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1 Introduction

1.1 References

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2 Markdown3

2.1 Edge Service

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

- 2.1.1 TODO
- 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
- 2.1.1.2 TODO version 1.0-next
 - # [] refactor entities and apply relationships
 - # [] provide full resource schemas
 - # [] enforce validation of resource schemas
- 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

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.

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.

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.

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].

2.1.6.1	Login						
2.1.6.1.1	Login request						
Variables		Descript	ion	1	Example		
ICP_SHO	P_ID	see [Test credenti	environment als]	t and			
ICP_SHO	P_PASSPHRASE	see [Test credenti	environment als]	t and			
ICP_SHO	P_DIGEST		from \${ICP_S IOP_PASSPHI		MzAwMDAwMTY6	6dG9wLXNlY3JldC1	lwYXNzcGhyYXNl
2.1.6.1.2	st/v1/auth/login HTTP/1.1 Login response 1 Created Content-Type: a Cookies		-	P_DIGEST} Accept:	application/vnd.api+	json	l
Name	Value	Domain	Path	Expires	HttpOnly	Secure	
SESSION	MmQ5ZjkxOGl	tMi Tadueti.e 00MQI	iołkwp1.m o cks	YmUw Sj?nssidaJ iZI	OY5 true	false	
2.1.6.2 2.1.6.2.1	Logout Logout request						
Variables	0 1	Descript	ion	1	Example		
2.1.6.2.2 HTTP/1.1 20 2.1.6.3 See [Vou these field 2.1.6.3.1 GET /api/rest 2.1.6.3.2 HTTP/1.1 20 { "data":["currency":"Hcode":"LEBA" "price-fee":1. url":"https://v"id":"a3473et; code":"87174 name":"Leba ["wirecard-opaypal":{ "n. 2.1.6.4 2.1.6.4.1	Voucher list cherWebList] me ds. Voucher list reques v1/v1/vouchers HTTP/1.1 A Voucher list respon O OK Content-Type: appli { "id":"f634f09f-9a EUR", "ean-code":"871-9a Payment-methods virecard.com/logo.png" 20-19b4-44fe-8389-67a51 72242129", "encryption- ra", "short-name":"All-in creditcard":{ "name":"Cre ame":"PayPal", "provider Voucher detail Voucher detail req	thod in the [1] at uthorization: No Au use cation/vnd.api+json 06-4297-a326-0d70 472242211", "enc "Lebara", "short- : { "wirecard-cu } "wirecard-pay 1854759", "type": type":0, "kind":0, NL 15", "value":1 dit Card", "provid -name":"Wirecard" usest	Mimas inte	"type":"voucher", , "kind":0, "name NL 10", "value":1 name":"Credit Card ":"PayPal", "provi. ributes":{ "code":"L1 a All-in NL 15 EUF 1":16.99, "price-tax", card", "image-url":"	"attributes":{ "coo ":"Lebara All-in NL 0.0, "price-total":1 ", "provider-name' der-name":"Wirecard EBALLINNL15", "c (20,00, "price-fee":1.9 https://wirecard.com/	de":"LEBALLINNL1 10 EUR", "provid 1.99, "price-tax":0. ":"Wirecard", "ima "	ler- 00, ge- { an- ler- ls":
2.1.6.4.2 HTTP/1.1 20 { "data": "currency":"H code":"LEBA fee":1.99, " wirecard.com 2.1.6.5	EUR", "ean-code":"8717 "RA", "provider-name":" provider-name":" /logo.png" }, "wirecard- Voucher order cherWebReserve	cation/vnd.api+jsor 4297-a326-0d7039 472242211", "enc Lebara", "short-nar virecard-creditcard' paypal":{ "name":'	n 38b702", "ty rryption-type":0 me":"All-in NL :{ "name":"Cn PayPal", "prov	ype":"voucher", ", "kind":0, "name 10", "value":10.0, 'redit Card", "provicider-name":"Wirecar	'attributes":{ "cod" ":"Lebara All-in NL "price-total":11.99, ' der-name":"Wirecard d" } } } }	'price-tax":0.00, "pri ", "image-url":"http	der- ce- s://
2.1.6.5.1	Voucher order req	uest					
Variable	es Description 1					1	I
		-					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" } } }

P	TOVIDELLEXIS, OLDEL-SUCC	ess-redirect-urr . /success	, order-raneu-redirect-urr .	laned, order-canceled-i	edifect-uii . /cancei } }
	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

