification by phone number response

HTTP/1.1 200 OK
Content-Type: application/json

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

##### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

##### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

#### Cookies

##### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

##### Cookies response

HTTP/1.1 200 OK

#### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

##### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

#### i18 internationalization

* Retrieves i18next json based on requested language

##### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

# Markdown3

## Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

### TODO

#### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

#### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

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### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

#### Login

##### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

##### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

##### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

#### Logout

##### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Logout response

HTTP/1.1 204 No Content

#### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

#### Voucher detail

##### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

#### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

##### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

#### Voucher order detail

##### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

#### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

##### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

#### Content

See [Content Service] for more information on the source of these fields.

##### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

##### Content response

HTTP/1.1 200 OK
Content-Type: application/json

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

#### Verification

See for more information on the source of these fields.

##### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

##### Verification by phone number response

HTTP/1.1 200 OK
Content-Type: application/json

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

##### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

##### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

#### Cookies

##### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

##### Cookies response

HTTP/1.1 200 OK

#### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

##### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

#### i18 internationalization

* Retrieves i18next json based on requested language

##### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

# Markdown4-2

## From today's featured article



Lionel Matthews (15 August 1912 -- 2 March 1944) was an Australian Army officer during World War II who was posthumously awarded the George Cross, the highest non-combat award for heroism for members of the Australian armed forces at the time. Matthews served in the 27th Brigade during the Malayan campaign, and at the surrender of Singapore in 1942 became a prisoner of war (POW). He was awarded the Military Cross for courage, energy and ability under fire during this fighting.

### Did you know ...

* that in 2017 you could finally have breakfast at Tiffany's (pictured)?
* that the British mycologist Denis Garrett, "one of the last 'string and sealing wax' scientists", once bought plastic lavatory cisterns for his laboratory to use in experiments?
* that sand in the stomach of the ocean surgeon helps to grind up its food?

#### In the news

1. More than 300 girls are kidnapped from a secondary school by armed bandits in Zamfara, Nigeria.
2. In tennis, Naomi Osaka wins the women's singles and Novak Djokovic wins the men's singles at the Australian Open (both winners pictured).

##### On this day

###### March 2

**1444** -- The League of Lezhë, an alliance of regional chieftains, was established in Venetian Albania with Skanderbeg as its commander.

**1865** -- New Zealand Wars: Carl Sylvius Völkner (pictured), a Protestant missionary, was killed by Hauhau militants in Ōpōtiki for working as an agent for George Grey, Governor-General of New Zealand.

**1937** -- The Steel Workers Organizing Committee, precursor to the United Steel Workers of America, had a major success when it signed a collective-bargaining agreement with U.S. Steel.

**1962** -- Led by General Ne Win, the Burmese military seized power in a coup d'état.

~~aaaaaaaaaaaaaaaaaa~~

Today's featured picture



## Armed conflicts and attacks

* Zamfara kidnapping
  1. All 279 abducted schoolgirls from a boarding school in Zamfara State, Nigeria, are released by their armed kidnappers. (Reuters)

### Health and environment

* [COVID-19 pandemic](https://en.wikipedia.org/wiki/COVID-19_pandemic)
  1. [[COVID-19 pandemic in Asia](https://en.wikipedia.org/wiki/COVID-19_pandemic_in_Asia" \o "COVID-19 pandemic in Asia)](https://en.wikipedia.org/wiki/COVID-19_pandemic_in_Asia)
     + [COVID-19 pandemic in Indonesia](https://en.wikipedia.org/wiki/COVID-19_pandemic_in_Indonesia)
       - [Indonesia](https://en.wikipedia.org/wiki/Indonesia) reports their first two cases of [Lineage B.1.1.7](https://en.wikipedia.org/wiki/Lineage_B.1.1.7) variant first detected in the United Kingdom. (Liputan6.com)
     + [COVID-19 pandemic in Iraq](https://en.wikipedia.org/wiki/COVID-19_pandemic_in_Iraq)
       - Iraq receives 50,000 doses of Sinopharm vaccines as the country officially begins its vaccination campaign. (Asharq Al-Awsat)
     + COVID-19 pandemic in Mongolia
       - Mongolia surpasses 3,000 cases of COVID-19. (Montsame)
     + COVID-19 pandemic in the Philippines
       - The Philippines reports their first six cases of 501.V2 variant first detected in South Africa. (GMA News)

# Markdown3

## Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

### TODO

#### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

#### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

#### Login

##### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

##### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

##### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

#### Logout

##### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Logout response

HTTP/1.1 204 No Content

#### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

#### Voucher detail

##### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

#### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

##### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

#### Voucher order detail

##### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

#### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

##### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

#### Content

See [Content Service] for more information on the source of these fields.

##### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

##### Content response

HTTP/1.1 200 OK
Content-Type: application/json

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

#### Verification

See for more information on the source of these fields.

##### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

##### Verification by phone number response

HTTP/1.1 200 OK
Content-Type: application/json

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

##### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

##### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

#### Cookies

##### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

##### Cookies response

HTTP/1.1 200 OK

#### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

##### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

#### i18 internationalization

* Retrieves i18next json based on requested language

##### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

# Markdown3

## Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

### TODO

#### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

#### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

#### Login

##### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

##### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

##### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

#### Logout

##### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Logout response

HTTP/1.1 204 No Content

#### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

#### Voucher detail

##### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

#### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

##### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

#### Voucher order detail

##### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

#### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

##### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

#### Content

See [Content Service] for more information on the source of these fields.

##### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

##### Content response

HTTP/1.1 200 OK
Content-Type: application/json

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

#### Verification

See for more information on the source of these fields.

##### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

##### Verification by phone number response

HTTP/1.1 200 OK
Content-Type: application/json

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

##### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

##### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

#### Cookies

##### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

##### Cookies response

HTTP/1.1 200 OK

#### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

##### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

#### i18 internationalization

* Retrieves i18next json based on requested language

##### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

# Markdown4-2

## From today's featured article



Lionel Matthews (15 August 1912 -- 2 March 1944) was an Australian Army officer during World War II who was posthumously awarded the George Cross, the highest non-combat award for heroism for members of the Australian armed forces at the time. Matthews served in the 27th Brigade during the Malayan campaign, and at the surrender of Singapore in 1942 became a prisoner of war (POW). He was awarded the Military Cross for courage, energy and ability under fire during this fighting.

### Did you know ...

* that in 2017 you could finally have breakfast at Tiffany's (pictured)?
* that the British mycologist Denis Garrett, "one of the last 'string and sealing wax' scientists", once bought plastic lavatory cisterns for his laboratory to use in experiments?
* that sand in the stomach of the ocean surgeon helps to grind up its food?

#### In the news

1. More than 300 girls are kidnapped from a secondary school by armed bandits in Zamfara, Nigeria.
2. In tennis, Naomi Osaka wins the women's singles and Novak Djokovic wins the men's singles at the Australian Open (both winners pictured).

##### On this day

###### March 2

**1444** -- The League of Lezhë, an alliance of regional chieftains, was established in Venetian Albania with Skanderbeg as its commander.

**1865** -- New Zealand Wars: Carl Sylvius Völkner (pictured), a Protestant missionary, was killed by Hauhau militants in Ōpōtiki for working as an agent for George Grey, Governor-General of New Zealand.

**1937** -- The Steel Workers Organizing Committee, precursor to the United Steel Workers of America, had a major success when it signed a collective-bargaining agreement with U.S. Steel.

**1962** -- Led by General Ne Win, the Burmese military seized power in a coup d'état.

~~aaaaaaaaaaaaaaaaaa~~

Today's featured picture



## Armed conflicts and attacks

* Zamfara kidnapping
  1. All 279 abducted schoolgirls from a boarding school in Zamfara State, Nigeria, are released by their armed kidnappers. (Reuters)

### Health and environment

* [COVID-19 pandemic](https://en.wikipedia.org/wiki/COVID-19_pandemic)
  1. [[COVID-19 pandemic in Asia](https://en.wikipedia.org/wiki/COVID-19_pandemic_in_Asia" \o "COVID-19 pandemic in Asia)](https://en.wikipedia.org/wiki/COVID-19_pandemic_in_Asia)
     + [COVID-19 pandemic in Indonesia](https://en.wikipedia.org/wiki/COVID-19_pandemic_in_Indonesia)
       - [Indonesia](https://en.wikipedia.org/wiki/Indonesia) reports their first two cases of [Lineage B.1.1.7](https://en.wikipedia.org/wiki/Lineage_B.1.1.7) variant first detected in the United Kingdom. (Liputan6.com)
     + [COVID-19 pandemic in Iraq](https://en.wikipedia.org/wiki/COVID-19_pandemic_in_Iraq)
       - Iraq receives 50,000 doses of Sinopharm vaccines as the country officially begins its vaccination campaign. (Asharq Al-Awsat)
     + COVID-19 pandemic in Mongolia
       - Mongolia surpasses 3,000 cases of COVID-19. (Montsame)
     + COVID-19 pandemic in the Philippines
       - The Philippines reports their first six cases of 501.V2 variant first detected in South Africa. (GMA News)

# Markdown3

## Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

### TODO

#### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

#### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

#### Login

##### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

##### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

##### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

#### Logout

##### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Logout response

HTTP/1.1 204 No Content

#### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

#### Voucher detail

##### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

#### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

##### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

#### Voucher order detail

##### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

#### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

##### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

#### Content

See [Content Service] for more information on the source of these fields.

##### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

##### Content response

HTTP/1.1 200 OK
Content-Type: application/json

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

#### Verification

See for more information on the source of these fields.

##### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

##### Verification by phone number response

HTTP/1.1 200 OK
Content-Type: application/json

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

##### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

##### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

#### Cookies

##### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

##### Cookies response

HTTP/1.1 200 OK

#### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

##### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

#### i18 internationalization

* Retrieves i18next json based on requested language

##### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

# UC3 Just testing

## Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

### TODO

#### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

#### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

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### Edge Service Relay

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See [Message Relay] for more information.

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Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

#### Login

##### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

##### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

##### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

#### Logout

##### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Logout response

HTTP/1.1 204 No Content

#### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

#### Voucher detail

##### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

#### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

##### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

#### Voucher order detail

##### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

#### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

##### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

#### Content

See [Content Service] for more information on the source of these fields.

##### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

##### Content response

HTTP/1.1 200 OK
Content-Type: application/json

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

#### Verification

See for more information on the source of these fields.

##### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

##### Verification by phone number response

HTTP/1.1 200 OK
Content-Type: application/json

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

##### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

##### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

#### Cookies

##### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

##### Cookies response

HTTP/1.1 200 OK

#### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

##### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

#### i18 internationalization

* Retrieves i18next json based on requested language

##### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

# UC3 Just testing

## Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

### TODO

#### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

#### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

#### Login

##### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

##### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

##### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

#### Logout

##### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Logout response

HTTP/1.1 204 No Content

#### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

#### Voucher detail

##### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

#### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

##### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

#### Voucher order detail

##### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

#### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

##### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

#### Content

See [Content Service] for more information on the source of these fields.

##### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

##### Content response

HTTP/1.1 200 OK
Content-Type: application/json

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

#### Verification

See for more information on the source of these fields.

##### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

##### Verification by phone number response

HTTP/1.1 200 OK
Content-Type: application/json

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

##### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

##### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

#### Cookies

##### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

##### Cookies response

HTTP/1.1 200 OK

#### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

##### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

#### i18 internationalization

* Retrieves i18next json based on requested language

##### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

# Backticks

## Backticks MD file

this is single line of backticks

Tis is text which contains text under backticks

this is backticks this is regular text

several text lines under single backticks several text lines under single backticks several text lines under single backticks several text lines under single backticks several text lines under single backticks several text lines under single backticks several text lines under single backticks several text lines under single backticks several text lines under single backticks several text lines under single backticks several text lines under single backticks several text lines under single backticks several text lines under single backticks

### Backtickts in heading

test test test test test test test test test test test test test test test test test test test test test test test test test test test test test test

## End of file

test

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### Backtickts in heading

test test test test test test test test test test test test test test test test test test test test test test test test test test test test test test

## End of file

test

# Just checking tables - heading 1

## Tables are under heading 2

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

Table

| Option | Description |
| --- | --- |
| data | path to data files to supply the data that will be passed into templates. |
| engine | engine to be used for processing templates. Handlebars is the default. |
| ext | extension to be used for dest files. |

Table

# test2

## Markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2

### Formatted Text Examples

Below is an illustration of the Format toolbar used to format text:

Here are some examples of the effects different options have on text:

#### Font buttons:

As well as the standard Font drop down box showing a list of all the fonts on your system and the **Point** size box that allows you to set the font size,
two shortcut buttons have been added that allow you to increase the selected text or group of text objects at the press of a button:

1 Will increase the font size by 2 points every time you press the button.

2 Will decrease the font size by 2 points every time you press the button.

#### Text Format:

**The standard text format options are also available for text i.e. bold, italic, underline and outline:**

3 

4 

5 

6 

Note:
**You can combine any of these formats together, as in the last example above which is a combination of the bold, underline and outline formats.**

#### Text Justification:

* Text can be aligned to the
  1. left,
  2. right,
  3. centre
* or one of the three full justifications: Full Justification, Density Justification and Aspect Justification.

Note:
The Full justification spreads the words across the page but does not change the size of them. The Density Justification also spreads the words and does not change their size but puts spaces between the characters in a word. The Aspect Justification spreads the words but stretches the words to fill the space as well.

The Density and Aspect methods can provide some visually interesting effects.

[Go back to the top](#Formatted-Text-Examples)

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* [Link 1](https://guides.github.com/features/mastering-markdown/)
  1. This is link 1
* [Link 2](https://markdown-it.github.io/)
  1. This is link 2
* [Link 3](https://confluence.atlassian.com/bitbucketserver/markdown-syntax-guide-776639995.html)
  1. This is link 3
     + [Link 4](https://github.com/luong-komorebi/Markdown-Tutorial/blob/master/README.md)
       - This is link 4 ordered under link 3

#### I just have to store some code here, if you don't mind

##### I'll put it here

**LoGiC** iS **rEaL** !!!

if(a == 0){
a = 0;
}

##### And also here

**It's getting better**

if (false == true) {
// log some message
}

##### You know the process...

I'll just assert and finish this...

public void justAssert(){
boolean checkTrue = true;
Assert.assertTrue(checkTrue);
}
//let me return true he he
public boolean trueStatement(){
return true;
}

## Markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2markdown2-2

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Figure 1: Last Page