NextGate PONA Auth — EndPoint Doc (ACTIVE)

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Base URL: `https://your-api-domain.com/api/v1`

For more details on the full flow design: PONA Auth v3 Design Doc

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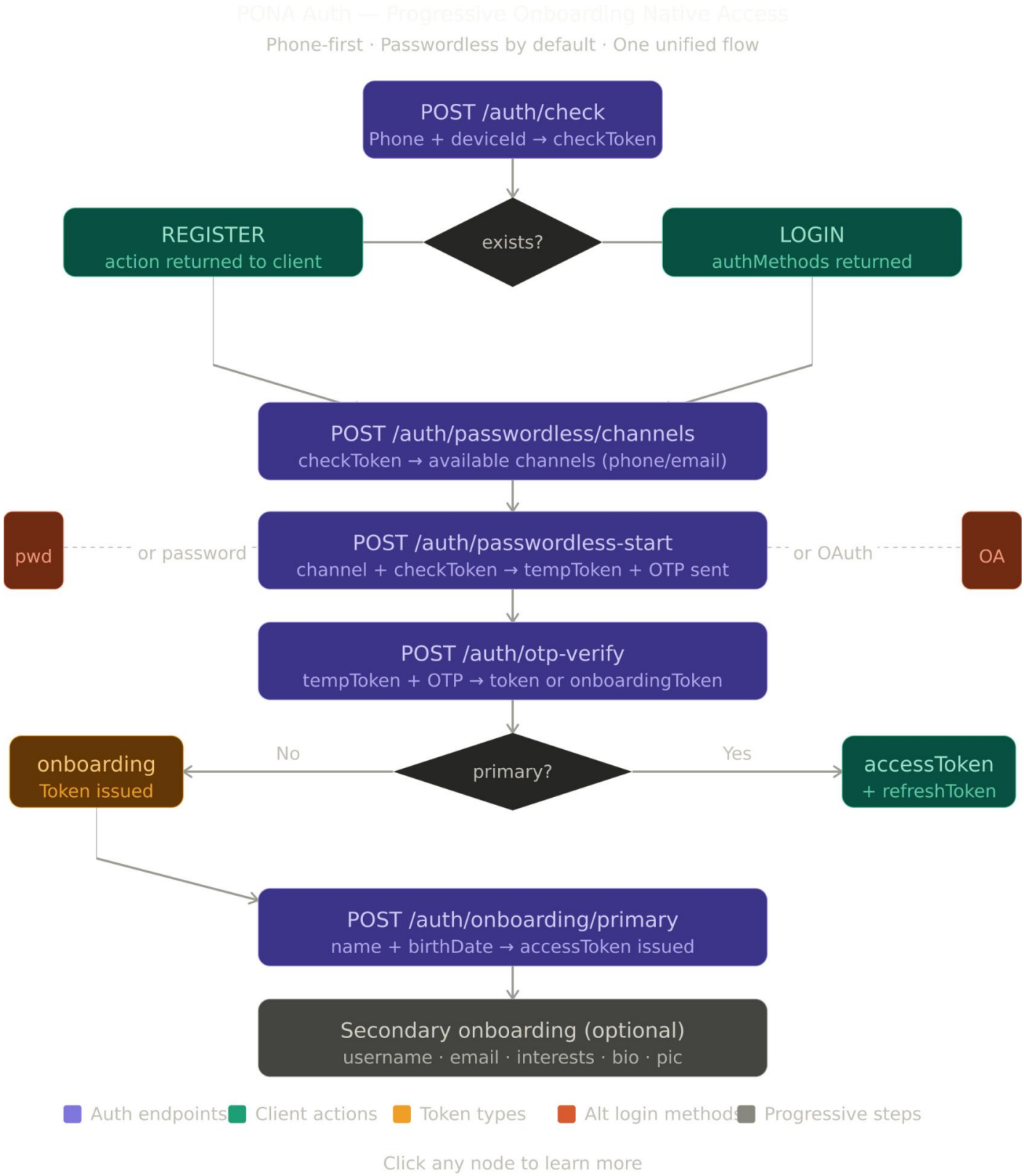
What is PONA Auth?

Progressive · **O**nboarding · **N**ative · **A**ccess

PONA Auth is NextGate's unified, phone-first authentication system. It replaces all legacy auth flows with a single coherent pipeline. Core philosophy:

- **Phone is the primary identifier** — always. Every account starts with a verified phone number. No exceptions.
- **Passwordless by default** — users authenticate via OTP. Password and OAuth are optional enhancements added post-registration.
- **Progressive onboarding** — only the bare minimum is collected upfront (phone + name + birthdate). Everything else (username, email, bio, interests, profile pic) is collected lazily when the feature needs it.
- **One flow, two outcomes** — the same endpoints serve both new and returning users. The server decides what happens based on account state.