2.1.6.5.2 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" } }

2.1.6.6 Voucher order detail

2.1.6.6.1 Voucher order detail request

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

2.1.6.6.2 Voucher order detail response

2.1.0.0.2 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" } } }

2.1.6.7 Provider Text

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

2.1.6.7.1 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
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"; "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." } } ] }
2.1.6.8
                        Content
See [Content Service] for more information on the source of these fields.
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
2.1.6.8.2
                           Content response
HTTP/1.1 200 OK Content-Type: application/json
["on: { "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", } }
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-4302-83lf-e41df4ce4084", "type": "phone-number-verification", "attributes": { "phone-number": "+381691994655", "sms-
confirmation-code": "716569" } }
2.1.6.9.2
                           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 } } }
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 {
"48f4dfef-9baa-4302-831f-e41df4ce4084", "type": "sms-verification-code", "attributes": { "phone-number": "+381691994655" } } }
                           Verification by sms number response
HTTP/1.1 200 OK Content-Type: application/vnd.api+json { "data": { "type": "sms-verification-code", "attributes": { "phone-number": "+381691994655", "ok": true, "remaining-number-of-attempts" 2, "remaining-delay-time": 20, "remaining-expiration-time": 1800 } } }
                     Cookies
2.1.6.10
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": "name": "ns_dev_id", "value": "name": "ns_dev_id", "value": "name": "nam
"attributes": { "name
"device_id" } } ] }
2.1.6.10.2 Cookies response
HTTP/1.1 200 OK
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.
2.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
2.1.6.11.2 Documentation response
Complete Response is omitted because of size, here is just a part:
HTTP/1.1 200 OK
"orderStatus", "orderTaxTotal", "notificationStatus", "notificationTarget", "notificationType", "orderFeeTotal", "orderPriceTotal" "orderStatus", "orderTaxTotal", "paymentMethod", "paymentProvider", "paymentStatus", "shortId", "voucherCode", "voucherCurrency" "voucherStatus", "voucherValue" ] }
                                                                                                                                                                                                                     "orderPriceTotal".
2.1.6.12 i18 internationalization
                  Retrieves i18next json based on requested language
2.1.6.12.1 i18 request
GET api/rest/v1/content/i18next.json/de HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
```



3 Markdown3

3.1 Edge Service

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

- 3.1.1 TODO
- 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
- 3.1.1.2 TODO version 1.0-next
 - # [] refactor entities and apply relationships
 - # [] provide full resource schemas
 - # [] enforce validation of resource schemas
- 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

3.1.3 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.

3.1.4 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.

3.1.5 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.

3.1.6 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].

-	ess Control].						
3.1.6.1 L 3.1.6.1.1	ogin Login request						
Variables	Login requesi	Descript	tion		Example		
ICP_SHOP	_ID	see [Tes	t environmen ials]	at and	-		
ICP_SHOP	_PASSPHRASE	see [Tes	t environmen ials]	nt and			
ICP_SHOP	_DIGEST		from \${ICP_5 HOP_PASSPH	_ ,	MzAwMDAwMTY6	ódG9wLXNIY3Jld0	C1wYXNzcGhyYXNl
3.1.6.1.2	/v1/auth/login HTTP/1. Login response Created Content-Type: Cookies		` -	OP_DIGEST} Accept	: application/vnd.api+	json	l
Name	Value	Domain	Path	Expires	HttpOnly	Secure	
SESSION	MmQ5ZjkxOG	ItMiF A4UA rLyc00A[Q]	HOMANI I MOCKE	SYmUw SjensioaJ iZ	DY5 true	false	
	ogout		-	v			
3.1.6.2.1	Logout request	5					
Variables		Descript	tion		Example		
3.1.6.2.2 HTTP/1.1 204 3.1.6.3 V See [Vouc these field 3.1.6.3.1 GET /api/rest/3 3.1.6.3.2 HTTP/1.1 200 { "data":["currency":"EBAI "price-fee":1.9 url":"https://wi "id":"a3473e20 code":"871747	Coucher list CherWebList] me Is. Voucher list reque Voucher list respo OK Content-Type: app { "id":"f634f09f-9; JR", "ean-code":"871 RA", "provider-name' 9, "payment-methods recard.com/logo.png" 0-19b4-44fe-8389-67a5 2242129", "encryption	ethod in the [a Authorization: No A nse ication/vnd.api+jso no6-4297-a326-0d70 7472242211", "en :"Lebara", "short- "" wirecard-pay 11854759", "type": -type":0, "kind":0,	Mimas inte	egration] docu plication/vnd.api+jso "type":"voucher", 0, "kind":0, "nam NL 10", "value": "name":"Credit Car e":"PayPal", "prov tributes":{ "code":"I	mentation for "attributes":{ "core":"Lebara All-in NL 10.0, "price-total":1 d", "provider-name":"Wirecard LEBALLINNL15", "c R", "provider-code":	de":"LEBALLINNI 10 EUR", "prov 1.99, "price-tax": ':"Wirecard", "im "	.10", ider- 0.00, lage- { ean- ider-
name":"Lebara ["wirecard-cr paypal":{ "nar 3.1.6.4 V	ı", "short-name":"All-iı editcard":{ "name":"Cı ne":"PayPal", "provide <i>Youcher detail</i>	n NL 15", "value":1 edit Card", "provid r-name":"Wirecard'	15.0, "price-tota ler-name":"Wire	al":16.99, "price-tax	":0.00, "price-fee":1.9	99, "payment-metho	ods":
3.1.6.4.1 Voucher detail request [GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 3.1.6.4.2 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, "pa wirecard.com/l 3.1.6.5 V	ayment-methods": { "logo.png" }, "wirecard Youcher order	wirecard-creditcard -paypal":{ "name":	":{ "name":"C "PayPal", "prov	Credit Card", "prov vider-name":"Wireca	ider-name":"Wirecard ard" } } } } }	", "image-url":"htt	tps://
_	cherWebReserve] method in t	he [Mimas	s integration]	documentation	for the source	re
of these fi							
3.1.6.5.1	Voucher order red						
	s Description						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" } } }

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

3.1.6.5.2 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" } } }

3.1.6.6 Voucher order detail

3.1.6.6.1 Voucher order detail request

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

3.1.6.6.2 Voucher order detail response

3.1.0.0.2 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" } } }

3.1.6.7 Provider Text

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

3.1.6.7.1 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
 3.1.6.7.2
                            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." } } ] }
3.1.6.8
                        Content
See [Content Service] for more information on the source of these fields.
3.1.6.8.1
                            Content request
     Variables
                                                                                      Description
                                                                                                                                                                        Example
[GET /api/rest/v1/content/i18next.json HTTP/1.1 Authorization: No Auth Accept: application/json
 3.1.6.8.2
                            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", } }
3.1.6.9
                        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" } }
3.1.6.9.2
                            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 } } }
3.1.6.9.3
                            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 } } }
3.1.6.10
                      Cookies
 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", "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" } } ] }
 3.1.6.10.2 Cookies response
HTTP/1.1 200 OK
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.
3.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
3.1.6.11.2 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".
3.1.6.12 i18 internationalization
                  Retrieves i18next json based on requested language
3.1.6.12.1 i18 request
GET api/rest/v1/content/i18next.json/de HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
```



