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Author Contact: [[doc-author-email]]

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```
Table of Contents
 Introduction 14
    References 14
 Markdown2 16
    Formatted Text Examples 16
      Font buttons:
                    16
      Text Format:
                    16
      Text Justification:
    Useful markdown links:
                             16
      I just have to store some code here, if you don't mind
        I'll put it here
                      17
        And also here
                       17
        You know the process... 17
       18
 test
    Markdown3 18
      Edge Service 18
        TODO
                18
          TODO version 1.0 18
          TODO version 1.0-next
        Test environment and credentials 18
        Edge Service Registry 18
        Edge Service Relay 18
        Edge Service Client 18
        ReST API 18
          Login 19
             Login request
             Login response
             Cookies
                     19
          Logout
                   19
             Logout request 19
             Logout response 19
           Voucher list 19
             Voucher list request 19
             Voucher list response 19
           Voucher detail 19
             Voucher detail request 19
             Voucher detail response 19
           Voucher order
                         19
             Voucher order request 19
             Voucher order response 20
           Voucher order detail 20
             Voucher order detail request 20
             Voucher order detail response 20
          Provider Text 20
             Provider Text request 20
```



| Provider Text response 21 |
|---|
| Content 21 |
| Content request 21 |
| Content response 21 |
| Verification 21 |
| Verification request by phone number 21 |
| Verification by phone number response 21 |
| Verification request by sms 21 |
| Verification by sms number response 21 |
| Cookies 21 |
| Cookies request 21 |
| Cookies response 21 |
| Documentation 21 |
| Documentation request 21 |
| Documentation response 21 |
| i18 internationalization 21 |
| |
| i18 request 21 |
| UC3 Just testing 21 |
| Edge Service 21 |
| TODO 21 |
| TODO version 1.0 22 |
| TODO version 1.0-next 22 |
| Test environment and credentials 22 |
| Edge Service Registry 22 |
| Edge Service Relay 22 |
| Edge Service Client 22 |
| ReST API 22 |
| Login 22 |
| Login request 22 |
| Login response 23 |
| Cookies 23 |
| Logout 23 |
| Logout request 23 |
| Logout response 23 |
| Voucher list 23 |
| Voucher list request 23 |
| Voucher list response 23 |
| Voucher detail 23 |
| |
| 1 |
| Voucher detail response 23 Voucher order 23 |
| |
| Voucher order request 23 |
| Voucher order response 24 |
| Voucher order detail 24 |
| Voucher order detail request 24 |
| Voucher order detail response 24 |
| Provider Text 24 |
| Provider Text request 24 |
| Provider Text response 24 |



| Content 25 |
|--|
| Content request 25 |
| Content response 25 |
| Verification 25 |
| Verification request by phone number 25 |
| Verification by phone number response 25 |
| Verification request by sms 25 |
| Verification by sms number response 25 |
| Cookies 25 |
| Cookies request 25 |
| Cookies response 25 |
| Documentation 25 |
| Documentation request 25 |
| Documentation response 25 |
| i18 internationalization 25 |
| i18 request 25 |
| • |
| Markdown3 25 |
| Edge Service 25 |
| TODO 25 |
| TODO version 1.0 25 |
| TODO version 1.0-next 26 |
| Test environment and credentials 26 |
| Edge Service Registry 26 |
| Edge Service Relay 26 |
| Edge Service Client 26 |
| ReST API 26 |
| Login 26 |
| Login request 26 |
| Login response 27 |
| Cookies 27 |
| Logout 27 |
| Logout request 27 |
| Logout response 27 |
| Voucher list 27 |
| Voucher list request 27 |
| Voucher list response 27 |
| Voucher detail 27 |
| Voucher detail request 27 |
| Voucher detail response 27 |
| Voucher order 27 |
| Voucher order request 27 |
| Voucher order response 28 |
| Voucher order detail 28 |
| Voucher order detail request 28 |
| Voucher order detail response 28 |
| Provider Text 28 |
| Provider Text request 28 |
| Provider Text response 28 |
| Content 28 |



| Content request 28 |
|--|
| Content response 29 |
| Verification 29 |
| Verification request by phone number 29 |
| Verification by phone number response 29 |
| Verification request by sms 29 |
| Verification by sms number response 29 |
| Cookies 29 |
| Cookies request 29 |
| Cookies response 29 |
| Documentation 29 |
| Documentation request 29 |
| Documentation response 29 |
| i18 internationalization 29 |
| i18 request 29 |
| • |
| Markdown3 29 |
| Edge Service 29 |
| TODO 29 |
| TODO version 1.0 29 |
| TODO version 1.0-next 29 |
| Test environment and credentials 29 |
| Edge Service Registry 30 |
| Edge Service Relay 30 |
| Edge Service Client 30 |
| ReST API 30 |
| Login 30 |
| Login request 30 |
| Login response 30 |
| Cookies 30 |
| Logout 31 |
| Logout request 31 |
| Logout response 31 |
| Voucher list 31 |
| Voucher list request 31 |
| Voucher list response 31 |
| Voucher detail 31 |
| Voucher detail request 31 |
| Voucher detail response 31 |
| Voucher order 31 |
| Voucher order request 31 |
| Voucher order response 32 |
| Voucher order detail 32 |
| Voucher order detail request 32 |
| Voucher order detail response 32 |
| Provider Text 32 |
| Provider Text request 32 |
| Provider Text response 32 |
| Content 32 |
| Content request 32 |



| Content response 32 |
|---|
| Verification 32 |
| Verification request by phone number 33 |
| Verification by phone number response 33 |
| Verification request by sms 33 |
| Verification by sms number response 33 |
| Cookies 33 |
| Cookies request 33 |
| Cookies response 33 |
| Documentation 33 |
| Documentation request 33 |
| Documentation response 33 |
| i18 internationalization 33 |
| i18 request 33 |
| - |
| Markdown3 33 |
| Edge Service 33 |
| TODO 33 |
| TODO version 1.0 33 |
| TODO version 1.0-next 33 |
| Test environment and credentials 33 |
| Edge Service Registry 34 |
| Edge Service Relay 34 |
| Edge Service Client 34 |
| ReST API 34 |
| Login 34 |
| Login request 34 |
| Login response 34 |
| Cookies 34 |
| Logout 34 |
| Logout request 34 |
| Logout response 35 |
| Voucher list 35 |
| Voucher list request 35 |
| Voucher list response 35 |
| Voucher detail 35 |
| |
| Voucher detail request 35 |
| Voucher detail response 35 Voucher order 35 |
| |
| Voucher order request 35 |
| Voucher order response 36 |
| Voucher order detail 36 |
| Voucher order detail request 36 |
| Voucher order detail response 36 |
| Provider Text 36 |
| Provider Text request 36 |
| Provider Text response 36 |
| Content 36 |
| Content request 36 |
| Content response 36 |



| Verification 36 |
|--|
| Verification request by phone number 37 |
| Verification by phone number response 37 |
| Verification request by sms 37 |
| Verification by sms number response 37 |
| Cookies 37 |
| Cookies request 37 |
| Cookies response 37 |
| Documentation 37 |
| Documentation request 37 |
| Documentation response 37 |
| i18 internationalization 37 |
| i18 request 37 |
| • |
| Markdown3 37 |
| Edge Service 37 |
| TODO 37 |
| TODO version 1.0 37 |
| TODO version 1.0-next 37 |
| Test environment and credentials 37 |
| Edge Service Registry 38 |
| Edge Service Relay 38 |
| Edge Service Client 38 |
| ReST API 38 |
| Login 38 |
| Login request 38 |
| Login response 38 |
| Cookies 38 |
| Logout 38 |
| Logout request 38 |
| Logout response 39 |
| Voucher list 39 |
| Voucher list request 39 |
| Voucher list response 39 |
| Voucher detail 39 |
| Voucher detail request 39 |
| Voucher detail response 39 |
| Voucher order 39 |
| Voucher order request 39 |
| Voucher order response 40 |
| Voucher order detail 40 |
| Voucher order detail request 40 |
| Voucher order detail response 40 |
| Provider Text 40 |
| Provider Text request 40 |
| Provider Text response 40 |
| Content 40 |
| Content request 40 |
| Content request 40 Content response 40 |
| Verification 40 |
| v 611116ation 40 |



Verification request by phone number Verification by phone number response 41 Verification request by sms Verification by sms number response 41 Cookies Cookies request 41 Cookies response Documentation 41 Documentation request 41 Documentation response 41 i18 internationalization 41 i18 request 41 Markdown2 41 Formatted Text Examples Font buttons: 41 Text Format: 41 Text Justification: 42 Useful markdown links: 42 I just have to store some code here, if you don't mind I'll put it here 42 And also here 42 You know the process... 42 Markdown3 42 Edge Service 42 TODO 42 TODO version 1.0 42 TODO version 1.0-next Test environment and credentials 42 Edge Service Registry 43 Edge Service Relay Edge Service Client 43 ReST API 43 Login 43 Login request 43 Login response Cookies 43 Logout 44 Logout request 44 Logout response 44 Voucher list 44 Voucher list request 44 Voucher list response 44 Voucher detail 44 Voucher detail request 44 Voucher detail response 44 Voucher order Voucher order request 44 Voucher order response 45 Voucher order detail 45



Voucher order detail request Voucher order detail response Provider Text 45 Provider Text request 45 Provider Text response 45 Content 45 Content request 45 Content response 45 Verification 45 Verification request by phone number Verification by phone number response Verification request by sms 46 Verification by sms number response Cookies 46 Cookies request 46 Cookies response Documentation 46 Documentation request 46 Documentation response i18 internationalization 46 i18 request 46 UC3 Just testing 46 Edge Service 46 TODO TODO version 1.0 46 TODO version 1.0-next Test environment and credentials 46 Edge Service Registry 47 Edge Service Relay Edge Service Client 47 ReST API 47 Login 47 Login request 47 Login response 47 Cookies 47 Logout 47 Logout request 47 Logout response Voucher list 48 Voucher list request 48 Voucher list response Voucher detail 48 Voucher detail request 48 Voucher detail response 48 Voucher order 48 Voucher order request 48 Voucher order response Voucher order detail 49 Voucher order detail request 49



| Voucher order detail response 49 |
|---|
| Provider Text 49 |
| Provider Text request 49 |
| Provider Text response 49 |
| Content 49 |
| Content request 49 |
| Content response 49 |
| Verification 49 |
| Verification request by phone number 50 |
| Verification by phone number response 50 |
| Verification request by sms 50 |
| Verification by sms number response 50 |
| Cookies 50 |
| Cookies request 50 |
| Cookies response 50 |
| Documentation 50 |
| Documentation request 50 |
| Documentation response 50 |
| i18 internationalization 50 |
| i18 request 50 |
| • |
| UC3 Just testing 50 Edge Service 50 |
| TODO 50 |
| TODO version 1.0 50 |
| TODO version 1.0-next 50 |
| |
| Test environment and credentials 50 |
| Test environment and credentials 50 Edge Service Registry 51 |
| Edge Service Registry 51 |
| Edge Service Registry 51 Edge Service Relay 51 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 Logout 51 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 Logout request 51 Logout response 52 Voucher list 52 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 Logout request 51 Logout request 51 Voucher list 52 Voucher list request 52 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 Logout request 51 Logout request 51 Voucher list 52 Voucher list request 52 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 Logout request 51 Logout request 52 Voucher list request 52 Voucher list response 52 Voucher detail 52 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 Logout request 51 Logout response 52 Voucher list 52 Voucher list request 52 Voucher detail 52 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 Logout request 51 Logout request 52 Voucher list 52 Voucher list request 52 Voucher detail 52 Voucher detail 52 Voucher detail 52 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 Logout request 51 Logout request 52 Voucher list 52 Voucher list response 52 Voucher detail 52 Voucher detail request 52 Voucher detail response 52 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 Logout request 51 Logout request 52 Voucher list 52 Voucher list request 52 Voucher detail 52 Voucher detail request 52 Voucher detail response 52 Voucher order 52 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 Logout request 51 Logout response 52 Voucher list 52 Voucher list request 52 Voucher detail 52 Voucher detail request 52 Voucher detail response 52 Voucher order 52 Voucher order 52 Voucher order 52 |
| Edge Service Registry 51 Edge Service Relay 51 Edge Service Client 51 ReST API 51 Login 51 Login request 51 Login response 51 Cookies 51 Logout 51 Logout request 51 Logout request 52 Voucher list 52 Voucher list request 52 Voucher detail 52 Voucher detail request 52 Voucher order request 52 Voucher order request 52 Voucher order response 52 |



Provider Text 53 Provider Text request 53 Provider Text response 53 Content 53 Content request 53 Content response Verification 53 Verification request by phone number Verification by phone number response 54 Verification request by sms 54 Verification by sms number response 54 Cookies Cookies request 54 Cookies response 54 Documentation 54 Documentation request 54 Documentation response i18 internationalization 54 i18 request Markdown3 55 Edge Service 55 TODO 55 TODO version 1.0 TODO version 1.0-next 55 Test environment and credentials 55 Edge Service Registry Edge Service Relay Edge Service Client ReST API 55 Login 56 Login request 56 Login response 56 Cookies 56 Logout 56 Logout request 56 Logout response 56 Voucher list 56 Voucher list request 56 Voucher list response 56 Voucher detail 56 Voucher detail request 56 Voucher detail response 56 Voucher order 56 Voucher order request 56 Voucher order response 57 Voucher order detail Voucher order detail request 57 Voucher order detail response 57 Provider Text 57



Provider Text request 57 Provider Text response 58 Content 58 Content request 58 Content response 58 Verification 58 Verification request by phone number Verification by phone number response 58 Verification request by sms Verification by sms number response 58 Cookies 58 Cookies request 58 Cookies response 58 Documentation 58 Documentation request 58 Documentation response 58 i18 internationalization 58 i18 request

Markdown1-2 59

PUZZLES CLOUD MARKDOWN FILE HEADING 1 59

Welcome to the puzzles cloud md file HEADING 2 59
Let's start with stupid jokes HEADING 3 59
Let me tell you stupid joke on German: HEADING4 59
Let's switch to the Czech language HEADING 4 59
Real Czech language HEADING 5 59

Longest Serbian word he he HEADING 1 59

Serbian literature HEADING 2 59

It's enough, lets start with some smart things HEADING 1 59

Table of Tables

Table 1: Document references 14



1 Introduction

1.1 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] | | | |
| [5] | | | |
| [6] | | | |
| [7] | | | |
| [8] | | | |

Table 1: Document references





2 Markdown2

2.1 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:

2.1.1 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:

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

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

2.1.2 Text Format:

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



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.

2.1.3 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

2.2 Useful markdown links:

```
# <u>Link 1</u>
```

1. This is link 1

<u>Link 2</u>

1. This is link 2

Link 3

1. This is link 3

Link 4

This is link 4 ordered under link 3

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



2.2.1.1 I'll put it here

LoGiC iS rEaL !!!

It's getting better

if (false == true) { // log some message } 2.2.1.3 You know the process...

I'll just assert and finish this...



3 test

3.1 Markdown3

3.1.1 Edge Service

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

3.1.1.1 TODO

- 3.1.1.1.1 TODO version 1.0
 - # [x] Test environment and credentials
 - # [x] specify voucher content fields
 - # [x] specify voucher pricing fields
 - # [x] specify payment method fields
- 3.1.1.1.2 TODO version 1.0-next
 - # [] refactor entities and apply relationships
 - # [] provide full resource schemas
 - # [] enforce validation of resource schemas

3.1.1.2 Test environment and credentials

TODO

| Username | Password | Description |
|----------------|----------|----------------|
| test@test.org | test | just protected |
| test@gmail.com | test | just testing |
| testtest | test | qa |

3.1.1.3 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 unregister on shutdown.

3.1.1.4 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.

3.1.1.5 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.

3.1.1.6 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].

3.1.1.6.1 Login Login request 3.1.1.6.1.1 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 MzAwMDAwMTY6dG9wLXNIY3JldC1wYXNzcGhyYXNl \${ICP_SHOP_PASSPHRASE} POST /api/rest/v1/auth/login HTTP/1.1 Authorization: Basic \${ICP_SHOP_DIGEST} Accept: application/vnd.api+json 3.1.1.6.1.2 Login response HTTP/1.1 201 Created Content-Type: application/vnd.api+json 3.1.1.6.1.3 Cookies Domain **Expires HttpOnly** Name Value Path Secure **SESSION** MmQ5ZjkxOGItMilasted,coovapidibloji1MocksymUw&jrissioziiZDY5 true false 3.1.1.6.2 3.1.1.6.2.1 Logout request Variables **Description Example** POST /api/rest/v1/auth/logout HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.1.1.6.2.2 Logout response HTTP/1.1 204 No Content 3.1.1.6.3 Voucher list See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields. 3.1.1.6.3.1 Voucher list request GET /api/rest/v1/vouchers HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json Voucher list response 3.1.1.6.3.2 HTTP/1.1 200 OK Content-Type: application/vnd.api+json { "data":[{ "currency":"EUR", "id":"f634f09f-9a06-4297-a326-0d703938b702", "type":"voucher", "code":"LEBALLINNL10". "attributes":{ | "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" } } } } } } } } } , "provider-name":"Wirecard", "short-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", "image-url":"https://wirecard.com/logo.png" } "wirecard-paypal":{ "name":"PayPal" "provider-name":"Wirecard", "] } } } } paypal":{ "name":"PayPal", "provider-name":"Wirecard" }] }] } 3.1.1.6.4 Voucher detail 3.1.1.6.4.1 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. 3.1.1.6.5.1 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 |
| | | | | |

3.1.1.6.5.2 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-h0mLD2zDgf26ptjxSNRiKFiIIM", "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" } }

3.1.1.6.6 Voucher order detail

3.1.1.6.6.1 Voucher order detail request

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

3.1.1.6.6.2 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-h0mLD2zDgf26ptjxSNRiKFillM", "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.

3.1.1.6.7.1 Provider Text request

Variables Example **Description**