Token types at a glance

Token	Expiry	Purpose

`checkToken`	10 min	Proves a phone check was made. Single-use.
`tempToken`	15 min	Carries the OTP session. Single-use after verify.
`onboardingToken`	1 hour	Issued after OTP verify for new users. Unlocks primary onboarding.
`accessToken`	1 hour	Standard bearer token. Attached to every protected request.
`refreshToken`	30 days	Rotates on use. Used to get a new accessToken silently.

Secure storage — frontend requirements

> Store tokens incorrectly and the whole auth system is compromised.

Token	Where to store	Why
`accessToken`	In-memory only (React state, Zustand, etc.)	Never localStorage — XSS can steal it
`refreshToken`	HttpOnly cookie (web) / Secure Keychain (mobile)	Never localStorage or AsyncStorage directly
`onboardingToken`	In-memory only	Short-lived, no need to persist
`checkToken`	In-memory only	Single-use, discard after consuming
`tempToken`	In-memory only	Single-use, discard after OTP verify

Standard Response Format

Success response

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Human-readable message",
  "action": "ACTION_CODE",
  "action_time": "2026-04-03T10:30:45",
  "data": {}
```

```
}
```

Error response

```
{
  "success": false,
  "httpStatus": "BAD_REQUEST",
  "message": "Error description",
  "action_time": "2026-04-03T10:30:45",
  "data": "Error description"
}
```

Action codes

Code	Meaning	Next step
`REGISTER`	Phone not found — new user	Show registration UI, proceed to channels
`LOGIN`	Phone found — existing user	Show login UI, proceed to channels
`CONTINUE_ONBOARDING`	Phone found but primary incomplete	Proceed to channels → onboarding
`PROCEED_TO_OTP`	Only one channel available	Skip channel picker, send OTP automatically
`SELECT_CHANNEL`	Multiple channels available	Show channel picker to user
`COLLECT_PRIMARY`	OTP verified, primary data needed	Show name + birthdate form
`ACCOUNT_BLOCKED`	User is underage or blocked	Show blocked message with unblock date
`VERIFY_DEVICE`	Unknown device on password login	Show device OTP verification

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OTP Channels

OTP can be delivered via the following channels. Not all channels are available in every situation — the server enforces the rules.

Available channel values

Value	Description	User selectable
`SMS`	OTP delivered via SMS	□

Value	Description	User selectable
`WHATSAPP`	OTP delivered via WhatsApp	□
`SMS_AND_WHATSAPP`	OTP sent to both SMS and WhatsApp simultaneously	□
`EMAIL`	OTP delivered via email	□

> `SMS_AND_WHATSAPP` fires both sends in parallel on the server. The user gets the OTP on both channels at the same time. If one channel fails, the other still delivers.

> `EMAIL_AND_WHATSAPP`, `EMAIL_AND_SMS`, `ALL_CHANNELS` are internal server-side values. Never send these from the client — they will be rejected.

Channel rules by purpose

Channel	New user (registration)	Existing user (login)
`SMS`	□	□
`WHATSAPP`	□	□
`SMS_AND_WHATSAPP`	□	□
`EMAIL`	□ not allowed	□ only if account has a verified email

Channel request examples

Send via SMS only:

```
{ "channel": "SMS" }
```

Send via WhatsApp only:

```
{ "channel": "WHATSAPP" }
```

Send via both SMS and WhatsApp at the same time:

```
{ "channel": "SMS_AND_WHATSAPP" }
```

Send via email (login only, verified email required):

```
{ "channel": "EMAIL" }
```

Shared Objects

UserInfo

Returned by `/auth/verify-otp` and `/auth/onboarding/primary` once the user is identified. Frontend devs should persist this in local storage for display use (profile header, greetings, etc.).