4 Markdown4-2

4.1 From today's featured article



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

4.1.1 Did you know ...

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

4.1.1.1 In the news

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

4.1.1.1.1 On this day

4.1.1.1.1.1 March 2

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

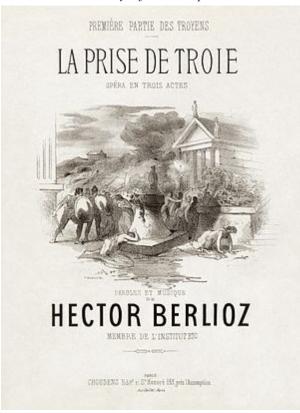
1865 -- New Zealand Wars: Carl Sylvius Völkner (pictured), a Protestant missionary, was killed by Hauhau militants in #p#tiki for working as an agent for George Grey, Governor-General of New Zealand.

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

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



4.1.1.1.1.1 Today's featured picture



4.2 Armed conflicts and attacks

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

4.2.1 Health and environment

- # <u>COVID-19 pandemic</u>
 - 1. COVID-19 pandemic in Asia
 - # COVID-19 pandemic in Indonesia
 - # Indonesia reports their first two cases of Lineage B.1.1.7 variant first detected in the United Kingdom. (Liputan6.com)
 - # COVID-19 pandemic in Iraq
 - # Iraq receives 50,000 doses of Sinopharm vaccines as the country officially begins its vaccination campaign. (Asharq Al-Awsat)
 - # COVID-19 pandemic in Mongolia
 - # Mongolia surpasses 3,000 cases of COVID-19. (Montsame)
 - # COVID-19 pandemic in the Philippines
 - # The Philippines reports their first six cases of 501.V2 variant first detected in South Africa. (GMA News)



5 Markdown3

5.1 Edge Service

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

- 5.1.1 TODO
- 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
- 5.1.1.2 TODO version 1.0-next
 - # [] refactor entities and apply relationships
 - # [] provide full resource schemas
 - # [] enforce validation of resource schemas
- 5.1.2 Test environment and credentials

TODO

Username	Password	Description
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test@gmail.com	test	just testing
testtest	test	qa

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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.

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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.

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

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

SHICL [ACCE	_							
5.1.6.1 Log 5.1.6.1.1 L	gin .ogin request							
Variables	ogin requesi	Descript	ion		Example			
ICP_SHOP_II	D	see [Test	t environment als]	and	-			
ICP_SHOP_P	ASSPHRASE	see [Test	t environment als]	and				
ICP_SHOP_D	IGEST		from \${ICP_SI HOP_PASSPHR		MzAwMDAwMTY6	dG9wLXNlY3JldC	1wYXNzcGhyYXNl	
5.1.6.1.2 L HTTP/1.1 201 Cr	l/auth/login HTTP/1.1 Login response Leated Content-Type: a Lookies			P_DIGEST} Accep	ot: application/vnd.api+j	ison		
Name	Value	Domain	Path	Expires	HttpOnly	Secure		
SESSION	MmQ5ZjkxOGI	t Mit rastievi.ve 008/12)	FIOHWYJ I MOCKSY	mUw Sensioaj i	ZDY5 true	false		
	gout ogout request		1	J				
Variables	ogoui requesi	Descript	tion		Example			
v ariabics		Descript	2011		Lample			
5.1.6.2.2 L	l/auth/logout HTTP/1	1 Authorization: N	o Auth Accept: a	application/vnd.ap	i+json		1	
HTTP/1.1 204 No. 5.1.6.3 Vo.	ucher list						l	
	erWebList] mei	thod in the [I	Mimas integ	gration] doc	rumentation for i	the source of		
these fields.	=	-	`	, ,	v	J		
GET /api/rest/v1/	oucher list reques vouchers HTTP/1.1 Av oucher list respon	uthorization: No A	uth Accept: appl	ication/vnd.api+js	on		1	
HTTP/1.1 200 OI { "data":[{ "currency":"EUR code":"LEBARA "price-fee":1.99, url":"https://wirec "id":"a3473e20-1 code":"87174722 name":"Lebara", ["wirecard-cred: paypal":{ "name 5.1.6.4 Vo	K Content-Type: applic "id":"f634f09f-9aC ", "ean-code":"87174 ", "provider-name":' "payment-methods" card.com/logo.png" 9b4-44fe-8389-67a511 42129", "encryption-1" short-name":"All-in itcard":{ "name":"Cre ":"PayPal", "provider- ucher detail	cation/vnd.api+jsoi 6-4297-a326-0d7(472242211", "ene 'Lebara", "short- : { "wirecard-c} } "wirecard-pay 854759", "type": 'yype":0, "kind":0, NL 15", "value":1 dit Card", "provid- name":"Wirecard"	03938b702", " cryption-type":0, -name":"All-in N reditcard":{ "r rpal":{ "name" "voucher", "attri "name":"Lebar: 5.0, "price-total ler-name":"Wirec	"kind":0, "nar NL 10", "value' name":"Credit Ca ':"PayPal", "pro ibutes":{ "code":' a All-in NL 15 El ":16.99, "price-ta	"attributes":{ "coone":"Lebara All-in NL ':10.0, "price-total":1 rd", "provider-name": Wirecard 'LEBALLINNL15", "cur, "provider-code":' x":0.00, "price-fee":1.9 ':"https://wirecard.com/	:"Wirecard", "ima "	der- l.00, age- { ean- der- ds":	
GET /api/rest/v1/	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 5.1.6.4.2 Voucher detail response							
HTTP/1.1 200 OI { "data":{ "currency":"EUR code":"LEBARA fee":1.99, "payr wirecard.com/log	K Content-Type: applic "id":"f634f09f-9a06- ", "ean-code":"87174 ", "provider-name":"I	cation/vnd.api+jsoi 4297-a326-0d7039 472242211", "end Lebara", "short-na virecard-creditcard	38b702", "ty cryption-type":0, me":"All-in NL ":{ "name":"Cr	10", "value":10.0 edit Card", "pro	ne":"Lebara All-in NL , "price-total":11.99, " vider-name":"Wirecard'	price-tax":0.00, "pr	der- rice-	
See [Vouch	erWebReserve]	method in t	he [Mimas	integration]	documentation	for the source	e	
of these fiel								
	oucher order requ							
	Description I							
		-						



