

Aspra Public API

Version 2.0.0

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The Aspra public API for airtime, vouchers, gift cards, utility bills and cash-in. All money-moving endpoints require a UUID `Idempotency-Key` header. Authenticate with `Authorization: Bearer <client_id>.<secret>` issued from the CRM. Set `X-Aspra-Env: sandbox` to hit the mock provider. Rate limit: per-client (default 10 rps; configurable per client). Changelog: <https://api.aspra.io/v1/public/openapi.json> Sandbox: add header `X-Aspra-Env: sandbox` to any endpoint.

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Auth

Credential validation

POST /auth/token

Validate credentials and echo tenant + scopes

Sanity check that the bearer token is valid and returns the active scopes.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

Catalog

Billers, products, categories

GET /catalog

List active products available to the caller

Required scope: `txn:read`.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

GET /billers

List enabled billers

Filters: country (ISO2), categoryCode, q. Required scope: `txn:read`. Cached 60s. Each item includes a `logoUri` (nullable) suitable for display in the consumer UI.

Parameters:

- country (query): string
- categoryCode (query): string
- q (query): string
- cursor (query): string
- limit (query): integer

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

GET /categories

List biller categories

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

Recharge

Mobile airtime recharge (B2CTOP)

POST /recharge/quote

Quote a recharge (no money moves)

Required scope: `txn:read`.

Parameters:

- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "providerCode": "ipos",
  "prodCode": "B2CTOP",
  "accountNo": "971501234567",
  "amountMinor": "1000",
  "currency": "AED"
}
```

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /recharge/confirm

Confirm a recharge (money moves)

Required scope: `txn:write`. `Idempotency-Key` REQUIRED.

Parameters:

- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.

- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "providerCode": "ipos",
  "prodCode": "B2CTOP",
  "accountNo": "971501234567",
  "amountMinor": "1000",
  "currency": "AED"
}
```

Responses:

- 201: Created
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

Bill Payment

Utility bill payments (TAQA, FEWA, ELIFE, Du Postpaid, etc.)

POST /bill/inquire

Look up an outstanding utility bill

Required scope: `txn:read`. Maps to iPos pinless lookup.

Parameters:

- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "billerCode": "TAQA-WATER",
  "accountNumber": "0123456789"
}
```

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /bill/pay

Pay a utility bill

Required scope: `txn:write`. `Idempotency-Key` REQUIRED.

Parameters:

- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.

- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "billerCode": "TAQA-WATER",
  "accountNumber": "0123456789",
  "amountMinor": "12345",
  "currency": "AED"
}
```

Responses:

- 201: Created
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

Cash In

Wallet top-ups (Du Pay, Botim Money)

POST /cashin/quote

Quote a cash-in (Du Pay / Botim Money)

Required scope: `txn:read`.

Parameters:

- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /cashin/confirm

Confirm a cash-in

Required scope: `txn:write`. `Idempotency-Key` REQUIRED.

Parameters:

- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.

- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 201: Created
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

Gift Card

Gift / game card PIN issuance

POST /giftcard/issue

Issue a gift / game card PIN

Required scope: `txn:write`. `Idempotency-Key` REQUIRED.

Parameters:

- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 201: Created
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

Voucher

Generic voucher PIN issuance (B2CWSL)

POST /voucher/issue

Issue a voucher PIN (B2CWSL pinRequest)

Required scope: `txn:write`. `Idempotency-Key` REQUIRED.

Parameters:

- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 201: Created
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

Transactions

Read transactions, refunds

GET /transactions

List recent transactions for the caller

Required scope: `txn:read`.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

GET /transactions/{id}

Fetch a single transaction

Parameters:

- id (path, required): string

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /transactions/{id}/refund

Best-effort refund / reverse

Required scope: `txn:write`. iPos does not support reverse — returns `{status: "not_supported"}`.

Parameters:

- id (path, required): string

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

GET /balance

Tenant float balance

Required scope: `ledger:read`.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

Reconciliation

Per-client reconciliation summaries

GET /reconciliation

Per-client reconciliation summary (max 90 days)

Required scope: `txn:read`.

Parameters:

- dateFrom (query, required): string
- dateTo (query, required): string
- billerCode (query): string

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

Webhooks

Subscription CRUD + delivery audit

GET /webhooks/subscriptions

List webhook destinations

Required scope: `webhook:manage`.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /webhooks/subscriptions

Create a webhook destination (returns secret ONCE)

Required scope: `webhook:manage`.

Responses:

- 201: Created
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

PATCH /webhooks/subscriptions/{id}

Update a webhook destination

Required scope: `webhook:manage`.