```
{
  "displayName": "Joshua Sakweli",
  "phone": "+255745051250",
  "maskedPhone": "••• ••• ••50",
  "avatarUrl": "https://cdn.example.com/avatars/uuid.jpg"
}
```

Field	Type	Description
`displayName`	string | null	First + last name. Null until primary onboarding is complete.
`phone`	string	Full unmasked phone in international format. Always present. Safe to store — it is the user's own number, just verified via OTP.
`maskedPhone`	string	Masked phone for visible UI display (e.g. "••• ••• ••50"). Always present.
`avatarUrl`	string | null	URL of the user's profile picture. Null until a profile picture is uploaded.

> **Storage guidance**: `phone`, `maskedPhone`, `displayName`, and `avatarUrl` are display data — localStorage is fine. Do not store tokens in localStorage.

HTTP Method Badges

- **GET** — Read only
- **POST** — Create / action
- **DELETE** — Remove

Endpoints

1. Check Phone

Purpose: Entry point for every auth flow. Checks if a phone number is registered and returns a `checkToken` plus available auth methods.

Endpoint: `POST` `{base_url}/auth/check`

Access Level: □□ Public

Authentication: None

Request:

```
{
  "identifier": "+255745051250",
  "deviceId": "android-uuid-abc123"
}
```

Request Parameters:

Parameter	Type	Required	Description	Validation
`identifier`	string	Yes	Phone number in international format	Must match `^\+[1-9]\d{6,14}$`
`deviceId`	string	Yes	Unique device identifier from the client	Non-empty

Response — New User:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Phone number not registered",
  "action": "REGISTER",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "exists": false,
```

```
    "checkToken": "eyJhbGciOiJIUzI1NiJ9...",
    "primaryComplete": false,
    "maskedPhone": null,
    "authMethods": null
  }
}
```

Response — Existing User:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Welcome back",
  "action": "LOGIN",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "exists": true,
    "checkToken": "eyJhbGciOiJIUzI1NiJ9...",
    "primaryComplete": true,
    "maskedPhone": "••• ••• ••50",
    "authMethods": {
      "passwordless": true,
      "password": false,
      "google": true,
      "apple": false
    }
  }
}
```

Response — Existing User, Primary Incomplete:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Continue setting up your account",
  "action": "CONTINUE_ONBOARDING",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "exists": true,
    "checkToken": "eyJhbGciOiJIUzI1NiJ9...",
```

```
    "primaryComplete": false,
    "maskedPhone": "••• ••• ••50",
    "authMethods": {
      "passwordless": true,
      "password": false,
      "google": false,
      "apple": false
    }
  }
}
```

Response Fields:

Field	Description
`exists`	Whether the phone is registered
`checkToken`	Short-lived token to proceed. Always present.
`primaryComplete`	Whether the user has completed name + birthdate setup
`maskedPhone`	Masked phone for display. Null for new users.
`authMethods.passwordless`	Always true
`authMethods.password`	True if user has set a password
`authMethods.google`	True if Google is linked
`authMethods.apple`	True if Apple is linked

Frontend handling:

```
action = REGISTER
  → store checkToken in memory
  → do NOT show password field
  → do NOT show Google/Apple buttons
  → proceed to channel picker

action = LOGIN
  → store checkToken in memory
  → show Google button ONLY if authMethods.google = true
  → show Password button ONLY if authMethods.password = true
  → always show OTP button
  → proceed to channel picker

action = CONTINUE_ONBOARDING
```

```
  → same as LOGIN
  → user will be redirected to primary onboarding after OTP verify
```

Errors:

- `422 UNPROCESSABLE_ENTITY` — invalid phone format or missing deviceId

---

2. Get Passwordless Channels

Purpose: Returns the available OTP delivery channels for the user. Always returns SMS and WHATSAPP. EMAIL is returned only if the user has a verified email.

Endpoint: **POST** `{base_url}/auth/passwordless/channels`

Access Level: ◫ Public

Authentication: None

> This endpoint does NOT consume the checkToken.

Request:

```
{
  "checkToken": "eyJhbGciOiJIUzI1NiJ9...",
  "deviceId": "android-uuid-abc123"
}
```

Request Parameters:

Parameter	Type	Required	Description
`checkToken`	string	Yes	Token from `/auth/check`
`deviceId`	string	Yes	Must match the deviceId used in `/auth/check`

Response — Phone only:

```
{
  "success": true,
  "httpStatus": "OK",
```

```
  "message": "Choose where to receive your code",
  "action": "SELECT_CHANNEL",
  "action_time": "2026-04-16T10:30:45",
  "data": {
    "channels": [
      { "channel": "SMS",      "masked": "••• ••• ••50", "isPrimary": true  },
      { "channel": "WHATSAPP", "masked": "••• ••• ••50", "isPrimary": false }
    ]
  }
}
```

Response — Phone + verified email:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Choose where to receive your code",
  "action": "SELECT_CHANNEL",
  "action_time": "2026-04-16T10:30:45",
  "data": {
    "channels": [
      { "channel": "SMS",      "masked": "••• ••• ••50",      "isPrimary": true  },
      { "channel": "WHATSAPP", "masked": "••• ••• ••50",      "isPrimary": false },
      { "channel": "EMAIL",    "masked": "j••••••@g••••.com", "isPrimary": false }
    ]
  }
}
```

> This endpoint returns individual primitive channels only (`SMS`, `WHATSAPP`, `EMAIL`). The `SMS_AND_WHATSAPP` compound value is not returned here — the frontend constructs it when the user wants both.

Frontend handling:

```
Always show at least SMS and WHATSAPP.
If EMAIL is present, show it too.