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" } } }

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

5.1.6.5.2 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" } }

5.1.6.6 Voucher order detail

5.1.6.6.1 Voucher order detail request

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

5.1.6.6.2 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", "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" } } }

5.1.6.7 Provider Text

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

5.1.6.7.1 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
5.1.6.7.2
                          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." } } ] }
5.1.6.8
                       Content
See [Content Service] for more information on the source of these fields.
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
5.1.6.8.2
                          Content response
HTTP/1.1 200 OK Content-Type: application/json
["on: { "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", } }
5.1.6.9
                       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" } }
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 } } }
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 {
"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 } } }
5.1.6.10
                     Cookies
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": "name": "ns_dev_id", "value": "name": "ns_dev_id", "value": "name": "nam
"attributes": { "name
"device_id" } } ] }
5.1.6.10.2 Cookies response
HTTP/1.1 200 OK
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.
5.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
5.1.6.11.2 Documentation response
Complete Response is omitted because of size, here is just a part:
HTTP/1.1 200 OK
"orderStatus", "orderTaxTotal", "notificationStatus", "notificationTarget", "notificationType", "orderFeeTotal", "orderPriceTotal" "orderStatus", "orderTaxTotal", "paymentMethod", "paymentProvider", "paymentStatus", "shortId", "voucherCode", "voucherCurrency" "voucherStatus", "voucherValue" ] }
                                                                                                                                                                                                               "orderPriceTotal".
5.1.6.12 i18 internationalization
                 Retrieves i18next json based on requested language
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
```



6 Markdown3

6.1 Edge Service

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

- 6.1.1 TODO
- 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
- 6.1.1.2 TODO version 1.0-next
 - # [] refactor entities and apply relationships
 - # [] provide full resource schemas
 - # [] enforce validation of resource schemas
- 6.1.2 Test environment and credentials

TODO

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

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.

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.

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.

6.1.6 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].

strict [Access Control].					
6.1.6.1 Login					
6.1.6.1.1 Login request					
Variables	Description	Example			
ICP_SHOP_ID	see [Test environment and credentials]	ì			
ICP_SHOP_PASSPHRASE	see [Test environment and credentials]	i e			
ICP_SHOP_DIGEST	Derived from \${ICP_SHOP} \${ICP_SHOP_PASSPHRASE}		.XNIY3JIdC1wYXNzcGhyYXNI		
POST /api/rest/v1/auth/login HTTP/1.1 Auth	orization: Basic \${ICP_SHOP_DI	GEST} Accept: application/vnd.api+json			
6.1.6.1.2 Login response [HTTP/1.1 201 Created Content-Type: applic 6.1.6.1.3 Cookies	ation/vnd.api+json				
Name Value Do	omain Path	Expires HttpOnly Se	cure		
SESSION MmO5ZjkxOGItMfff	MATERI, EOONEQTI OILWH I MOCKIS Ym U	w Senschal iZDY5 true fal	se		
6.1.6.2 Logout	FF				
6.1.6.2.1 Logout request					
Variables	Description	Example			
POST /api/rest/v1/auth/logout HTTP/1.1 Aut	horization: No Auth Accept: appli	cation/vnd.api+ison	1		
6.1.6.2.2 Logout response			ı		
HTTP/1.1 204 No Content 6.1.6.3 Voucher list					
See [VoucherWebList] method	d in the [Mimas integra	ution I documentation for the se	ource of		
	i in ine [Mimas iniegra	tion; documentation for the so	rurce oj		
these fields. 6.1.6.3.1 Voucher list request					
GET /api/rest/v1/vouchers HTTP/1.1 Author	ization: No Auth Accept: applicati	on/vnd.api+json			
6.1.6.3.2 Voucher list response		· •			
HTTP/1.1 200 OK Content-Type: application { "data": [97-a326-0d703938b702". "type	e":"voucher", "attributes":{ "code":"LE	BALLINNL10",		
"currency":"EUR", "ean-code":"871747224 code":"LEBARA", "provider-name":"Leba	12211", "encryption-type":0, "k	tind":0, "name":"Lebara All-in NL 10 EU 10", "value":10.0, "price-total":11.99, ":"Credit Card", "provider-name":"Wired	JR", "provider-		
"price-fee":1.99, "payment-methods": {	"wirecard-creditcard":{ "name	e":"Credit Card", "provider-name":"Wired	card", "image-		
https://wirecard.com/logo.png"	'wirecard-paypal":} "name":"Pa	yPal", "provider-name":"Wirecard" } es":{ "code":"LEBALLINNL15", "currency	} } }. {		
code":"8717472242129", "encryption-type" name":"Lebara", "short-name":"All-in NL 1	:0, "kind":0, "name":"Lebara Al	1-in NL 15 EUR", "provider-code":"LEBAI	RA", "provider-		
wirecard-creditcard": "name": "Credit C	ard", "provider-name":"Wirecard'	.99, "price-tax":0.00, "price-fee":1.99, "pay ', "image-url":"https://wirecard.com/logo.pn	yment-methods": g" } "wirecard-		
["wirecard-creditcard":{ "name":"Credit Card", "provider-name":"Wirecard", "image-url":"https://wirecard.com/logo.png" } "wirecard-paypal":{ "name":"PayPal", "provider-name":"Wirecard" }] }] }					
6.1.6.4 Voucher detail 6.1.6.4.1 Voucher detail request					
GET /api/rest/v1/vouchers/:voucher-id HTTI	P/1.1 Authorization: No Auth Acce	ept: application/vnd.api+json			
6.1.6.4.2 Voucher detail respons					
HTTP/1.1 200 OK Content-Type: application/vnd.api+json					
"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" } } } } }					
wirecard.com/logo.png" }, "wirecard-paypa 6.1.6.5 Voucher order	l":{ "name":"PayPal", "provider-	name":"Wirecard" } } } }			
See [VoucherWebReserve] method in the [Mimas integration] documentation for the source					
of these fields.					
	6.1.6.5.1 Voucher order request				
Variables Description Exa	mple				
	I		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" } } }

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

6.1.6.5.2 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" } } }

6.1.6.6 Voucher order detail

6.1.6.6.1 Voucher order detail request

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

6.1.6.6.2 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" } } }

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

6.1.6.7.1 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
6.1.6.7.2
                            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." } } ] }
6.1.6.8
                        Content
See [Content Service] for more information on the source of these fields.
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
6.1.6.8.2
                            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", } }
6.1.6.9
                        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" } }
6.1.6.9.2
                            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 } } }
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 {
"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 } } }
6.1.6.10
                      Cookies
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": "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" } } ] }
6.1.6.10.2 Cookies response
HTTP/1.1 200 OK
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.
6.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
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" ] }
                                                                                                                                                                                                                       "orderPriceTotal".
6.1.6.12 i18 internationalization
                  Retrieves i18next json based on requested language
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
```