```
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
3.1.1.6.7.2
                     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": "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." } } ] }
3.1.1.6.8
                   Content
See [Content Service] for more information on the source of these fields.
3.1.1.6.8.1
                     Content request
   Variables
                                                          Description
                                                                                                                  Example
[GET /api/rest/v1/content/i18next.json HTTP/1.1 Authorization: No Auth Accept: application/json
3.1.1.6.8.2
                     Content response
HTTP/1.1 200 OK Content-Type: application/json
["ontion-1": "Selection 1", "option-2": "Selection 2", } }, "de": { "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", } }
3.1.1.6.9
                   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-4302-83lf-e41df4ce4084", "type": "phone-number-verification", "attributes": { "phone-number": "+381691994655", "sms-
confirmation-code": "716569" } }
3.1.1.6.9.2
                     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 } } }
3.1.1.6.9.3
                     Verification request by sms
POST /api/rest/v1/auth/sms-verification-code HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json {
"48f4dfer-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 } }
3.1.1.6.10
                  Cookies
3.1.1.6.10.1 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": "l234" } }, { "type": "cookie", "id": "ns_dev_id", "attributes": { "name": "ns_dev_id", "value": "device_id" } } ]}
3.1.1.6.10.2
                     Cookies response
HTTP/1.1 200 OK
3.1.1.6.11 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.
3.1.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.1.1.6.11.2 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" ] }
                                                                                                                                                   "orderPriceTotal".
3.1.1.6.12 i18 internationalization
            Retrieves i18next ison based on requested language
3.1.1.6.12.1 i18 request
GET api/rest/v1/content/i18next.json/de HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
          UC3 Just testing
3.2.1
             Edge Service
The Edge Service provides the interface between the public REST API and internal AMQP
```

3.2.1.1 TODO

API.



- 3.2.1.1.1 TODO version 1.0
 - # [x] Test environment and credentials
 - # [x] specify voucher content fields
 - # [x] specify voucher pricing fields
 - # [x] specify payment method fields
- 3.2.1.1.2 TODO version 1.0-next
 - # [] refactor entities and apply relationships
 - # [] provide full resource schemas
 - # [] enforce validation of resource schemas

3.2.1.2 Test environment and credentials

TODO

| Username | Password | Description |
|----------------|----------|----------------|
| test@test.org | test | just protected |
| test@gmail.com | test | just testing |
| testtest | test | qa |

3.2.1.3 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 unregister on shutdown.

3.2.1.4 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.

3.2.1.5 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.

3.2.1.6 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].

3.2.1.6.1 Login

ICP_SHOP_ID

3.2.1.6.1.1 Login request

Variables Description Example

see [Test environment and credentials]



Variables **Description Example** ICP_SHOP_PASSPHRASE see [Test environment and credentials1 ICP_SHOP_DIGEST Derived from \${ICP_SHOP_ID} and MzAwMDAwMTY6dG9wLXNIY3JldC1wYXNzcGhyYXNl \${ICP SHOP PASSPHRASE} POST /api/rest/v1/auth/login HTTP/1.1 Authorization: Basic \${ICP_SHOP_DIGEST} Accept: application/vnd.api+json 3.2.1.6.1.2 Login response HTTP/1.1 201 Created Content-Type: application/vnd.api+json 3.2.1.6.1.3 Cookies Name Value Domain Path **Expires HttpOnly** Secure MmQ5ZjkxOGItMff**34484/x00MQHOMOJ1M6Ckt**YmUw**SjMsSi6tJ**iZDY5 true **SESSION** false 3.2.1.6.2 Logout 3.2.1.6.2.1 Logout request Variables **Description Example** POST /api/rest/v1/auth/logout HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.2.1.6.2.2 Logout response HTTP/1.1 204 No Content 3.2.1.6.3 Voucher list See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields. 3.2.1.6.3.1 Voucher list request GET /api/rest/v1/vouchers HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.2.1.6.3.2 *Voucher list response* 3.2.1.6.4.1 Voucher detail request GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.2.1.6.4.2 Voucher detail response HTTP/1.1 200 OK Content-Type: application/vnd.api+json | "itr/1.1 200 OK Content-1ype: application/vnd.api+]son | "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" } } } } } } } 3.2.1.6.5 See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields. 3.2.1.6.5.1 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 c91feaf3-5968-4b60-ŬUID aa5b-62fe7fdd905c



| | field name | type | constrains | description | example | | |
|--|---|----------------------|-------------------------------------|--|---|--|--|
| | 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 | | |
| 4 | 3.2.1.6.5.2 Voucher | order response | | | | | |
| HTTP/1.1 201 Created Content-Type: application/vnd.api+json { "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-h0mLD2zDgf26ptjxSNRiKFillM", "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" } } } | | | | | | | |
| Ĵ | 3.2.1.6.6 Voucher o | rder detail | | | | | |
| | | order detail request | a | | ı | | |
| ٠. | GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.2.1.6.6.2 Voucher order detail response | | | | | | |
| F { s " h " s " | 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-h0mLD2zDgf26ptjxSNRiKFiIIM", "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" } } } 3.2.1.6.7 Provider Text | | | | | | |
| ٢ | See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of | | | | | | |
| | 1 (* 11 | | | | | | |

Description

Provider Text request

these fields. 3.2.1.6.7.1

Variables

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
3.2.1.6.7.2 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": "Produktname", "body": "About You-Geschenkkarte" } }, { "id": "a598bf3b-abe0-4fc4-80fa-135a84510c81", "type":

Example



```
"voucher-text", "attributes": { "provider-code": "ABOUTYOU", "kind": "subtitle", "title": "Slogan", "body": "Hol Dir per E-Mail eine About You-Geschenkkarte." } } ] }
3.2.1.6.8
                 Content
See [Content Service] for more information on the source of these fields.
3.2.1.6.8.1
                    Content request
   Variables
                                                      Description
                                                                                                         Example
[GET /api/rest/v1/content/i18next.json HTTP/1.1 Authorization: No Auth Accept: application/json
3.2.1.6.8.2
                    Content response
HTTP/1.1 200 OK Content-Type: application/json
["option-1": "Selection 1", "option-2": "Selection 2", } , "de": { "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", } }
3.2.1.6.9
                 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-e4ldf4ce4084", "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 } } }
3.2.1.6.9.3
                    Verification request by sms
POST /api/rest/v1/auth/sms-verification-code HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json { "data": { "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 } } }
3.2.1.6.10 Cookies
3.2.1.6.10.1 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" } } ] }
3.2.1.6.10.2 Cookies response
HTTP/1.1 200 OK
3.2.1.6.11 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.
3.2.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.2.1.6.11.2 Documentation response
Complete Response is omitted because of size, here is just a part:
HTTP/1.1 200 OK
["createdDate", "notificationStatus", "notificationTarget", "notificationType", "orderFeeTotal", "orderPriceTotal" "orderStatus", "orderTaxTotal", "paymentMethod", "paymentProvider", "paymentStatus", "shortId", "voucherCode", "voucherCurrency" "voucherStatus", "voucherValue" ] }
3.2.1.6.12 i18 internationalization
           Retrieves i18next json based on requested language
GET api/rest/v1/content/i18next.json/de HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
          Markdown3
3.3
            Edge Service
The Edge Service provides the interface between the public REST API and internal AMQP
API.
3.3.1.1
               TODO
3.3.1.1.1
                 TODO version 1.0
      # [x] Test environment and credentials
            [x] specify voucher content fields
```

[x] specify voucher pricing fields



- # [x] specify payment method fields
- 3.3.1.1.2 TODO version 1.0-next
 - # [] refactor entities and apply relationships
 - # [] provide full resource schemas
 - # [] enforce validation of resource schemas

3.3.1.2 Test environment and credentials

TODO

| Username | Password | Description |
|----------------|----------|----------------|
| test@test.org | test | just protected |
| test@gmail.com | test | just testing |
| testtest | test | qa |

3.3.1.3 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 unregister on shutdown.

3.3.1.4 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.

3.3.1.5 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.

3.3.1.6 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].

3.3.1.6.1 Login

3.3.1.6.1.1 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} | MzAwMDAwMTY6dG9wLXNIY3JldC1wYXNzcGhyYXNl |



| POST /api/rest/v1/auth/login HTTP/1.1 Authorization: Basic \${ICP_SHOP_DIGEST}\$ Accept: application/vnd.api+json 3.3.1.6.1.2 Login response HTTP/1.1 201 Created Content-Type: application/vnd.api+json 3.3.1.6.1.3 Cookies | | | | | | | |
|--|---|--|---|--|---|--|--|
| Name | Value | Domain | n Path | Expires | HttpOnly | Secure | |
| SESSION | MmO: | 5ZikxOGItMi raduw i. | cOOVERFICIÁWH 1 M DCKE | SYmUw Si?MssMaJ iZDY5 | true | false | |
| 3.3.1.6.2 | Logout | , | , | | | | |
| 3.3.1.6.2.1 | Logout r | equest | | | | | |
| Variables | | De | escription | Exa | mple | | |
| 3.3.1.6.2.2 [HTTP/1.1 204 3.3.1.6.3 | HTTP/1.1 204 No Content 3.3.1.6.3 Voucher list See [VoucherWebList] method in the [Mimas integration] documentation for the source of | | | | | | |
| | 1/vouchers H | | n: No Auth Accept: app | olication/vnd.api+json | | 1 | |
| HTTP/1.1 200 { "data":["currency":"EU code":"LEBAF "price-fee":1.9 url":"https://wi "id":"a3473e2C code":"871747 name":"Lebara ["wirecard-cr paypal":{ "nar 3.3.1.6.4 | "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" }] } }] }] | | | | | | |
| 3.3.1.6.4.2 HTTP/1.1 200 { "data":{ "currency":"EU code":"LEBAF fee":1.99, "pa | VI/vouchers/:v Voucher OK Content-I "id":"f634 JR", "ean-co RA", "provide ayment-metho | detail response Type: application/vnd.: f09f-9a06-4297-a326- de":"871747242211' se-name":"Lebara", "s ds": { "wirecard-cre "wirecard-paypal":{ " | api+json .0d703938b702", "t ", "encryption-type":(.hort-name":"All-in NL .ditcard":{ "name":"C |), "kind":0, "name":"L . 10" "value":10.0 "prid | butes":{ ebara All-in ee-total":11.9 name":"Wired | "code":"LEBALLINNL10", NL 10 EUR", "provider- 9, "price-tax":0.00, "price- card", "image-url":"https:// | |
| See [Vouc | cherWebR | eserve] method | d in the [Mimas | integration] doc | umentati | on for the source | |
| of these fi | elds. | | | | | | |
| 3.3.1.6.5.1 | | order request | | | | | |
| | | | e | • | | 1.1 | |
| POST /api/rest | 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 | ue globally uni UUID | que | c91feaf3-5968-4b60- aa5b-62fe7fdd905c | |
| type | | string | n/a | type of requ be ''voucher ''voucher-or | -order", | | |
| voucher-co | ode | string | n/a | code of the gathered fro voucher list | | "VODADE15" | |
| payment-n | nethod | string | n/a | on of the all methods for | | "Wirecard VISA" | |



| field name | type | constrains | description | example |
|--|--|--|---|--|
| | | | voucher, denoted in voucher list response | |
| 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 |
| "payment-provider": "wir h0mLD2zDgf26ptjxSNRiKI payment-method": "creditc status": "pending", "order-p" 1234", "confirmation-date" 3.3.1.6.6 Voucher of 3.3.1.6.6.1 Voucher of 3.3.1.6.6.2 Voucher of 3.3.1.6. | ecard", "payment-red: FillM", "payment-session ard", "voucher-code": "Ll price-total": 11.99, "order-t ': "0", "batch-number": "12 prder detail corder detail request ders/:order-id HTTP/1.1 Au corder detail response Type: application/vnd.api+j "c91feaf3-5968-4b60-aa5b- firmation-status": "pendin ecard", "payment-red: FillM", "payment-session ard", "voucher-code": "Ll price-total": 11.99, "order-t ': "1611313953175" } } } | g", "notification-type": 'irect-url": "https://wpp-tes-i-id": "4b7c0aec-3db3-4cd2 EBALLINNL10", "voucher ax-total": 0.00, "order-fee-t-34" } } uthorization: No Auth Acception of the state of the stat | t.wirecard.com/?wPayment 2-9b22-4d41fb964fdc", "r-currency": "EUR", "vouc otal": 0.99, "order-status": t: application/vnd.api+json "voucher-order", "attr: "email", "notification-tar t.wirecard.com/?wPayment 2-9b22-4d41fb964fdc", "r-currency": "EUR" "vour | ibutes": { "notification- get": "me@my-email.com", Token=y93bki675x2CdKP8- payment-status": "pending", cher-value": 10.0 "voucher- "pending", "serial-number": ibutes": { "notification- get": "me@my-email.com", Token=y93bki675x2CdKP8- payment-status": "pending", cher-value": 10.0 "voucher- "pending", "serial-number": |
| See [GetProvicerT | exts] method in the | e [Mimas integratio | on] documentation | for the source of |
| these fields. | <i>T</i> | | | |
| | r Text request | * 4 * | E | |
| Variables | Descri | iption | Example | |
| HTTP/1.1 201 Created Cont { "data": [{ "id": "f74bb4" "kind": "title", "title": "Production of the control o | exts/:provider-id HTTP/1.1 Ar Text response ent-Type: application/vnd.a 180-d6df-47ad-8a17-8d7b1b uktname", "body": "About Y | Authorization: No Auth Acco pi+json p176661", "type": "voucher- You-Geschenkkarte" } }, { | ept: application/vnd.api+jso -text", "attributes": { "prov "id": "a598bf3b-abe0-4fc4-8 | n vider-code": "ABOUTYOU", 80fa-135a84510c81", "type": y": "Hol Dir per E-Mail eine |

["voucher-text", "attributes": { "provider-code": "ABOUTYOU", "kind": "subtitle", "title": "Slogan", "both About You-Geschenkkarte." } }] } 3.3.1.6.8 Content See [Content Service] for more information on the source of these fields. 3.3.1.6.8.1 Content request

o.e.1.0.0.1 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
["option-1": "Selection 1", "option-2": "Selection 2", } }, "de": { "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-4302-83lf-e41df4ce4084", "type": "phone-number-verification", "attributes": { "phone-number": "+381691994655", "sms-confirmation-code": "716569" } } }
3.3.1.6.9.2
                          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 } } }
3.3.1.6.9.3
                            Verification request by sms
POST /api/rest/v1/auth/sms-verification-code HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
                                                                                                                                                                                                     "data": {
"48f4dfer-9baa-4302-831f-e41df4ce4084", "type": "sms-verification-code", "attributes": { "phone-number": "+381691994655" } } } }
3.3.1.6.9.4
                            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 } } }
3.3.1.6.10 Cookies
3.3.1.6.10.1 Cookies request
POST/api/rest/v1/cookies HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json { "data": [ { "type": "cookie", "id": "shopId", "data": [ { { { "type": "cookie", "id": "shopId", "data": [ { { { "type": "cookie", "id": "shopId", "data": [ { { { "type": "cookie", "id": "shopId", "data": [ { { { "type": "cookie", "id": "shopId", "data": [ { { { "type": "cookie", "id": "shopId", "data": [ { { { { "type": "cookie", "id": "shopId", "id": "shopId", "data": [ { { { { { "type": "cookie", "id": "shopId", "id": "sho
"attributes": { "name": "shopId", "value": "1234" } }, { "type": "cookie", "id": "ns_dev_id", "attributes": { "name": "ns_dev_id", "value" | "device_id" } } ] }
3.3.1.6.10.2 Cookies response
HTTP/1.1 200 OK
3.3.1.6.11 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.
3.3.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.3.1.6.11.2 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" ] }
3.3.1.6.12 i18 internationalization
                Retrieves i18next ison based on requested language
GET api/rest/v1/content/i18next.json/de HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
              Markdown3
3.4
                  Edge Service
The Edge Service provides the interface between the public REST API and internal AMQP
API.
3.4.1.1
                     TODO
3.4.1.1.1
                         TODO version 1.0
         # [x] Test environment and credentials
         #
                 [x] specify voucher content fields
         # [x] specify voucher pricing fields
         # [x] specify payment method fields
3.4.1.1.2
                         TODO version 1.0-next
         # [] refactor entities and apply relationships
                 [ ] provide full resource schemas
                 [ ] enforce validation of resource schemas
                     Test environment and credentials
3.4.1.2
```