Suggested UI:
  SMS       → "Text message to ••• ••• ••50"
```

```
  WHATSAPP  → "WhatsApp to ••• ••• ••50"
  EMAIL     → "Email to j••••••@g••••.com"

You can also show a "Send to both SMS and WhatsApp" option —
send SMS_AND_WHATSAPP as the channel value in /auth/passwordless-start.

User taps their choice, then call /auth/passwordless-start with that channel value.
```

Errors:

- `403 FORBIDDEN` — invalid, expired, or already-used checkToken
- `403 FORBIDDEN` — deviceId mismatch

---

3. Start Passwordless OTP

Purpose: Sends an OTP to the chosen channel and returns a `tempToken` for the verify step. Consumes the `checkToken`.

Endpoint: **POST** `{base_url}/auth/passwordless-start`

Access Level: Public

Authentication: None

Request — SMS only:

```
{
  "checkToken": "eyJhbGciOiJIUzI1NiJ9...",
  "channel": "SMS",
  "deviceId": "android-uuid-abc123"
}
```

Request — WhatsApp only:

```
{
  "checkToken": "eyJhbGciOiJIUzI1NiJ9...",
  "channel": "WHATSAPP",
  "deviceId": "android-uuid-abc123"
}
```

Request — Both SMS and WhatsApp simultaneously:

```
{
  "checkToken": "eyJhbGciOiJIUzI1NiJ9...",
  "channel": "SMS_AND_WHATSAPP",
  "deviceId": "android-uuid-abc123"
}
```

Request — Email (login only, verified email required):

```
{
  "checkToken": "eyJhbGciOiJIUzI1NiJ9...",
  "channel": "EMAIL",
  "deviceId": "android-uuid-abc123"
}
```

Request Parameters:

Parameter	Type	Required	Description	Validation
`checkToken`	string	Yes	Token from `/auth/check`	Non-empty
`channel`	enum	Yes	Where to send OTP	`SMS`, `WHATSAPP`, `SMS_AND_WHATSAPP`, `EMAIL`
`deviceId`	string	Yes	Must match deviceId from `/auth/check`	Non-empty

Channel rules:

Channel	New user (registration)	Existing user (login)
`SMS`	✅	✅
`WHATSAPP`	✅	✅
`SMS_AND_WHATSAPP`	✅	✅
`EMAIL`	❌	✅ only if verified email exists

Response:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Verification code sent",
  "action_time": "2026-04-16T10:30:45",
  "data": {
```

```
    "tempToken": "eyJhbGciOiJIUzI1NiJ9...",
    "maskedDestination": "••• ••• ••50",
    "channel": "SMS_AND_WHATSAPP",
    "expiresInSeconds": 120,
    "resendAvailableAfterSeconds": 60
  }
}
```

Response Fields:

Field	Description
`tempToken`	Carry this to `/auth/verify-otp`. Store in memory only.
`maskedDestination`	Show to the user so they know where OTP was sent
`channel`	The channel used — display appropriate message
`expiresInSeconds`	OTP valid for this many seconds
`resendAvailableAfterSeconds`	Wait this long before enabling resend

Frontend handling:

```
On success:
  → store tempToken in memory
  → show OTP input screen
  → display message based on channel:
      SMS              → "Code sent to ••• ••• ••50 via SMS"
      WHATSAPP         → "Code sent to ••• ••• ••50 via WhatsApp"
      SMS_AND_WHATSAPP → "Code sent to ••• ••• ••50 via SMS and WhatsApp"
      EMAIL            → "Code sent to j••••••@g••••.com"
  → start countdown timer using resendAvailableAfterSeconds
  → enable resend button when timer hits 0

On resend:
  → channel is locked to the original choice
  → resend always goes to the same channel(s)
  → to switch channel, go back to the channel picker and restart the flow
```

Errors:

- `403 FORBIDDEN` — checkToken invalid, expired, or already consumed
- `400 BAD_REQUEST` — EMAIL chosen but account has no verified email
- `400 BAD_REQUEST` — EMAIL chosen for registration
- `400 BAD_REQUEST` — non-user-selectable channel sent (e.g. ALL_CHANNELS)

- `422 UNPROCESSABLE_ENTITY` — invalid channel value

---

4. Verify OTP

Purpose: Validates the OTP and returns either an `accessToken` (returning user, primary complete) or an `onboardingToken` (new or incomplete user).