7 Markdown4-2

7.1 From today's featured article



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

7.1.1 Did you know ...

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

7.1.1.1 In the news

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

7.1.1.1.1 *On this day*

7.1.1.1.1.1 March 2

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

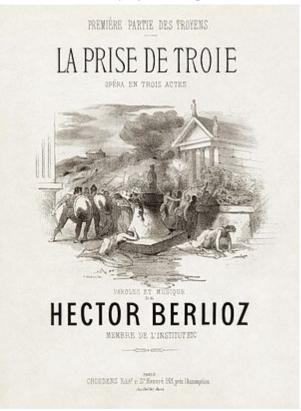
1865 -- New Zealand Wars: Carl Sylvius Völkner (pictured), a Protestant missionary, was killed by Hauhau militants in #p#tiki for working as an agent for George Grey, Governor-General of New Zealand.

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

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



7.1.1.1.1.1 Today's featured picture



7.2 Armed conflicts and attacks

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

7.2.1 Health and environment

- # <u>COVID-19 pandemic</u>
 - 1. COVID-19 pandemic in Asia
 - # COVID-19 pandemic in Indonesia
 - # <u>Indonesia</u> reports their first two cases of <u>Lineage B.1.1.7</u> variant first detected in the United Kingdom. (Liputan6.com)
 - # COVID-19 pandemic in Iraq
 - # Iraq receives 50,000 doses of Sinopharm vaccines as the country officially begins its vaccination campaign. (Asharq Al-Awsat)
 - # COVID-19 pandemic in Mongolia
 - # Mongolia surpasses 3,000 cases of COVID-19. (Montsame)
 - # COVID-19 pandemic in the Philippines
 - # The Philippines reports their first six cases of 501.V2 variant first detected in South Africa. (GMA News)



8 Markdown3

8.1 Edge Service

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

- 8.1.1 TODO
- 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
- 8.1.1.2 TODO version 1.0-next
 - # [] refactor entities and apply relationships
 - # [] provide full resource schemas
 - # [] enforce validation of resource schemas
- 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

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.

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.

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.

8.1.6 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].