TODO

| Username | Password | Description |
|----------------|----------|----------------|
| test@test.org | test | just protected |
| test@gmail.com | test | just testing |
| testtest | test | qa |

3.4.1.3 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 unregister on shutdown.

3.4.1.4 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.

3.4.1.5 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.

3.4.1.6 ReST API

SESSION

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].

MmQ5ZjkxQGItMffaddedxx00MqHddbWjf1MddeksYmUw&existajiZDY5 true

| 3.4.1.6.1 | Login | | | | | | |
|-------------|-------------------------------------|-------------------|-------------------------------|--------------------|---------------------------|--------------|------------------|
| 3.4.1.6.1.1 | Login request | | | | | | |
| Variables | | Descrip | tion | | Example | | |
| ICP_SHOP_ | ID | see [Tes | st environmen ials] | t and | | | |
| ICP_SHOP_ | PASSPHRASE | see [Tes | st environmen ials] | t and | | | |
| ICP_SHOP_ | DIGEST | | l from \${ICP_S HOP_PASSPH | SHOP_ID} and RASE} | MzAwMDAwMTY60 | dG9wLXNlY3Jl | dC1wYXNzcGhyYXNl |
| | v1/auth/login HTTP/1.1 | Authorization: Ba | asic \${ICP_SHO | P_DIGEST} Accep | ot: application/vnd.api+j | son | |
| 3.4.1.6.1.2 | Login response | | | | | | |
| 3.4.1.6.1.3 | Created Content-Type: ap Cookies | plication/vnd.ap | i+json | | | | I |
| Name | Value | Domain | Path | Expires | HttpOnly | Secure | |



3.4.1.6.2 Logout

3.4.1.6.2.1 Logout request

Variables Description **Example**

|POST /api/rest/v1/auth/logout HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.4.1.6.2.2 Logout response HTTP/1.1 204 No Content 3.4.1.6.3 Voucher list

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

3.4.1.6.3.1 Voucher list request

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

3.4.1.6.3.2 Voucher list response

["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":["name":"PayPal", "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" }] } }] }] { "data":[{ "currency":"EUR", "attributes":{ "code":"LEBALLINNL10".

3.4.1.6.4 Voucher detail

Voucher detail request

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

3.4.1.6.4.2 Voucher detail response

HTTP/1.1 200 OK Content-Type: application/vnd.api+json { "idata":{ "idi::"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"} } } } } }

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

3.4.1.6.5.1 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] |



| field name | type | constrains | description | example (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 | | | |
| HTTP/1.1 201 Created Conte { "data": { "id": 'status": "pending", "con "payment-provider": "wir h0mLD2zDgf26ptjxSNRiKF "payment-method": "creditc status": "pending", "order-p "1234", "confirmation-date" 3.4.1.6.6 Voucher of 3.4.1.6.6.1 Voucher GET/api/rest/v1/voucher-order | 3.4.1.6.5.2 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-h0mLD2zDgf26ptjxSNRiKFiIIM", "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" } } } 3.4.1.6.6 Voucher order detail | | | | | | |
| HTTP/1.1 200 OK Content-{ "data": { "id": 'status": "pending", "con "payment-provider": "wir h0mLD2zDgf26ptjxSNRiKF "payment-method": "creditc status": "pending", "order-p "1234", "confirmation-date" 3.4.1.6.7 Provider Telegraphics Tele | 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-h0mLD2zDgf26ptjxSNRiKFiIIM", "payment-session-idl": "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" } } } | | | | | | |
| see [GetProvicer16 these fields. | exts] method in | the [Mimas integrat | ion] documentation | for the source of | | | |
| | · Text request | | | | | | |
| Variables | De | escription | 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 3.4.1.6.7.2 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": "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." } }] } 3.4.1.6.8 Content | | | | | | | |
| See [Content Service | ce] for more inj | formation on the sout | rce of these fields. | | | | |
| 3.4.1.6.8.1 Content | request | | | | | | |
| Variables | De | escription | Example | | | | |
| 3.4.1.6.8.2 Content HTTP/1.1 200 OK Content- { "en": { "world.hello": "H "option-1": "Selection 1", " amet", "button.cancel": "A | GET /api/rest/v1/content/i18next.json HTTP/1.1 Authorization: No Auth Accept: application/json 3.4.1.6.8.2 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", } } 3.4.1.6.9 Verification | | | | | | |

See for more information on the source of these fields.



testtest

```
3.4.1.6.9.1
                 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-4302-83lf-e41df4ce4084", "type": "phone-number-verification", "attributes": { "phone-number": "+381691994655", "sms-
confirmation-code": "716569" } }
3.4.1.6.9.2
                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 } } }
3.4.1.6.9.3
                Verification request by sms
POST /api/rest/v1/auth/sms-verification-code HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json { "data": {
"48f4dfef-9baa-4302-831f-e41df4ce4084", "type": "sms-verification-code", "attributes": { "phone-number": "+381691994655" } } }
3.4.1.6.9.4
                 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 } }
3.4.1.6.10 Cookies
3.4.1.6.10.1 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" } } ] }
3.4.1.6.10.2 Cookies response
HTTP/1.1 200 OK
3.4.1.6.11 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.
3.4.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.4.1.6.11.2 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" ] }
3.4.1.6.12 i18 internationalization
         Retrieves i18next json based on requested language
3.4.1.6.12.1 i18 request
GET api/rest/v1/content/i18next.json/de HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.5
        Markdown3
3.5.1
          Edge Service
The Edge Service provides the interface between the public REST API and internal AMQP
API.
            TODO
3.5.1.1
3.5.1.1.1
              TODO version 1.0
     # [x] Test environment and credentials
     # [x] specify voucher content fields
     # [x] specify voucher pricing fields
     # [x] specify payment method fields
3.5.1.1.2
              TODO version 1.0-next
     # [] refactor entities and apply relationships
         [ ] provide full resource schemas
         [ ] enforce validation of resource schemas
             Test environment and credentials
3.5.1.2
TODO
  Username
                                             Password
                                                                                         Description
                                                                                         just protected
  test@test.org
                                             test
  test@gmail.com
                                                                                         just testing
                                             test
```

test



3.5.1.3 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 unregister on shutdown.