Endpoint: **POST** `{base_url}/auth/verify-otp`

Access Level: □□ Public

Authentication: None

Request:

```
{
  "tempToken": "eyJhbGciOiJIUzI1NiJ9...",
  "otp": "482910",
  "deviceName": "Josh's Pixel 4a",
  "platform": "ANDROID"
}
```

Request Parameters:

Parameter	Type	Required	Description	Validation
`tempToken`	string	Yes	Token from `/auth/passwordless-start`	Non-empty
`otp`	string	Yes	6-digit code	Exactly 6 numeric digits
`deviceName`	string	No	Human-readable device name	Optional
`platform`	string	No	Client platform	`ANDROID`, `IOS`, `WEB`

Response — Primary Complete:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Welcome back",
  "action": null,
```

```
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "accessToken": "eyJhbGciOiJIUzI1NiJ9...",
    "refreshToken": "eyJhbGciOiJIUzI1NiJ9...",
    "onboardingToken": null,
    "primaryComplete": true,
    "onboarding": {
      "primaryComplete": true,
      "username": true,
      "email": false,
      "profilePic": false,
      "interests": false,
      "bio": false
    },
    "user": {
      "displayName": "Joshua Sakweli",
      "phone": "+255745051250",
      "maskedPhone": "••• ••• ••50",
      "avatarUrl": null
    }
  }
}
```


Response — Primary Incomplete:


```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Phone verified. Let us set up your account.",
  "action": "COLLECT_PRIMARY",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "accessToken": null,
    "refreshToken": null,
    "onboardingToken": "eyJhbGciOiJIUzI1NiJ9...",
    "primaryComplete": false,
    "onboarding": {
      "primaryComplete": false,
      "username": false,
      "email": false,
```

```
      "profilePic": false,
      "interests": false,
      "bio": false
    },
    "user": {
      "displayName": null,
      "phone": "+255745051250",
      "maskedPhone": "••• ••• ••50",
      "avatarUrl": null
    }
  }
}
```

Frontend handling:

```
primaryComplete = true:
  → store accessToken in memory
  → store refreshToken in HttpOnly cookie (web) or Keychain (mobile)
  → discard tempToken
  → navigate to home
  → check onboarding flags for secondary prompts

primaryComplete = false:
  → store onboardingToken in memory
  → discard tempToken
  → navigate to primary onboarding screen
```

Errors:

- `403 FORBIDDEN` — wrong OTP
- `403 FORBIDDEN` — OTP expired
- `403 FORBIDDEN` — max attempts exceeded (3 wrong OTPs)
- `403 FORBIDDEN` — tempToken already used

---

5. Resend OTP

Purpose: Resends the OTP to the same channel and destination as the original send. Channel cannot be changed on resend. Rate limited to 5 attempts per session with a 60-second cooldown.

Endpoint: **POST** `{base_url}/auth/resend-otp`

Access Level: □□ Public

Authentication: None

Request:

```
{
  "tempToken": "eyJhbGciOiJIUzI1NiJ9..."
}
```

Response:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "OTP resent successfully",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "tempToken": "eyJhbGciOiJIUzI1NiJ9...",
    "maskedIdentifier": "••• ••• ••50",
    "remainingAttempts": 4,
    "expiresIn": 900
  }
}
```

Frontend handling:

```
On success:
  → replace tempToken in memory with the new one from response
  → show "Code resent" confirmation
  → reset the countdown timer to resendAvailableAfterSeconds
  → disable resend button again

On 400 — cooldown active:
  → show "Please wait X seconds"
  → do not clear the OTP input

On 400 — max attempts:
  → show "Too many attempts. Please start over."
  → clear tempToken from memory
  → navigate back to channel picker
```

```
Channel switching:
  → NOT possible via resend
  → user must go back to channel picker and call /auth/passwordless-start again
```

Errors:

- `400 BAD_REQUEST` — cooldown period not yet elapsed
- `400 BAD_REQUEST` — max resend attempts (5) reached
- `400 BAD_REQUEST` — tempToken expired or invalid

---

6. Primary Onboarding

Purpose: Collects name and date of birth. Completes primary onboarding and issues the first `accessToken`.