strict [Access Control].				
8.1.6.1 Login				
8.1.6.1.1 Login request				
Variables	Description	Example		
ICP_SHOP_ID	see [Test environment an credentials]	nd		
ICP_SHOP_PASSPHRASE	see [Test environment an credentials]	nd		
ICP_SHOP_DIGEST	Derived from \${ICP_SHO} \${ICP_SHOP_PASSPHRAS		XNIY3JldC1wYXNzcGhyYXNl	
POST /api/rest/v1/auth/login HTTP/1.1 Aut	horization: Basic \${ICP_SHOP_D	DIGEST} Accept: application/vnd.api+json		
8.1.6.1.2 Login response [HTTP/1.1 201 Created Content-Type: applie 8.1.6.1.3 Cookies	cation/vnd.api+json		I	
Name Value D	omain Path	Expires HttpOnly Sec	eure	
SESSION MmQ5ZjkxQGItMfl	ALUZI. 2000 AZEKULAYA 1 MOZ KIY M	Uw Zičiisšita JiZDY5 true fals	Se.	
8.1.6.2 Logout			, ,	
8.1.6.2.1 Logout request				
Variables	Description	Example		
POST /api/rest/v1/auth/logout HTTP/1.1 Au	thorization: No Auth Accepts ann	ligation/ynd ani Ligan	I	
8.1.6.2.2 Logout response	unorization. No Auth Accept. app.	ncation/viid.apr+json	l	
HTTP/1.1 204 No Content				
8.1.6.3 Voucher list	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		C	
	d in the [Mimas integr	ation] documentation for the so	urce of	
these fields.				
8.1.6.3.1 Voucher list request	wirestians No Auth Assents annline	tion/rmd onition	ı	
GET /api/rest/v1/vouchers HTTP/1.1 Autho 8.1.6.3.2 Voucher list response	rization: No Auth Accept: applica	tion/vnd.api+json		
HTTP/1.1 200 OK Content-Type: application				
{ "data":[{ "id":"f634f09f-9a06-4/ "currency":"EUR", "ean-code":"87174722	297-a326-0d703938b702", "typ 42211", "encryption-type":0, "	pe":"voucher", "attributes":{ "code":"LEE 'kind":0. "name":"Lebara All-in NL 10 EUI	BALLINNL10", R". "provider-	
code":"LEBARA", "provider-name":"Leb	ara", "short-name":"All-in NL	kind":0, "name":"Lebara All-in NL 10 EUI 10", "value":10.0, "price-total":11.99, " ne":"Credit Card", "provider-name":"Wireca	price-tax":0.00,	
lurl":"https://wirecard.com/logo.png" }	"wirecard-paypal": { "name": "F	avPal". "provider-name":"Wirecard" }	} } }. {	
"id":"a3473e20-19b4-44fe-8389-67a511854	759". "type":"youcher". "attribu	tes":{ "code":"LEBALLINNL15", "currency'	":"EUR", "ean-	
name":"Lebara", "short-name":"All-in NL	15", "value":15.0, "price-total":1	All-in NL 15 EUR", "provider-code":"LEBAR 6.99, "price-tax":0.00, "price-fee":1.99, "payı	ment-methods":	
paypal":{ "name":"Credit Card":{ "name":"Credit C	Card", "provider-name":"Wirecard ie":"Wirecard"	d", "image-url":"https://wirecard.com/logo.png	" } "wirecard-	
8.1.6.4 Voucher detail			'	
8.1.6.4.1 Voucher detail request			1	
GET /api/rest/v1/vouchers/:voucher-id HTT 8.1.6.4.2 Voucher detail response		cept: application/vnd.api+json		
HTTP/1.1 200 OK Content-Type: application	n/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-payp	ard-creditcard :{	r-name":"Wirecard" } } } }	ge-uri : https://	
8.1.6.5 Voucher order				
See [VoucherWebReserve] method in the [Mimas integration] documentation for the source				
of these fields.				
8.1.6.5.1 Voucher order request				
Variables Description Exa				



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

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" } } }

8.1.6.6 Voucher order detail

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

8.1.6.6.2 Voucher order detail response

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" } } }

8.1.6.7 Provider Text

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

8.1.6.7.1 Provider Text request

Variables Example **Description**



```
8.1.6.7.2
                           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." } } ] }
8.1.6.8
                        Content
See [Content Service] for more information on the source of these fields.
8.1.6.8.1
                            Content request
    Variables
                                                                                     Description
                                                                                                                                                                       Example
[GET /api/rest/v1/content/i18next.json HTTP/1.1 Authorization: No Auth Accept: application/json
8.1.6.8.2
                            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", } }
8.1.6.9
                        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" } }
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 } } }
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 {
"48f4dfef-9baa-4302-831f-e41df4ce4084", "type": "sms-verification-code", "attributes": { "phone-number": "+381691994655" } } }
                           Verification by sms number response
HTTP/1.1 200 OK Content-Type: application/vnd.api+json { "data": { "type": "sms-verification-code", "attributes": { "phone-number": "+381691994655", "ok": true, "remaining-number-of-attempts" 2, "remaining-delay-time": 20, "remaining-expiration-time": 1800 } } }
                     Cookies
8.1.6.10
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": "name": "ns_dev_id", "value": "name": "ns_dev_id", "value": "name": "nam
"attributes": { "name
"device_id" } } ] }
8.1.6.10.2 Cookies response
HTTP/1.1 200 OK
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.
8.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
8.1.6.11.2 Documentation response
Complete Response is omitted because of size, here is just a part:
HTTP/1.1 200 OK
"orderStatus", "orderTaxTotal", "notificationStatus", "notificationTarget", "notificationType", "orderFeeTotal", "orderPriceTotal" "orderStatus", "orderTaxTotal", "paymentMethod", "paymentProvider", "paymentStatus", "shortId", "voucherCode", "voucherCurrency" "voucherStatus", "voucherValue" ]}
                                                                                                                                                                                                                       "orderPriceTotal".
8.1.6.12 i18 internationalization
                  Retrieves i18next json based on requested language
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
```

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



9 UC3 Just testing

9.1 Edge Service

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

- 9.1.1 TODO
- 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
- 9.1.1.2 TODO version 1.0-next
 - # [] refactor entities and apply relationships
 - # [] provide full resource schemas
 - # [] enforce validation of resource schemas
- 9.1.2 Test environment and credentials

TODO

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

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.

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.

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.

9.1.6 **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].