3.5.1.4 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.

3.5.1.5 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.

3.5.1.6 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].

| 3.5.1.6.1 3.5.1.6.1.1 | Login Login request | | | | | |
|---|---|---------------------------------|--|----------------------------|------------------|-------------|
| Variables | | Description | | Example | | |
| ICP_SHOP | _ID | see [Test envir credentials] | onment and | | | |
| ICP_SHOP | _PASSPHRASE | see [Test envir credentials] | onment and | | | |
| ICP_SHOP | _DIGEST | Derived from \${ICP_SHOP_F | \${ICP_SHOP_ID} and PASSPHRASE} | MzAwMDAwMTY6dG | S9wLXNIY3JldC1wY | XNzcGhyYXNl |
| | · · | Authorization: Basic \${I0 | CP_SHOP_DIGEST} Accep | t: application/vnd.api+jso | n | |
| 3.5.1.6.1.2 [HTTP/1.1 201 3.5.1.6.1.3 | Login response Created Content-Type: ap Cookies | oplication/vnd.api+json | | | 1 | |
| Name | Value | Domain Pat | th Expires | HttpOnly | Secure | |
| SESSION | MmQ5ZjkxOGIt | Miraduen good tapidotkwij | I 1MOC KSYmUw Sj?ńssYozJ i | ZDY5 true | false | |
| 3.5.1.6.2 3.5.1.6.2.1 | 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 3.5.1.6.3 Voucher list See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields. 3.5.1.6.3.1 Voucher list request GET /api/rest/v1/vouchers HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.5.1.6.3.2 Voucher list response 3.5.1.6.4.1 Voucher detail request GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.5.1.6.4.2 Voucher detail response HTTP/1.1 200 OK Content-Type: application/vnd.api+json { "data": { "idi":"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. 3.5.1.6.5.1 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 description constrains example type c91feaf3-5968-4b60id **UUID** globally unique globally unique **UUID** aa5b-62fe7fdd905c type of request, must type string n/a be "voucher-order", "voucher-order" voucher-code string n/a code of the voucher "VODADE15" gathered from voucher list payment-method string n/a on of the allowed "Wirecard VISA" methods for the voucher, denoted in voucher list response notification-type string currently only type of the "email" "email" is supported notification target notification-target "[me@mystring n/a target adress email.com] (mailto:me@myemail.com)" valid URL order-success-Where the wirecard string protect redirect-url should redirect



field name type constrains description example if payment was successfull order-failed-redirect- string valid URL Where the wirecard protect should redirect if url payment fails order-canceledvalid URL Where the wirecard string protect should redirect redirect-url if payment was canceled 3.5.1.6.5.2 Voucher order response | 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-h0mLD2zDgf26ptjxSNRiKFillM", "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", "\$ } } \$ 3.5.1.6.6 Voucher order detail 3.5.1.6.6 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 3.5.1.6.6.2 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-h0mLD2zDgf26ptjxSNRiKFillM", "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. 3.5.1.6.7.1 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." } }] } 3.5.1.6.8 Content See [Content Service] for more information on the source of these fields. 3.5.1.6.8.1 Content request Variables **Description Example** GET /api/rest/v1/content/i18next.json HTTP/1.1 Authorization: No Auth Accept: application/json 3.5.1.6.8.2 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", } } 3.5.1.6.9 Verification *See for more information on the source of these fields.*



testtest

```
3.5.1.6.9.1
                 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-4302-83lf-e41df4ce4084", "type": "phone-number-verification", "attributes": { "phone-number": "+381691994655", "sms-
confirmation-code": "716569" } }
3.5.1.6.9.2
                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 } } }
3.5.1.6.9.3
                Verification request by sms
POST /api/rest/v1/auth/sms-verification-code HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json { "data": {
"48f4dfef-9baa-4302-831f-e41df4ce4084", "type": "sms-verification-code", "attributes": { "phone-number": "+381691994655" } } }
3.5.1.6.9.4
                 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 } }
3.5.1.6.10 Cookies
3.5.1.6.10.1 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" } } ] }
3.5.1.6.10.2 Cookies response
HTTP/1.1 200 OK
3.5.1.6.11 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.
3.5.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.5.1.6.11.2 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" ] }
3.5.1.6.12 i18 internationalization
     # Retrieves i18next json based on requested language
3.5.1.6.12.1 i18 request
GET api/rest/v1/content/i18next.json/de HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
        Markdown3
3.6.1
          Edge Service
The Edge Service provides the interface between the public REST API and internal AMQP
API.
            TODO
3.6.1.1
3.6.1.1.1
              TODO version 1.0
     # [x] Test environment and credentials
     # [x] specify voucher content fields
     # [x] specify voucher pricing fields
     # [x] specify payment method fields
3.6.1.1.2
              TODO version 1.0-next
     # [] refactor entities and apply relationships
         [ ] provide full resource schemas
         [ ] enforce validation of resource schemas
             Test environment and credentials
3.6.1.2
TODO
  Username
                                             Password
                                                                                         Description
                                                                                         just protected
  test@test.org
                                             test
  test@gmail.com
                                                                                         just testing
                                             test
```

test



3.6.1.3 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 unregister on shutdown.

3.6.1.4 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.

3.6.1.5 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.

3.6.1.6 ReST API

Variables

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].

Description

| 3.6.1.6.1 | Login | | | | | | |
|-------------|---|-----------------------|----------------------|-----------------------------|---------------------------|--------|---|
| 3.6.1.6.1.1 | Login request | | | | | | |
| Variables | | Descript | tion | | Example | | |
| ICP_SHOP | _ID | see [Test credenti | t environmen als] | t and | | | |
| ICP_SHOP | _PASSPHRASE | see [Test | t environmen als] | t and | | | |
| ICP_SHOP | ICP_SHOP_DIGEST Derived from \${ICP_SHOP_ID} and MzAwMDAwMTY6dG9wLXNIY3JldC1wYXNzcGhyYXNl \${ICP_SHOP_PASSPHRASE} | | | | | | |
| | /v1/auth/login HTTP/1.1 | Authorization: Bas | sic \${ICP_SHC | P_DIGEST} Accep | t: application/vnd.api+js | son | |
| 3.6.1.6.1.2 | Login response | 1: .: / 1 : | . • | | | | 1 |
| 3.6.1.6.1.3 | Created Content-Type: ap | plication/vnd.api- | +Json | | | | |
| Name | Value | Domain | Path | Expires | HttpOnly | Secure | |
| SESSION | MmQ5ZjkxOGIt | MiFastterLye00Alqi | HOHWH 1 MOCK | ŠYmUw SjěňskilozJ iZ | ZDY5 true | false | |
| 3.6.1.6.2 | Logout | | | | | | |
| 3.6.1.6.2.1 | Logout request | | | | | | |

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
  3.6.1.6.3
                                 Voucher list
  See [VoucherWebList] method in the [Mimas integration] documentation for the source of
  these fields.
  3.6.1.6.3.1
                                      Voucher list request
 GET /api/rest/v1/vouchers HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
  3.6.1.6.3.2
"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", "provider-name":"Wirecard", "image-url":"https://wirecard.com/logo.png" } "wirecard-paypal":{ "name":"PayPal", "provider-name":"Wirecard", "image-url":"https://wirecard.com/logo.png" } "wirecard-paypal":{ "name":"PayPal", "provider-name":"Wirecard", "provider-name":"wirecard", "provider-name":"wirecard-paypal":"https://wirecar
                                     Voucher list response
  3.6.1.6.4.1
                                      Voucher detail request
 GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
  3.6.1.6.4.2
                                      Voucher detail response
 HTTP/1.1 200 OK Content-Type: application/vnd.api+json { "data": { "idi":"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.
  3.6.1.6.5.1
                                     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
                                                                                                                                                                          description
                                                                                                                   constrains
                                                                                                                                                                                                                                 example
                                                             type
                                                                                                                                                                                                                                 c91feaf3-5968-4b60-
      id
                                                             UUID
                                                                                                                   globally unique
                                                                                                                                                                          globally unique
                                                                                                                                                                           UUID
                                                                                                                                                                                                                                 aa5b-62fe7fdd905c
                                                                                                                                                                          type of request, must
      type
                                                             string
                                                                                                                   n/a
                                                                                                                                                                          be "voucher-order",
                                                                                                                                                                           "voucher-order"
      voucher-code
                                                             string
                                                                                                                   n/a
                                                                                                                                                                          code of the voucher
                                                                                                                                                                                                                                 "VODADE15"
                                                                                                                                                                          gathered from
                                                                                                                                                                           voucher list
      payment-method
                                                             string
                                                                                                                   n/a
                                                                                                                                                                          on of the allowed
                                                                                                                                                                                                                                 "Wirecard VISA"
                                                                                                                                                                          methods for the
                                                                                                                                                                          voucher, denoted in
                                                                                                                                                                          voucher list response
      notification-type
                                                             string
                                                                                                                   currently only
                                                                                                                                                                          type of the
                                                                                                                                                                                                                                 "email"
                                                                                                                     "email" is supported
                                                                                                                                                                          notification target
      notification-target
                                                                                                                                                                                                                                 "[me@my-
                                                             string
                                                                                                                   n/a
                                                                                                                                                                          target adress
                                                                                                                                                                                                                                 email.com]
                                                                                                                                                                                                                                 (mailto:me@my-
                                                                                                                                                                                                                                 email.com)"
                                                                                                                   valid URL
      order-success-
                                                                                                                                                                           Where the wirecard
                                                             string
                                                                                                                                                                                                                                 protect
      redirect-url
                                                                                                                                                                          should redirect
```



field name type constrains description example if payment was successfull order-failed-redirect- string valid URL Where the wirecard protect should redirect if url payment fails order-canceledvalid URL Where the wirecard string protect should redirect redirect-url if payment was canceled 3.6.1.6.5.2 Voucher order response | 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-h0mLD2zDgf26ptjxSNRiKFillM", "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", "\$ } } } 3.6.1.6.6 Voucher order detail 3.6.1.6.6 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 3.6.1.6.6.2 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-h0mLD2zDgf26ptjxSNRiKFillM", "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" } } } 3.6.1.6.7 Provider Text See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields. 3.6.1.6.7.1 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." } }] } 3.6.1.6.8 Content See [Content Service] for more information on the source of these fields. 3.6.1.6.8.1 Content request Variables **Description Example** GET /api/rest/v1/content/i18next.json HTTP/1.1 Authorization: No Auth Accept: application/json 3.6.1.6.8.2 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", } } 3.6.1.6.9 Verification *See for more information on the source of these fields.*



3.6.1.6.9.1

3.6.1.6.9.2

confirmation-code": "716569" } }