Endpoint: **POST** `{base_url}/auth/onboarding/primary`

Access Level: □□ Public

Authentication: None (uses `onboardingToken` in body)

Request:

```
{
  "onboardingToken": "eyJhbGciOiJIUzI1NiJ9...",
  "firstName": "Joshua",
  "lastName": "Sakweli",
  "birthDate": "1995-06-15"
}
```

Request Parameters:

Parameter	Type	Required	Description	Validation
`onboardingToken`	string	Yes	Token from `/auth/verify-otp`	Non-empty
`firstName`	string	Yes	User's first name	1–50 characters
`lastName`	string	Yes	User's last name	1–50 characters
`birthDate`	string	Yes	Date of birth	`YYYY-MM-DD`, must be in the past

Response — Normal User:


```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Welcome to NextGate!",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "accessToken": "eyJhbGciOiJIUzI1NiJ9...",
    "refreshToken": "eyJhbGciOiJIUzI1NiJ9...",
    "accountTier": "FULL",
    "onboarding": {
      "primaryComplete": true,
      "username": false,
      "email": false,
      "profilePic": false,
      "interests": false,
      "bio": false
    },
    "blocked": false,
    "unblockDate": null,
    "user": {
      "displayName": "Joshua Sakweli",
      "phone": "+255745051250",
      "maskedPhone": "••• ••• ••50",
      "avatarUrl": null
    }
  }
}
```


Response — Underage User:


```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Account blocked",
  "action": "ACCOUNT_BLOCKED",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "accessToken": null,
```

```
    "refreshToken": null,
    "accountTier": null,
    "onboarding": null,
    "blocked": true,
    "unblockDate": "2026-09-15"
  }
}
```

Response Fields:

Field	Description
`accessToken`	Bearer token. Store in memory. Null if blocked.
`refreshToken`	Rotation token. Store securely. Null if blocked.
`accountTier`	`FULL` (18+), `RESTRICTED` (13–17), `MINOR` (under 13 — blocked)
`blocked`	True if user is underage
`unblockDate`	Date when user turns 13. Show to user.

Frontend handling:

```
blocked = false:
  → store accessToken in memory
  → store refreshToken securely
  → discard onboardingToken
  → navigate to home
  → check onboarding flags for secondary prompts

blocked = true:
  → do NOT store any tokens
  → show age restriction screen with unblockDate
  → do NOT allow navigation into the app

accountTier = RESTRICTED:
  → user is 13–17
  → restrict features per your tier config
```

Errors:

- `403 FORBIDDEN` — onboardingToken invalid or expired
- `403 FORBIDDEN` — primary onboarding already completed
- `422 UNPROCESSABLE_ENTITY` — validation errors on name or birthDate

7. Password Login

Purpose: Authenticates a user with phone + password. May require device verification if the device is unknown or risk is high.

Endpoint: `POST` `{base_url}/auth/login/password`

Access Level: Public

Authentication: None

Request:

```
{
  "checkToken": "eyJhbGciOiJIUzI1NiJ9...",
  "password": "MySecurePassword123",
  "deviceId": "android-uuid-abc123",
  "deviceName": "Josh's Pixel 4a",
  "platform": "ANDROID"
}
```

Request Parameters:

Parameter	Type	Required	Description	Validation
`checkToken`	string	Yes	Token from `/auth/check`	Non-empty
`password`	string	Yes	User's password	Non-empty
`deviceId`	string	Yes	Device identifier	Non-empty
`deviceName`	string	No	Human-readable device name	Optional
`platform`	string	No	Client platform	`ANDROID`, `IOS`, `WEB`

Response — Known Device:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Login successful",
  "action_time": "2026-04-03T10:30:45",
  "data": {
```

```
    "accessToken": "eyJhbGciOiJIUzI1NiJ9...",
    "refreshToken": "eyJhbGciOiJIUzI1NiJ9...",
    "onboarding": {
      "primaryComplete": true,
      "username": true,
      "email": false,
      "profilePic": false,
      "interests": true,
      "bio": false
    },
    "requiresDeviceVerification": false,
    "deviceVerificationToken": null,
    "maskedDestination": null
  }
}
```

Response — Unknown / High Risk Device:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Device verification required",
  "action": "VERIFY_DEVICE",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "accessToken": null,
    "refreshToken": null,
    "requiresDeviceVerification": true,
    "deviceVerificationToken": "eyJhbGciOiJIUzI1NiJ9...",
    "maskedDestination": "••• ••• ••50"
  }
}
```

Frontend handling:

```
requiresDeviceVerification = false:
  → store accessToken in memory
  → store refreshToken securely
  → navigate to home
```

```
requiresDeviceVerification = true:
  → store deviceVerificationToken in memory
  → show OTP input with maskedDestination
  → call POST /api/v1/account/device/verify with the OTP
  → on success you get accessToken + refreshToken
```

Errors:

- `403 FORBIDDEN` — wrong password
- `403 FORBIDDEN` — checkToken invalid or expired
- `403 FORBIDDEN` — too many failed attempts
- `403 FORBIDDEN` — password not set on this account

---

8. OAuth Login

Purpose: Authenticates a user via Google or Apple. Only available if the provider was previously linked to the account.