-	Login						
9.1.6.1.1	Login Login request						
Variables	-	Descrip	tion		Example		
ICP_SHOP	P_ID	see [Tes	t environmen [als]	nt and			
ICP_SHOP	P_PASSPHRASE	see [Tes credenti	t environmen als]	nt and			
ICP_SHOP	P_DIGEST		from \${ICP_S HOP_PASSPH	_ /	MzAwMDAwMTY6	ódG9wLXNlY3Jld0	C1wYXNzcGhyYXNl
9.1.6.1.2	t/v1/auth/login HTTP/1 Login response Created Content-Type: Cookies		-	OP_DIGEST} Accept	t: application/vnd.api+	json	l
Name	Value	Domain	Path	Expires	HttpOnly	Secure	
SESSION	MmQ5ZjkxO(GItM irasteet ,eooweq	FORWHIMOCK	SYmUw Sjänsioo JiZ	ZDY5 true	false	
9.1.6.2	Logout						
9.1.6.2.1	Logout request						
Variables		Descrip	tion		Example		
	t/v1/auth/logout HTTP/	1.1 Authorization: N	o Auth Accept:	application/vnd.api-	+json		
9.1.6.2.2 HTTP/1.1 204 9.1.6.3	Logout response No Content Voucher list						1
, 121010	cherWebList] m	ethod in the [.	Mimas inte	egration1 doci	umentation for	the source of	•
these field	=						
9.1.6.3.1	Voucher list requ						
GET /api/rest/ 9.1.6.3.2	GET /api/rest/v1/vouchers HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 9.1.6.3.2 Voucher list response						
HTTP/1.1 200	OK Content-Type: app	olication/vnd.api+jso	03938b702"	"type":"voucher",	"attributes":{ "co	de":"LEBALLINNI	.10",
	"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-						
"price-fee":1.9 url":"https://w	rirecard.com/logo.png"	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/pal":{ "name	e":"PayPal", "prov	vider-name":"Wirecard	l" } } }.	nage-
code":"87174	0-19b4-44fe-8389-67a5 72242129", "encryption	n-type":0, "kind":0,	"name":"Leba	ara All-in NL 15 EU	JR", "provider-code":	"LEBARA", "prov	ider-
name":"Lebar ["wirecard-c	a", "short-name":"Åll-i reditcard":{ "name":"C	n NL 15", "value":1 redit Card", "provid	5.0, "price-total ler-name":"Wir	al":16.99, "price-tax ecard", "image-url":	":0.00, "price-fee":1.9 "https://wirecard.com/	99, "payment-metho logo.png" } "wireo	ods": card-
paypal":{ "na	me":"PayPal", "provide Voucher detail	er-name":"Wirecard'	'		•		
9.1.6.4.1	Voucher detail re	quest					
	v1/vouchers/:voucher-io	d HTTP/1.1 Authoriz	zation: No Auth	Accept: application	/vnd.api+json		
9.1.6.4.2 Voucher detail response [HTTP/1.1 200 OK Content-Type: application/vnd.api+json]							
"currency":"È	"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":"LEBA	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" } } } } }							
9.1.6.5 Voucher order See [VoucherWebReserve] method in the [Mimas integration] documentation for the source							
of these fields.							
9.1.6.5.1	ieias. Voucher order rei	auest					
	es Description	*					
							11
		ı					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" } } }

P	TOVIDELLEXIS, OLDEL-SUCC	ess-redirect-urr . /success	, order-raneu-redirect-urr .	laned, order-canceled-i	edifect-uii . /cancei } }
	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

9.1.6.5.2 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" } } }

9.1.6.6 Voucher order detail

9.1.6.6.1 Voucher order detail request

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

9.1.6.6.2 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" } } } } } } } }

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

9.1.6.7.1 Provider Text request

Variables Example **Description**



```
GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
9.1.6.7.2
                           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." } } ] }
9.1.6.8
                       Content
See [Content Service] for more information on the source of these fields.
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
9.1.6.8.2
                           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", } }
9.1.6.9
                       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" } }
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 } } }
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 {
"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 } } }
9.1.6.10
                     Cookies
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": "name": "ns_dev_id", "value": "name": "ns_dev_id", "value": "name": "nam
"attributes": { "name
"device_id" } } ] }
9.1.6.10.2 Cookies response
HTTP/1.1 200 OK
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.
9.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
9.1.6.11.2 Documentation response
Complete Response is omitted because of size, here is just a part:
HTTP/1.1 200 OK
"orderStatus", "orderTaxTotal", "notificationStatus", "notificationTarget", "notificationType", "orderFeeTotal", "orderPriceTotal" "orderStatus", "orderTaxTotal", "paymentMethod", "paymentProvider", "paymentStatus", "shortId", "voucherCode", "voucherCurrency" "voucherStatus", "voucherValue" ]}
                                                                                                                                                                                                                    "orderPriceTotal".
9.1.6.12 i18 internationalization
                 Retrieves i18next json based on requested language
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
```

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



10 UC3 Just testing

10.1 Edge Service

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

10.1.1 TODO

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

10.1.1.2 TODO version 1.0-next

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

10.1.2 Test environment and credentials

TODO

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

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.

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.

10.1.5 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.

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].

10.1.6.1 10.1.6.1.1	Login Login request					
Variables		Description	Ex	xample		
ICP_SHOI	P_ID	see [Test environments]	onment and			
ICP_SHOI	P_PASSPHRASE	see [Test environments]	onment and			
ICP_SHOI	P_DIGEST	Derived from \$ \${ICP_SHOP_PA		ZAwMDAwMTY6d0	G9wLXNIY3JldC1w	YXNzcGhyYXNl
10.1.6.1.2	Login response Created Content-Type: ap	•	P_SHOP_DIGEST} Accept: a _l	pplication/vnd.api+jso	n	
Name	Value	Domain Patl	n Expires	HttpOnly	Secure	
SESSION	MmQ5ZjkxOGIt	Miradued.goovlqFioil/Wji	L MDCKiS YmUw Sj?MsSi6aJ iZDY	Y5 true	false	
10.1.6.2 10.1.6.2.1	Logout Logout request					
Variables		Description	Ex	xample		
POST /api/rest/v1/auth/logout HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json 10.1.6.2.2 Logout response HTTP/1.1 204 No Content 10.1.6.3 Voucher list No Content 10.1.6.3 Voucher list No Content 10.1.6.3 Voucher list No Content 10.1.6.3.1 Voucher list request No Content No Auth Accept: application/vnd.api+json 10.1.6.3.1 Voucher list request No Auth Accept: application/vnd.api+json 10.1.6.3.2 Voucher list response No Auth Accept: application/vnd.api+json 10.1.6.3.2 Voucher list response No Content-Type: application/vnd.api+json No Co						
GET /api/rest. 10.1.6.4.2 HTTP/1.1 200 { "data": { "currency": "Ecode": !LEBA fee": !.99, "pwirecard.com 10.1.6.5 See [Vou of these f 10.1.6.5.1	Voucher detail responsible Voucher detail responsible Volk Content-Type: applicable Vill 1871. "f634f09f-9a06-45. "RA", "encode": "87174. "RA", "provider-name: "Loayment-methods": { "wirdlogo.png" }, "wirecard-paytoucher order voucher order cher WebReserve]	ITTP/1.1 Authorization: Nonse ation/vnd.api+json 1297-a326-0d703938b702 72242211", "encryption ebara", "short-name":"Al irecard-creditcard":{ "na aypal":{ "name":"PayPal' method in the [Maest	-type":0, "kind":0, "name": 1-in NL 10", "value":10.0, "p me":"Credit Card", "provide ', "provider-name":"Wirecard'	ttributes":{ "code" "Lebara All-in NL 10 price-total":11.99, "pri r-name":"Wirecard", " } } } }	ice-tax":0.00, "price- "image-url":"https://	
v allable	es Description E	,xampie			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" } } }