Parameters:

- id (path, required): string

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

DELETE /webhooks/subscriptions/{id}

Delete a webhook destination

Required scope: `webhook:manage`.

Parameters:

- id (path, required): string

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

GET /webhooks/deliveries

List recent webhook deliveries

Required scope: `webhook:manage`.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /webhooks/test

Send a test webhook event

Required scope: `webhook:manage`.

Responses:

- 201: Created
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

Travel

Flights, hotels, and bookings via Travelopro. ****Beta — preview.**** Live calls return 501 until the Phase 2 adapter ships; sandbox (`X-Aspra-Env: sandbox``) returns canned offers and bookings.

POST /travel/flights/search

Search flights (beta)

Required scope: `txn:write``. ****Beta — preview.**** Live mode returns `501 not_implemented`` until the Travelopro adapter is wired in Phase 2. Sandbox (`X-Aspra-Env: sandbox``) returns canned offers.

Parameters:

- X-Aspra-Env (header): string — Set to `sandbox`` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "origin": "DXB",
  "destination": "BOM",
  "departDate": "2026-06-01",
  "returnDate": "2026-06-08",
  "adults": 1,
  "cabinClass": "economy",
  "currency": "USD"
}
```

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error
- 501: Not Implemented (live mode, Phase 1)

POST /travel/flights/book

Book a flight (beta)

Required scope: `txn:write``. `Idempotency-Key`` REQUIRED. ****Beta — preview.**** Live mode returns 501 until Phase 2.

Parameters:

- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.

- X-Aspra-Env (header): string — Set to `sandbox`` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "offerId": "sb_off_abc",
  "passengers": [
    {
      "type": "ADT",
      "title": "MR",
      "firstName": "Jane",
      "lastName": "Doe",
      "dob": "1990-01-15",
      "gender": "F"
    }
  ],
  "contact": {
    "email": "jane@example.com",
    "phone": "+971501234567"
  }
}
```

Responses:

- 201: Created
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

- 501: Not Implemented (live mode, Phase 1)

POST /travel/flights/price

Revalidate / price a flight fare (beta)

Required scope: `txn:write`. **Beta — preview.** Calls Travelopro `/revalidate`. Returns the priced itinerary. If the fare is no longer valid, returns 410 `fare_expired`.

Parameters:

- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "sessionId": "sess_TR_abc123",
  "fareSourceCode": "FSC_OUT_001",
  "fareSourceCodeInbound": "FSC_IN_001"
}
```

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 410: Fare expired
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /travel/flights/extras

Get ancillaries for a fare (beta)

Required scope: `txn:write`. **Beta — preview.** Returns categorized ancillaries: baggage, meals, and per-sector seat maps. Wraps Travelopro `/extra_services`.

Parameters:

- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "sessionId": "sess_TR_abc123",
  "fareSourceCode": "FSC_OUT_001"
}
```

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /travel/flights/fare-rules

Get fare rules text (beta)

Required scope: `txn:write`. **Beta — preview.** Wraps Travelopro `/fare_rules`. Returns baggage info plus a list of `{ airline, cityPair, category, text }`.

Parameters:

- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "sessionId": "sess_TR_abc123",
  "fareSourceCode": "FSC_OUT_001",
  "fareSourceCodeInbound": "FSC_IN_001"
}
```

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found

- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /travel/flights/book/{pnr}/ticket

Issue an e-ticket for a confirmed booking (beta)

Required scope: `txn:write`. `Idempotency-Key` REQUIRED. ****Beta — preview.**** Wraps Travelpro `/ticket_order`. Body: `{ uniqueId }` (returned by `/book`).

Parameters:

- pnr (path, required): string
- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "uniqueId": "UID_42_99"
}
```

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /travel/hotels/search

Search hotels (beta)

Required scope: `txn:write`. ****Beta — preview.**** Live mode returns 501 until Phase 2.

Parameters:

- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "cityCode": "DXB",
  "checkIn": "2026-06-01",
  "checkOut": "2026-06-04",
  "rooms": [
    {
      "adults": 2
    }
  ],
  "currency": "USD"
}
```

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error
- 501: Not Implemented (live mode, Phase 1)

POST /travel/hotels/book

Book a hotel (beta)

Required scope: `txn:write`. `Idempotency-Key` REQUIRED. ****Beta — preview.**** Live mode returns 501 until Phase 2.

Parameters:

- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "offerId": "sb_hot_abc",
  "rooms": [
    {
      "leadGuest": {
        "type": "ADT",
        "firstName": "Jane",
        "lastName": "Doe",
        "dob": "1990-01-15"
      }
    }
  ],
  "contact": {
    "email": "jane@example.com",
    "phone": "+971501234567"
  }
}
```

Responses:

- 201: Created
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error
- 501: Not Implemented (live mode, Phase 1)

GET /travel/bookings/{id}

Look up a travel booking (beta)

Required scope: `txn:write`. ****Beta — preview.**** Live mode returns 501 until Phase 2.