```
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 } } }
3.6.1.6.9.3
                  Verification request by sms
POST /api/rest/v1/auth/sms-verification-code HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json { "data": {
"48f4dfef-9baa-4302-831f-e41df4ce4084", "type": "sms-verification-code", "attributes": { "phone-number": "+381691994655" } } }
3.6.1.6.9.4
                   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 } }
3.6.1.6.10 Cookies
3.6.1.6.10.1 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": "l234" } }, { "type": "cookie", "id": "ns_dev_id", "attributes": { "name": "ns_dev_id", "value": "device_id" } } ]}
3.6.1.6.10.2 Cookies response
HTTP/1.1 200 OK
3.6.1.6.11 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.
3.6.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.6.1.6.11.2 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"] }
3.6.1.6.12 i18 internationalization
      # Retrieves i18next json based on requested language
3.6.1.6.12.1 i18 request
GET api/rest/v1/content/i18next.json/de HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
         Markdown2
3.7
```

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json { "data": { "id": "38f4dfef-9baa-4302-83lf-e41df4ce4084", "type": "phone-number-verification", "attributes": { "phone-number": "+381691994655", "sms-

3.7.1 Formatted Text Examples

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

Verification request by phone number

Verification by phone number response

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

3.7.1.1 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:

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

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

3.7.1.2 *Text Format:*

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





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.

3.7.1.3 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 tor

3.7.2 Useful markdown links:

- # Link 1
 - 1. This is link 1
- # Link 2
 - 1. This is link 2
- # *Link 3*
 - 1. This is link 3
 - # Link 4

This is link 4 ordered under link 3

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

3.7.2.1.1 I'll put it here

LoGiC iS rEaL !!!

 $\inf(a == 0) \{ a = 0; \}$

3.7.2.1.2 *And also here*

It's getting better

if (false == true) { // log some message } 3.7.2.1.3 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; }

3.8 Markdown3

3.8.1 Edge Service

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

3.8.1.1 TODO

- 3.8.1.1.1 TODO version 1.0
 - # [x] Test environment and credentials
 - # [x] specify voucher content fields
 - # [x] specify voucher pricing fields
 - # [x] specify payment method fields
- 3.8.1.1.2 TODO version 1.0-next
 - # [] refactor entities and apply relationships
 - # [] provide full resource schemas
 - # [] enforce validation of resource schemas

3.8.1.2 Test environment and credentials



TODO

| Username | Password | Description |
|----------------|----------|----------------|
| test@test.org | test | just protected |
| test@gmail.com | test | just testing |
| testtest | test | qa |

3.8.1.3 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 unregister on shutdown.

3.8.1.4 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.

3.8.1.5 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.

3.8.1.6 ReST API

SESSION

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].

MmQ5ZjkxQGItMffaddedxx00MqHddbWjf1MddeksYmUw&existajiZDY5 true

| 3.8.1.6.1 3.8.1.6.1.1 | Login Login request | | | | | | |
|----------------------------|--------------------------------------|-------------------|-----------------------------|------------------------|----------------------------|-------------|------------------|
| Variables | | Descrip | tion | | Example | | |
| ICP_SHOP_ | ĪD | see [Tes | t environmen [als] | t and | | | |
| ICP_SHOP_ | PASSPHRASE | see [Tes | t environmen [als] | t and | | | |
| ICP_SHOP_ | _DIGEST | | from \${ICP_9 HOP_PASSPH | SHOP_ID} and (RASE) | MzAwMDAwMTY6d | G9wLXNIY3Jl | dC1wYXNzcGhyYXNl |
| POST /api/rest/ | /v1/auth/login HTTP/1.1 A | uthorization: Ba | sic \${ICP_SHC | P_DIGEST} Accep | ot: application/vnd.api+js | on | 1 |
| 3.8.1.6.1.2 | Login response | | | | | | |
| HTTP/1.1 201 (3.8.1.6.1.3) | Created Content-Type: app Cookies | olication/vnd.api | +json | | | | |
| 3.6.1.0.1.3 | Cookies | | | | | | |
| Name | Value | Domain | Path | Expires | HttpOnly | Secure | |



3.8.1.6.2 Logout

notification-type

notification-target

string

string

3.8.1.6.2.1 Logout request

Variables Description Example

|POST /api/rest/v1/auth/logout HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.8.1.6.2.2 Logout response HTTP/1.1 204 No Content 3.8.1.6.3 Voucher list See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields. 3.8.1.6.3.1 Voucher list request GET /api/rest/v1/vouchers HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.8.1.6.3.2 Voucher list response ["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":["name":"PayPal", "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" }] } }] }] { "data":[{ "currency":"EUR", "code":"LEBALLINNL10". "attributes":{ 3.8.1.6.4 Voucher detail Voucher detail request GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.8.1.6.4.2 Voucher detail response HTTP/1.1 200 OK Content-Type: application/vnd.api+json { "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. 3.8.1.6.5.1 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 description constrains example type id **UUID** globally unique globally unique c91feaf3-5968-4b60aa5b-62fe7fdd905c UUID type string n/a type of request, must be "voucher-order", "voucher-order" code of the voucher "VODADE15" voucher-code string n/a gathered from voucher list on of the allowed "Wirecard VISA" payment-method string n/a

currently only

"email" is supported

methods for the voucher, denoted in voucher list response

notification target

"email"

"[me@myemail.com]

type of the

target adress



| field name | type | constrains | description | example (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 | | | |
| 3.8.1.6.5.2 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-h0mLD2zDgf26ptjxSNRiKFiIIM", "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" } } } 3.8.1.6.6 Voucher order detail | | | | | | | |
| 3.8.1.6.6.1 Voucher order detail request GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.8.1.6.6.2 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-h0mLD2zDgf26ptjxSNRiKFiIIM", "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" } } } 3.8.1.6.7 Provider Text | | | | | | | |
| See [GetProvicer16] these fields. | exts] method in | the [Mimas integrat | ion] documentation | for the source of | | | |
| 3.8.1.6.7.1 Provider | Text request | | | | | | |
| Variables | De | escription | 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 3.8.1.6.7.2 Provider Text response HTTP/1.1 201 Created Content-Type: application/vnd.api+json { "idda": ["id": "f74bb480-d6df-47ad-8a17-8d7b1b176661", "type": "voucher-text", "attributes": { "provider-code": "ABOUTYOU", "kind": "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." } }] } | | | | | | | |
| See [Content Service] for more information on the source of these fields. | | | | | | | |
| 3.8.1.6.8.1 Content request | | | | | | | |
| Variables | De | escription | Example | | | | |
| GET /api/rest/v1/content/i18next.json HTTP/1.1 Authorization: No Auth Accept: application/json 3.8.1.6.8.2 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", } }} 3.8.1.6.9 Verification See for more information on the source of these fields | | | | | | | |

See for more information on the source of these fields.



testtest