Endpoint: **POST** `{base_url}/auth/login/oauth`

Access Level: □□ Public

Authentication: None

Request:

```
{
  "checkToken": "eyJhbGciOiJIUzI1NiJ9...",
  "provider": "GOOGLE",
  "idToken": "google-id-token-from-client-sdk",
  "deviceId": "android-uuid-abc123",
  "deviceName": "Josh's Pixel 4a",
  "platform": "ANDROID",
  "state": "optional-state-string"
}
```

Request Parameters:

Parameter	Type	Required	Description	Validation
`checkToken`	string	Yes	Token from `/auth/check`	Non-empty

Parameter	Type	Required	Description	Validation
`provider`	string	Yes	OAuth provider	`GOOGLE`, `APPLE`
`idToken`	string	Yes	ID token from Google/Apple client SDK	Non-empty
`deviceId`	string	Yes	Device identifier	Non-empty
`deviceName`	string	No	Human-readable device name	Optional
`platform`	string	No	Client platform	`ANDROID`, `IOS`, `WEB`
`state`	string	No	Opaque state value passed back in response	Optional

Response:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Login successful",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "accessToken": "eyJhbGciOiJIUzI1NiJ9...",
    "refreshToken": "eyJhbGciOiJIUzI1NiJ9...",
    "onboarding": {
      "primaryComplete": true,
      "username": true,
      "email": true,
      "profilePic": false,
      "interests": true,
      "bio": false
    },
    "state": "optional-state-string"
  }
}
```

Frontend handling:

```
Before calling this endpoint:
  → check authMethods.google from /auth/check response
  → ONLY show Google button if google = true
  → ONLY show Apple button if apple = true
```

```
On success:
  → store accessToken in memory
  → store refreshToken securely
  → navigate to home
```

Errors:

- `403 FORBIDDEN` — provider not linked (`OAUTH_NOT_LINKED`)
- `403 FORBIDDEN` — idToken invalid or expired
- `403 FORBIDDEN` — idToken email does not match linked provider
- `403 FORBIDDEN` — checkToken invalid or expired

---

9. Forgot Password — Initiate

Purpose: Starts the forgot password flow. Sends an OTP to the user's phone via SMS. Does NOT consume the checkToken.

Endpoint: `POST` `{base_url}/auth/password/forgot/initiate`

Access Level: □□ Public

Authentication: None

Request:

```
{
  "checkToken": "eyJhbGciOiJIUzI1NiJ9...",
  "deviceId": "android-uuid-abc123"
}
```

Response:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Password reset code sent to your phone",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "tempToken": "eyJhbGciOiJIUzI1NiJ9...",
    "resetToken": null,
```

```
    "maskedPhone": "••• ••• ••50",
    "accessToken": null,
    "expiresInSeconds": 120
  }
}
```

Frontend handling:

```
→ store tempToken in memory
→ show OTP input screen
→ display maskedPhone
→ proceed to /auth/password/forgot/verify-otp
```

Errors:

- `403 FORBIDDEN` — checkToken invalid or expired
- `403 FORBIDDEN` — account has no password set
- `404 NOT_FOUND` — account not found

---

10. Forgot Password — Verify OTP

Purpose: Verifies the OTP and issues a short-lived `resetToken`.

Endpoint: **POST** `{base_url}/auth/password/forgot/verify-otp`

Access Level: □□ Public

Authentication: None

Request:

```
{
  "tempToken": "eyJhbGciOiJIUzI1NiJ9...",
  "otp": "482910"
}
```

Response:

```
{
  "success": true,
  "httpStatus": "OK",
```

```
  "message": "Identity confirmed. Set your new password.",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "tempToken": null,
    "resetToken": "eyJhbGciOiJIUzI1NiJ9...",
    "maskedPhone": null,
    "accessToken": null,
    "expiresInSeconds": 0
  }
}
```

Frontend handling:

```
→ discard tempToken from memory
→ store resetToken in memory
→ navigate to new password input screen
```

Errors:

- `403 FORBIDDEN` — wrong OTP
- `403 FORBIDDEN` — OTP expired
- `403 FORBIDDEN` — max OTP attempts exceeded

---

11. Forgot Password — Reset

Purpose: Sets the new password. Revokes all existing sessions and issues a fresh `accessToken`.

