

Omno Payment API Documentation

Overview

The Omno Payment API provides a comprehensive solution for processing payments, featuring authentication, transaction creation, and webhook notifications.

Authentication

Endpoint

POST `https://sso.omno.com/realms/omno/protocol/openid-connect/token`

Authentication Request Parameters

Parameter	Type	Description	Required
<code>grant_type</code>	string	Must be <code>client_credentials</code>	✓
<code>client_id</code>	string	Your client identifier	✓
<code>client_secret</code>	string	Your client secret	✓

Transaction Creation API

Endpoint

POST `localhost:3000/create-transaction`

Request Headers

- `Content-Type`: `application/json`
- `Authorization`: `Bearer <token>`

Request Body Schema

Main Transaction Fields

Field	Type	Required	Description	Constraints
<code>amount</code>	number	✓	Transaction amount	-
<code>currency</code>	string	✓	Transaction currency	-
<code>lang</code>	string	✓	Language for communication	-
<code>hookUrl</code>	string	✓	URL where webhook will be sent	-
<code>callback</code>	string	✓	URL for successful payment redirect	-
<code>callbackFail</code>	string	✓	URL for failed payment redirect	-
<code>orderId</code>	string	✓	Unique order identifier	-
<code>saveCard</code>	boolean	-	Whether to save the card	-

Billing Information

Field	Type	Required	Description
<code>firstName</code>	string	✓	First name of cardholder

Field	Type	Required	Description
address1	string	✓	Billing address
city	string	✓	City of billing address
state	string	✓	State of billing address
country	string	✓	Country of billing address
postalCode	string	✓	Postal code of billing address
phone	string	✓	Phone number of cardholder
email	string	✓	Email address of cardholder

Card Details

Field	Type	Required	Description
cardNumber	string	✓	Card number
cardHolderName	string	✓	Name on the card
cardExpiryDate	string	✓	Expiry month (MM)
cardExpiryDate2	string	✓	Expiry year (YYYY)
cardCvv	string	✓	CVV of the card

Browser Information

Field	Type	Description
colorDepth	integer	Color depth of browser
userAgent	string	User agent string
language	string	Browser language
timeZone	string	Time zone
screenWidth	integer	Screen width
javaEnabled	boolean	Java enabled status
customerIp	string	Customer IP address
screenHeight	integer	Screen height
windowHeight	integer	Window height
timeZoneOffset	integer	Time zone offset
windowWidth	integer	Window width

Merchant Information

Field	Type	Required	Description	Constraints
name	string	✓	Merchant name in bank receipt	Max 22 characters

Field	Type	Required	Description	Constraints
merchantName	string	-	Merchant name in 3DS page	Max 22 characters
country	string	-	2-letter country code	2 characters
address1	string	-	Merchant address	-
administrativeArea	string	-	State or province	-
locality	string	-	City	-
postalCode	string	-	Postal code	-
url	string	-	Merchant website	-
customerServicePhoneNumber	string	-	Customer service phone	-
categoryCode	string	-	MCC code	-
noteToBuyer	string	-	Note to buyer	-

Response Codes

Code	Description	Response Body
200	Successful Transaction	{ success: true, message: string, data: object }
400	Bad Request	{ success: false, error: string }
500	Server Error	{ success: false, error: string }

Webhook Notification API

Endpoint

POST localhost:3000/webhook

Webhook Payload Fields

Field	Type	Description
id	string	Unique Transaction ID
status	string	Transaction Status
amount	number	Transaction Amount
currency	string	Transaction Currency
createdAt	string	Creation Timestamp
psp	string	Payment Service Provider
cardMask	string	Masked Card Number
cardholder	string	Cardholder Name
cardBrand	string	Card Brand
expirationDate	string	Card Expiration Date
3dsRedirectUrl	string	3DS Redirect URL

Field	Type	Description
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Webhook Response Codes

Code	Description	Response Body
200	Successful Webhook Processing	<code>{ success: true, message: string }</code>
500	Server Error	<code>{ success: false, error: string }</code>