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

10.1.6.5.2 *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" } }

10.1.6.6 Voucher order detail

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

10.1.6.6.2 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" } } }

10.1.6.7 Provider Text

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

10.1.6.7.1 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
10.1.6.7.2 Provider Text response
[ "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." } } ] }
HTTP/1.1 201 Created Content-Type: application/vnd.api+json
10.1.6.8
               Content
See [Content Service] for more information on the source of these fields.
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
10.1.6.8.2 Content response
HTTP/1.1 200 OK Content-Type: application/json
["on: { "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", } }
10.1.6.9 Verification
See for more information on the source of these fields.
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" } }
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 } } }
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 {
"48f4dfef-9baa-4302-831f-e41df4ce4084", "type": "sms-verification-code", "attributes": { "phone-number": "+381691994655" } } }
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 } } }
10.1.6.10 Cookies
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": "1234" } }, { "type": "cookie", "id": "ns_dev_id", "attributes": { "name": "ns_dev_id", "value": "device_id" } } ] }
 10.1.6.10.2 Cookies response
HTTP/1.1 200 OK
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.
10.1.6.11.1 Documentation request
GET /api/rest/v1/vouchers?schema HTTP/1.1 Authorization: No Auth Accept: application/vnd.api+json
10.1.6.11.2 Documentation response
Complete Response is omitted because of size, here is just a part:
HTTP/1.1 200 OK
"orderStatus", "orderTaxTotal", "notificationStatus", "notificationTarget", "notificationType", "orderFeeTotal", "orderPriceTotal" "orderStatus", "orderTaxTotal", "paymentMethod", "paymentProvider", "paymentStatus", "shortId", "voucherCode", "voucherCurrency" "voucherStatus", "voucherValue" ]}
                                                                                                                                                  "orderPriceTotal".
10.1.6.12 i18 internationalization
             Retrieves i18next ison based on requested language
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
```



11 Backticks

11.1 Backticks MD file

this is single line of backticks

Tis is text which contains text under backticks

this is backticks this is regular text

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

11.1.1 Backtickts in heading

11.2 End of file

test



12 Backticks

12.1 Backticks MD file

this is single line of backticks

Tis is text which contains text under backticks

this is backticks this is regular text

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

12.1.1 Backtickts in heading

12.2 End of file

test



13 Backticks

13.1 Backticks MD file

this is single line of backticks

Tis is text which contains text under backticks

this is backticks this is regular text

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

13.1.1 Backtickts in heading

13.2 End of file

test



14 Just checking tables - heading 114.1 Tables are under heading 2

14.1 14.5105 410 4114						
field name	type	constrains		description	example	
id	UUID	globally un	ique	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 o	only supported	type of the notification target	"email"	
notification-target	string	n/a		target adress	"[me@my- email.com] (mailto:me@my- email.com)"	
order-success- redirect-url	string	valid URL		Where the wirecard should redirect if payment was successfull	protect	
order-failed-redirect- url	string	valid URL		Where the wirecard should redirect if payment fails	protect	
order-canceled- redirect-url	string	valid URL		Where the wirecard should redirect if payment was canceled	protect	
Table						
Option	Option Description					
data path to data files to supply the data that will be pas					a that will be passed	

T

into templates.

engine to be used for processing templates. Handlebars is the default. engine

extension to be used for dest files. ext

Table



15 test2

15.1 Markdown2-2markdo

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

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

15.1.1.1 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.

15.1.1.2 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.

15.1.1.3 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

15.1.2 Useful markdown links:

Link 1

1. This is link 1

Link 2

1. This is link 2

Link 3

1. This is link 3

<u>Link 4</u>

This is link 4 ordered under link 3



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

15.1.2.1.1 I'll put it here

LoGiC iS rEaL !!!

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

15.1.2.1.2 And also here

It's getting better

if (false == true) { // log some message }
15.1.2.1.3 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; }

15,2 Markdown2-2markdo

15.2.1 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:

15.2.1.1 Font buttons:

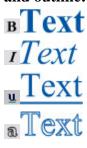
As well as the standard Font drop down box showing a list of all the fonts on your system and the **Point** size box that allows you to set the font size, two shortcut buttons have been added that allow you to increase the selected text or group of text objects at the press of a button:

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

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

15.2.1.2 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.

15.2.1.3 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 for

15.2.2 Useful markdown links:

Link 1

1. This is link 1



Link 2

1. This is link 2

<u>Link 3</u>

1. This is link 3

Link 4

This is link 4 ordered under link 3

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

15.2.2.1.1 I'll put it here

LoGiC iS rEaL !!!

|if(a == 0){ a = 0; } 15.2.2.1.2 And also here

It's getting better

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

15.2.2.1.3 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; }





Figure 1: Last Page