```
3.8.1.6.9.1
                 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-4302-83lf-e41df4ce4084", "type": "phone-number-verification", "attributes": { "phone-number": "+381691994655", "sms-
confirmation-code": "716569" } }
3.8.1.6.9.2
                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 } } }
3.8.1.6.9.3
                Verification request by sms
POST /api/rest/v1/auth/sms-verification-code HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json { "data": {
"48f4dfef-9baa-4302-831f-e41df4ce4084", "type": "sms-verification-code", "attributes": { "phone-number": "+381691994655" } } }
3.8.1.6.9.4
                 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 } }
3.8.1.6.10 Cookies
3.8.1.6.10.1 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" } } ] }
3.8.1.6.10.2 Cookies response
HTTP/1.1 200 OK
3.8.1.6.11 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.
3.8.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.8.1.6.11.2 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" ] }
3.8.1.6.12 i18 internationalization
     # Retrieves i18next json based on requested language
3.8.1.6.12.1 i18 request
GET api/rest/v1/content/i18next.json/de HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
        UC3 Just testing
3.9.1
          Edge Service
The Edge Service provides the interface between the public REST API and internal AMQP
API.
3.9.1.1
            TODO
3.9.1.1.1
              TODO version 1.0
     # [x] Test environment and credentials
     # [x] specify voucher content fields
     # [x] specify voucher pricing fields
     # [x] specify payment method fields
3.9.1.1.2
              TODO version 1.0-next
     #
         [ ] refactor entities and apply relationships
         [ ] provide full resource schemas
         [ ] enforce validation of resource schemas
             Test environment and credentials
3.9.1.2
TODO
  Username
                                             Password
                                                                                         Description
                                                                                         just protected
  test@test.org
                                             test
  test@gmail.com
                                                                                         just testing
                                             test
```

test



3.9.1.3 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 unregister on shutdown.

3.9.1.4 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.

3.9.1.5 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.

3.9.1.6 ReST API

Variables

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].

Description

| 3.9.1.6.1 3.9.1.6.1.1 | Login Login request | | | | | | | |
|---|---|-------------------|-------------------------------|----------------------------|---------------|---------------|---------------|-----|
| Variables | | Descrip | tion | | Example | | | |
| ICP_SHOP | _ID | see [Tes | st environmer ials] | nt and | | | | |
| ICP_SHOP | _PASSPHRASE | see [Tes | st environmer ials] | nt and | | | | |
| ICP_SHOP | _DIGEST | | l from \${ICP_S HOP_PASSPH | _ / | MzAwMDAwMTY60 | lG9wLXNIY3Jlo | lC1wYXNzcGhyY | XNI |
| | POST /api/rest/v1/auth/login HTTP/1.1 Authorization: Basic \${ICP_SHOP_DIGEST} Accept: application/vnd.api+json | | | | | | | |
| 3.9.1.6.1.2 [HTTP/1.1 201 3.9.1.6.1.3 | Login response Created Content-Type: a Cookies | pplication/vnd.ap | i+json | | | | I | |
| Name | Value | Domain | Path | Expires | HttpOnly | Secure | | |
| SESSION | MmQ5ZjkxOGI | Miradued.coove | piodwy1moek | SYmUw Sjensvioo JiZ | DY5 true | false | | |
| 3.9.1.6.2 3.9.1.6.2.1 | Logout Logout request | | | | | | | |
| 2.7.11.0.2.1 | 2080m request | | | | | | | |

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
 3.9.1.6.3
                  Voucher list
 See [VoucherWebList] method in the [Mimas integration] documentation for the source of
 these fields.
 3.9.1.6.3.1
                     Voucher list request
 GET /api/rest/v1/vouchers HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.9.1.6.3.2
                     Voucher list response
 3.9.1.6.4.1
                     Voucher detail request
 GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
 3.9.1.6.4.2
                     Voucher detail response
HTTP/1.1 200 OK Content-Type: application/vnd.api+json { "data": { "idi:"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.
 3.9.1.6.5.1
                     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
                                                                                                description
                                                                 constrains
                                                                                                                               example
                                  type
                                                                                                                               c91feaf3-5968-4b60-
   id
                                  UUID
                                                                 globally unique
                                                                                                globally unique
                                                                                                UUID
                                                                                                                               aa5b-62fe7fdd905c
                                                                                                type of request, must
   type
                                  string
                                                                 n/a
                                                                                                be "voucher-order",
                                                                                                "voucher-order"
   voucher-code
                                  string
                                                                 n/a
                                                                                                code of the voucher
                                                                                                                               "VODADE15"
                                                                                                gathered from
                                                                                                voucher list
   payment-method
                                  string
                                                                 n/a
                                                                                                on of the allowed
                                                                                                                               "Wirecard VISA"
                                                                                                methods for the
                                                                                                voucher, denoted in
                                                                                                voucher list response
   notification-type
                                  string
                                                                 currently only
                                                                                                type of the
                                                                                                                               "email"
                                                                  "email" is supported
                                                                                                notification target
   notification-target
                                                                                                                               "[me@my-
                                  string
                                                                 n/a
                                                                                                target adress
                                                                                                                               email.com]
                                                                                                                               (mailto:me@my-
                                                                                                                               email.com)"
                                                                 valid URL
   order-success-
                                                                                                Where the wirecard
                                  string
                                                                                                                               protect
   redirect-url
                                                                                                should redirect
```



field name type constrains description example if payment was successfull order-failed-redirect- string valid URL Where the wirecard protect should redirect if url payment fails order-canceledvalid URL Where the wirecard string protect should redirect redirect-url if payment was canceled 3.9.1.6.5.2 Voucher order response | 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-h0mLD2zDgf26ptjxSNRiKFillM", "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", "\$ } } } 3.9.1.6.6 Voucher order detail 3.9.1.6.6 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 3.9.1.6.6.2 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-h0mLD2zDgf26ptjxSNRiKFillM", "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" } } } 3.9.1.6.7 Provider Text See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields. 3.9.1.6.7.1 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." } }] } 3.9.1.6.8 Content See [Content Service] for more information on the source of these fields. 3.9.1.6.8.1 Content request Variables **Description Example** GET /api/rest/v1/content/i18next.json HTTP/1.1 Authorization: No Auth Accept: application/json 3.9.1.6.8.2 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", } } 3.9.1.6.9 Verification

See for more information on the source of these fields.



testtest

```
3.9.1.6.9.1
                 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-4302-83lf-e41df4ce4084", "type": "phone-number-verification", "attributes": { "phone-number": "+381691994655", "sms-
confirmation-code": "716569" } }
3.9.1.6.9.2
                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 } } }
3.9.1.6.9.3
                Verification request by sms
POST /api/rest/v1/auth/sms-verification-code HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json { "data": {
"48f4dfef-9baa-4302-831f-e41df4ce4084", "type": "sms-verification-code", "attributes": { "phone-number": "+381691994655" } } }
3.9.1.6.9.4
                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 } }
3.9.1.6.10 Cookies
3.9.1.6.10.1 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" } } ] }
3.9.1.6.10.2 Cookies response
HTTP/1.1 200 OK
3.9.1.6.11 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.
3.9.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.9.1.6.11.2 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" ] }
3.9.1.6.12 i18 internationalization
     # Retrieves i18next json based on requested language
3.9.1.6.12.1 i18 request
GET api/rest/v1/content/i18next.json/de HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.10 UC3 Just testing
3.10.1 Edge Service
The Edge Service provides the interface between the public REST API and internal AMQP
API.
3.10.1.1 TODO
3.10.1.1.1 TODO version 1.0
     # [x] Test environment and credentials
     # [x] specify voucher content fields
     # [x] specify voucher pricing fields
     # [x] specify payment method fields
3.10.1.1.2 TODO version 1.0-next
     # [] refactor entities and apply relationships
     # [] provide full resource schemas
     # [] enforce validation of resource schemas
3.10.1.2 Test environment and credentials
TODO
  Username
                                             Password
                                                                                         Description
                                                                                         just protected
  test@test.org
                                             test
  test@gmail.com
                                                                                         just testing
                                             test
```

test



3.10.1.3 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 unregister on shutdown.

3.10.1.4 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.

3.10.1.5 Edge Service Client

3.10.1.6.2.1 Logout request

Variables

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.

3.10.1.6 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].

Description

3.10.1.6.1 Login 3.10.1.6.1.1 Login request Variables Example **Description** ICP_SHOP_ID see [Test environment and credentials1 ICP_SHOP_PASSPHRASE see [Test environment and credentials] ICP_SHOP_DIGEST Derived from \${ICP_SHOP_ID} and MzAwMDAwMTY6dG9wLXNIY3JldC1wYXNzcGhyYXNI \${ICP_SHOP_PASSPHRASE} POST /api/rest/v1/auth/login HTTP/1.1 Authorization: Basic \${ICP_SHOP_DIGEST} Accept: application/vnd.api+json 3.10.1.6.1.2 Login response HTTP/1.1 201 Created Content-Type: application/vnd.api+json 3.10.1.6.1.3 Cookies Name Value Domain Path **Expires HttpOnly** Secure MmQ5ZjkxOGItMffasteri,cooxiqHollwij1MockisYmUw&jeissiozJiZDY5 true SESSION false 3.10.1.6.2 Logout

Example



POST /api/rest/v1/auth/logout HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.10.1.6.2.2 Logout response HTTP/1.1 204 No Content 3.10.1.6.3 Voucher list See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields. 3.10.1.6.3.1 Voucher list request GET /api/rest/v1/vouchers HTTP/1.1 Authorization: No Auth Accept: 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", "provider-name":"Wirecard", "image-url":"https://wirecard.com/logo.png"} "wirecard-paypal":{ "name":"PayPal", "provider-name":"Wirecard", "provider-name":"Wirecard", "provider-name":"Wirecard", "provider-name":"Wirecard", "provider-name":"Wirecard", "provider-name":"Wirecard", "provider-name":"Wirecard", "provider-name":"Wirecard", " 3.10.1.6.3.2 Voucher list response 3.10.1.6.4.1 Voucher detail request GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.10.1.6.4.2 Voucher detail response HTTP/1.1 200 OK Content-Type: application/vnd.api+json { "data": { "idi":"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" } } } } } } } 3.10.1.6.5 *Voucher order* See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields. 3.10.1.6.5.1 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 description constrains example type c91feaf3-5968-4b60id **UUID** globally unique globally unique **UUID** aa5b-62fe7fdd905c type of request, must type string n/a be "voucher-order", "voucher-order" voucher-code string n/a code of the voucher "VODADE15" gathered from voucher list payment-method string n/a on of the allowed "Wirecard VISA" methods for the voucher, denoted in voucher list response notification-type string currently only type of the "email" "email" is supported notification target notification-target "[me@mystring n/a target adress email.com] (mailto:me@myemail.com)" valid URL order-success-Where the wirecard string protect redirect-url should redirect



field name type constrains description example if payment was successfull order-failed-redirect- string valid URL Where the wirecard protect should redirect if url payment fails order-canceledvalid URL Where the wirecard string protect should redirect redirect-url if payment was canceled 3.10.1.6.5.2 Voucher order response | 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-h0mLD2zDgf26ptjxSNRiKFillM", "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", "}

3.10.1.6.6 Voucher order detail 3.10.1.6.6 Voucher order detail 3.10.1.6.6.1 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 3.10.1.6.6.2 HTTP/1.1 200 OK Content-Type: application/vnd.api+json { "data": "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-h0mLD2zDgf26ptjxSNRiKFillM", "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" } } } 3.10.1.6.7 Provider Text See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields. 3.10.1.6.7.1 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 3.10.1.6.7.2 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." } }] } 3.10.1.6.8 Content See [Content Service] for more information on the source of these fields. 3.10.1.6.8.1 Content request Variables **Description Example** GET /api/rest/v1/content/i18next.json HTTP/1.1 Authorization: No Auth Accept: application/json 3.10.1.6.8.2 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", } } 3.10.1.6.9 Verification