Endpoint: **POST** `{base_url}/auth/password/forgot/reset`

Access Level: Public

Authentication: None

Request:

```
{
  "resetToken": "eyJhbGciOiJIUzI1NiJ9...",
  "newPassword": "MyNewSecurePassword456",
  "confirmPassword": "MyNewSecurePassword456"
}
```

Request Parameters:

Parameter	Type	Required	Description	Validation
`resetToken`	string	Yes	Token from verify OTP step	Non-empty
`newPassword`	string	Yes	New password	Min 8 characters
`confirmPassword`	string	Yes	Must match newPassword	Non-empty

Response:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Password updated. All other sessions signed out.",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "accessToken": "eyJhbGciOiJIUzI1NiJ9...",
    "resetToken": null,
    "maskedPhone": null,
    "expiresInSeconds": 0
  }
}
```

Frontend handling:

```
→ discard resetToken from memory
→ store accessToken in memory
→ clear any existing refreshToken from storage
→ navigate to home
→ show "Password updated successfully"
```

Errors:

- `400 BAD_REQUEST` — passwords do not match
- `403 FORBIDDEN` — resetToken invalid or expired
- `422 UNPROCESSABLE_ENTITY` — password too short

---

12. Refresh Token

Purpose: Exchanges a refresh token for a new access + refresh token pair. Old refresh token is invalidated immediately (rotation).

Endpoint: `POST` `{base_url}/auth/token/refresh`

Access Level: □□ Public

Authentication: None

Request:

```
{
  "refreshToken": "eyJhbGciOiJIUzI1NiJ9..."
}
```

Response:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Token refreshed",
  "action_time": "2026-04-03T10:30:45",
  "data": {
    "accessToken": "eyJhbGciOiJIUzI1NiJ9...",
    "refreshToken": "eyJhbGciOiJIUzI1NiJ9...",
    "expiresIn": 3600
  }
}
```

Frontend handling:

```
Call this when:
  → accessToken is expired (401 on a protected request)
  → proactively before expiry (check exp claim in JWT)

On success:
  → replace accessToken in memory
  → replace refreshToken in secure storage
  → retry the original failed request

On 401:
  → clear all tokens
```

```
  → redirect to login
```

Errors:

- `401 UNAUTHORIZED` — refresh token invalid, expired, or revoked
- `401 UNAUTHORIZED` — token reuse detected — session revoked

---

13. Revoke Token

Purpose: Logs out the user by revoking their refresh token.

Endpoint: `POST` `{base_url}/auth/token/revoke`

Access Level: □□ Public

Authentication: None

Request:

```
{
  "refreshToken": "eyJhbGciOiJIUzI1NiJ9..."
}
```

Response:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Token revoked successfully",
  "action_time": "2026-04-03T10:30:45",
  "data": null
}
```

Frontend handling:

```
On logout:
  → call this endpoint with the stored refreshToken
  → clear accessToken from memory
  → clear refreshToken from secure storage
  → redirect to login
```

```
If call fails (network error):
  → still clear tokens locally
  → user is effectively logged out on the client
```

Quick Reference — Full Auth Flow

```
1. POST /auth/check
   → phone + deviceId → checkToken + action

2. POST /auth/passwordless/channels   (does not consume checkToken)
   → returns available channels: SMS, WHATSAPP, and optionally EMAIL

3. POST /auth/passwordless-start      (consumes checkToken)
   → channel (SMS | WHATSAPP | SMS_AND_WHATSAPP | EMAIL) → tempToken + OTP sent

4. POST /auth/verify-otp              (consumes tempToken)
   → otp → accessToken (returning user) or onboardingToken (new user)

5. POST /auth/onboarding/primary      (if onboardingToken received)
   → name + birthDate → accessToken issued

─── User is now logged in ───

6. Secondary onboarding (optional, progressive)
   → username, email, interests, bio, profile pic
   → each step returns new accessToken with updated onboarding flags

─── Token management ───

7. POST /auth/token/refresh   → rotate tokens silently
8. POST /auth/token/revoke    → logout
```

Error Handling Summary

HTTP Status	When it happens	What to do
`400 BAD_REQUEST`	Invalid input, item exists, rate limit	Show error message to user

HTTP Status	When it happens	What to do
`401 UNAUTHORIZED`	Token expired or invalid	Refresh token or redirect to login
`403 FORBIDDEN`	Wrong OTP, wrong password, token mismatch	Show specific error, let user retry
`404 NOT_FOUND`	Account not found	Show "Account not found"
`422 UNPROCESSABLE_ENTITY`	Validation failed	Show field-level errors
`500 INTERNAL_SERVER_ERROR`	Server error	Show generic error, retry

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