Parameters:

- id (path, required): string
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error
- 501: Not Implemented (live mode, Phase 1)

POST /travel/bookings/{id}/cancel

Cancel a travel booking (beta)

Required scope: `txn:write`. **Idempotency-Key** REQUIRED. ****Beta — preview.**** Live mode returns 501 until Phase 2.

Parameters:

- id (path, required): string
- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error
- 501: Not Implemented (live mode, Phase 1)

GET /travel/flights/{pnr}

Trip details for a confirmed booking

Required scope: `txn:read`. Wraps Travelopro `/trip_details`. PNR ownership enforced — caller must own the booking.

Parameters:

- pnr (path, required): string — Travelopro UniqueID returned at /book
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /travel/flights/{pnr}/cancel

Cancel a flight booking and refund the wallet

Required scope: `txn:write`. `Idempotency-Key` REQUIRED. Wraps Travelopro `/cancel`. On success refunds full `client_charge_minor` to the kapi wallet.

Parameters:

- pnr (path, required): string
- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /travel/flights/{pnr}/notes

Add a booking note

Required scope: `txn:write`. Wraps Travelopro `/booking_notes`. No money movement.

Parameters:

- pnr (path, required): string
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "note": "Customer requested a meal upgrade."
}
```

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /travel/flights/{pnr}/void/quote

Void quote (no money movement)

Required scope: `txn:write`. Wraps Travelopro `/void_ticket_quote`.

Parameters:

- pnr (path, required): string
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Example request:

```
{
  "paxDetails": [
    {
      "type": "ADT",
      "firstName": "John",
      "lastName": "Doe",
      "eTicket": "176-1234567890"
    }
  ]
}
```

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /travel/flights/{pnr}/void/execute

Void a ticket and refund TotalRefundAmount to wallet

Required scope: `txn:write`. `Idempotency-Key` REQUIRED. Wraps Travelpro `/void_ticket`.

Parameters:

- pnr (path, required): string
- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /travel/flights/{pnr}/refund/quote

Refund quote (no money movement)

Required scope: `txn:write`. Wraps Travelpro `/refund_quote`.

Parameters:

- pnr (path, required): string
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /travel/flights/{pnr}/refund/execute

Refund a ticket and credit wallet

Required scope: `txn:write`. `Idempotency-Key` REQUIRED. Tries Travelpro `/refund` first; falls back to `/refund_ticket` on 404. Refund amount per provider quote (proportional — markup retained).

Parameters:

- pnr (path, required): string

- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /travel/flights/{pnr}/reissue/quote

Reissue quote

Required scope: `txn:write`. Wraps Travelopro `/reissue_ticket_quote`.

Parameters:

- pnr (path, required): string
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

POST /travel/flights/{pnr}/reissue/execute

Reissue a ticket and debit wallet for fare difference

Required scope: `txn:write`. `Idempotency-Key` REQUIRED. Wraps Travelopro `/reissue_ticket`. Debits fare difference + new markup from the wallet.

Parameters:

- pnr (path, required): string
- Idempotency-Key (header, required): string — Caller-generated UUID. Required on every mutating call. Replays return the same body.
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

GET /travel/flights/{pnr}/ptr/{ptrId}

PTR (post-ticket request) status

Required scope: `txn:read`. Wraps Travelopro `/search_post_ticket_status`.

Parameters:

- pnr (path, required): string
- ptrId (path, required): string
- X-Aspra-Env (header): string — Set to `sandbox` to route to the mock provider — no ledger writes, canned success responses.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing

- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

GET /travel/airports

Cached airport list

Required scope: `txn:read`. Read from `travelopro_airports` cache. Refetches automatically if cache is empty or older than 30 days. Edge cache: `s-maxage=86400`.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error

GET /travel/airlines

Cached airline list

Required scope: `txn:read`. Read from `travelopro_airlines` cache. Refetches automatically if cache is empty or older than 30 days. Edge cache: `s-maxage=86400`.

Responses:

- 200: OK
- 400: Bad request
- 401: Unauthorized
- 403: Forbidden / scope missing
- 404: Not found
- 409: Conflict
- 422: Validation error
- 429: Rate limited
- 500: Internal error