See for more information on the source of these fields.



```
3.10.1.6.9.1 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-4302-83lf-e41df4ce4084", "type": "phone-number-verification", "attributes": { "phone-number": "+381691994655", "sms-
confirmation-code": "716569" } }
3.10.1.6.9.2 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 } } }
3.10.1.6.9.3 Verification request by sms
POST /api/rest/v1/auth/sms-verification-code HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json { "data": {
"48f4dfef-9baa-4302-831f-e41df4ce4084", "type": "sms-verification-code", "attributes": { "phone-number": "+381691994655" } } }
3.10.1.6.9.4 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 } }
3.10.1.6.10 Cookies
3.10.1.6.10.1 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": "l234" } }, { "type": "cookie", "id": "ns_dev_id", "attributes": { "name": "ns_dev_id", "value": "device_id" } } ] }
3.10.1.6.10.2 Cookies response
HTTP/1.1 200 OK
3.10.1.6.11 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.
3.10.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.10.1.6.11.2 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" ] }
3.10.1.6.12 i18 internationalization
      # Retrieves i18next json based on requested language
```

3.10.1.6.12.1 i18 request

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



4 Markdown3

4.1 Edge Service

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

- 4.1.1 TODO
- 4.1.1.1 TODO version 1.0
 - # [x] Test environment and credentials
 - # [x] specify voucher content fields
 - # [x] specify voucher pricing fields
 - # [x] specify payment method fields
- 4.1.1.2 TODO version 1.0-next
 - # [] refactor entities and apply relationships
 - # [] provide full resource schemas
 - # [] enforce validation of resource schemas
- 4.1.2 Test environment and credentials

TODO

| Username | Password | Description |
|----------------|----------|----------------|
| test@test.org | test | just protected |
| test@gmail.com | test | just testing |
| testtest | test | qa |

4.1.3 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 unregister on shutdown.

4.1.4 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.

4.1.5 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.

4.1.6 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].

| 4.1.6.1 4.1.6.1.1 | Login Login reques | t | | | | | |
|--|--|---|---|---|--|--|---------------|
| Variables | \$ | | Description | | Example | | |
| ICP_SHO | P_ID | | see [Test environm credentials] | nent and | | | |
| ICP_SHO | P_PASSPHRASE | | see [Test environm credentials] | nent and | | | |
| ICP_SHO | P_DIGEST | | Derived from \${IC \${ICP_SHOP_PASS | / | MzAwMDAwMTY60 | dG9wLXNIY3JldC1w | vYXNzcGhyYXNl |
| 4.1.6.1.2 | st/v1/auth/login H7 Login respon 1 Created Content- Cookies | ese | | HOP_DIGEST} Accept: | application/vnd.api+je | son | |
| Name | Value | Doma | nin Path | Expires | HttpOnly | Secure | |
| SESSION | MmQ5Zj | kxOGItM ifa4 | M.gooveqfiolkwji1M o | OCKISYmUw &j?iássi/ba/ iZl | DY5 true | false | |
| 4.1.6.2 4.1.6.2.1 | Logout Logout reque | est | | | | | |
| Variables | | | Description | | Example | | |
| 4.1.6.3.2 HTTP/1.1 20 { "data":["currency":"F code":"LEBA "price-fee":1. url":"https://v "id":"a3473e; code":"87174 name":"Leba ["wirecard-c | Voucher list i /v1/vouchers HTT Voucher list i 0 OK Content-Typ { "id":"f634! 3UR", "ean-code' 3RA", "provider- 99, "payment-m virecard.com/logo. 20-19b4-44fe-8389 /72242129", "encr ra", "short-name": rreditcard": "nam | P/1.1 Authorizal response e: application/vif09f-9a06-4297- :"87174722422 name":"Lebara" ethods": { "vipng" } "wi 1-67a511854759 yption-type":0, "All-in NL 15", e":"Credit Card | d.api+json a326-0d703938b702", 11", "encryption-type , "short-name":"All- virecard-creditcard":{ ecard-paypal":{ "na ', "type":"voucher", 'kind":0, "name":"L "value":15.0, "price- | e":0, "kind":0, "name in NL 10", "value":1 "name":"Credit Card ame":"PayPal", "provi "attributes":{ "code":"L ebara All-in NL 15 EUI total":16.99, "price-tax" Virecard", "image-url":" | "attributes":{ "cod ":"Lebara All-in NL 0.0, "price-total":11 ", "provider-name": der-name":"Wirecard" EBALLINNL15", "ci R", "provider-code":"] :0.00, "price-fee":1.99 | .99, "price-tax":0.00 "Wirecard", "image } } }, urrency":"EUR", "ean LEBARA", "provider 9, "payment-methods' | |
| 4.1.6.4 4.1.6.4.1 | Voucher detail Voucher deta | | | | | | |
| GET /api/rest 4.1.6.4.2 HTTP/1.1 20 { "data":{ "currency":"F code":"LEBA fee":1.99, "; wirecard.com | /v1/vouchers/:vouc Voucher deta 0 OK Content-Typ ["id":"f634f09 EUR", "ean-code' uRA", "provider-n payment-methods" | cher-id HTTP/1. til response e: application/vi ff-9a06-4297-a3; ':"87174722422 ame":"Lebara", : { "wirecard- recard-paypal":{ | d.api+json 26-0d703938b702", 11", "encryption-typo "short-name":"All-in creditcard":{ "name" | "type":"voucher", e":0, "kind":0, "name NL 10", "value":10.0, ':"Credit Card", "provi | "attributes":{ "cod ":"Lebara All-in NL "price-total":11.99, " _I der-name":"Wirecard" | price-tax":0.00, "price | r- >- |
| See [Vou | cherWebRes | erve] meth | od in the [Mim | as integration] d | documentation | for the source | |
| of these f | | | | | | | |
| | Voucher orde Descripti | • | ole | I | | | |
| variauli | cs Descripti | on Exam | /IC | | | 1.1 | |



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" } } }

| ľ | 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 |
| | | | | | |

4.1.6.5.2 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-h0mLD2zDgf26ptjxSNRiKFiIIM", "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" } } }

4.1.6.6 Voucher order detail

4.1.6.6.1 Voucher order detail request

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

4.1.6.6.2 Voucher order detail response

"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-homLD2zDgf26ptjxSNRiKFiIIM", "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" } } }

4.1.6.7 Provider Text

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

4.1.6.7.1 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
 4.1.6.7.2
                            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." } } ] }
4.1.6.8
                        Content
See [Content Service] for more information on the source of these fields.
4.1.6.8.1
                            Content request
     Variables
                                                                                      Description
                                                                                                                                                                        Example
[GET /api/rest/v1/content/i18next.json HTTP/1.1 Authorization: No Auth Accept: application/json
 4.1.6.8.2
                            Content response
HTTP/1.1 200 OK Content-Type: application/json
["ontion-1": "Selection 1", "option-2": "Selection 2", } }, "de": { "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", } }
4.1.6.9
                        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-4302-83lf-e41df4ce4084", "type": "phone-number-verification", "attributes": { "phone-number": "+381691994655", "sms-
confirmation-code": "716569" } }
4.1.6.9.2
                            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 } } }
4.1.6.9.3
                            Verification request by sms
POST /api/rest/v1/auth/sms-verification-code HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json {
"48f4dfer-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 } } }
4.1.6.10
                      Cookies
4.1.6.10.1 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": "name": "ns_dev_id", "value": "name": "ns_dev_id", "value": "name": "nam
"attributes": { "name
"device_id" } } ] }
 4.1.6.10.2 Cookies response
HTTP/1.1 200 OK
4.1.6.11 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.
4.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
4.1.6.11.2 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" ] }
                                                                                                                                                                                                                       "orderPriceTotal".
4.1.6.12 i18 internationalization
                  Retrieves i18next json based on requested language
4.1.6.12.1 i18 request
GET api/rest/v1/content/i18next.json/de HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
```



5 Markdown1-2

5.1 PUZZLES CLOUD MARKDOWN FILE HEADING 1

- 5.1.1 Welcome to the puzzles cloud md file HEADING 2
- 5.1.1.1 Let's start with stupid jokes HEADING 3
- 5.1.1.1.1 Let me tell you stupid joke on German: HEADING4
 - # "Hey Philipp, wie war denn der Urlaub?"
 - # "Gräßlich! Im Hotel hatte ich Zimmernummer hundert. Und vom Türschild ist die Eins abgefallen!"

ÜÜÜÜÜÜ- that was stupid

- 5.1.1.1.2 Let's switch to the Czech language HEADING 4
 - # "Co r##óobi trak##óto##r u f##ry###zjera?"
 - # War##kocze.

#####ó###!!!!

Just kidding, that was Poland language u fool, let's switch to the Czech for real 5.1.1.1.2.1 Real Czech language HEADING 5

ýžá##é#í#ó#š#ú#

- # Jak #íkáte albínskému muži z Prahy?
- # Prázdný #ech.

5.2 Longest Serbian word he he HEADING 1

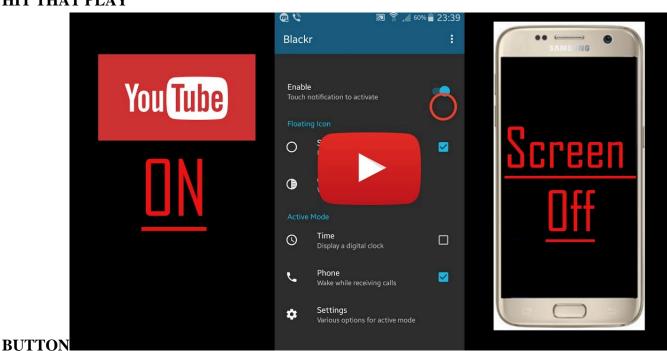
5.2.1 Serbian literature HEADING 2

5.3 It's enough, lets start with some smart things HEADING 1

1.

PLAY THIS VIDEO AND THANKS ME LATER!

HIT THAT PLAY



Yep, it's a picture, fool... lol Here you go, CLICK IT:







Figure 1: Last Page