

API Integration Guide

API Integration Readiness Checklist

Prepared for	JAVASCAPE AI
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This is part of the API Integration Guide source stack. It is designed for GPT Knowledge retrieval and should support live user interactions. Preserve placeholders such as [MISSING], [SYSTEM], [API_KEY], [ACCESS_TOKEN], and [UNVERIFIED] because they are part of the assistant's operating design.

Purpose

The API Integration Readiness Checklist helps users gather essential details before API Integration Guide creates a plan, troubleshooting path, no-code workflow, or developer handoff.

Beginner-Friendly Note

You do not need to be a developer. If you do not know an answer, write [MISSING], “I am not sure,” “Unknown,” or “Please help me figure this out.”

How to Understand Placeholders

Placeholder	What It Means	Beginner Example
` [SYSTEM] `	App, platform, website, or tool	HubSpot, Stripe, WooCommerce
` [MISSING: source system] `	Where data starts	Website form
` [MISSING: destination system] `	Where data goes	HubSpot CRM
` [MISSING: trigger event] `	What starts workflow	Form submission
` [MISSING: desired action] `	What happens next	Create contact
` [API_KEY] `	Safe private key placeholder	Do not paste real key
` [UNVERIFIED] `	Needs checking	Endpoint or connector support

Quick Readiness Summary

Answer five questions:

1. What system does the data start in?
2. What system should receive the data?
3. What event should trigger the workflow?
4. What action should happen after the trigger?
5. What data fields need to move?

Readiness Levels

Level 1 — Early Idea

User knows the desired outcome but not technical details.

Level 2 — Basic Workflow Defined

Source, destination, trigger, action, and fields are known.

Level 3 — Technical Details Partially Known

Some API/webhook/auth/no-code details are known but gaps remain.

Level 4 — Developer-Ready

Goal, data flow, auth, docs, field map, tests, and open questions are clear.

Level 5 — Production-Readiness Planning

Workflow has been scoped, tested, reviewed for credentials, errors, monitoring, and sensitive data. This is not certification.

Section A — Basic Integration Details

Question	Your Answer
What are you trying to connect?	`[MISSING: source system]` to `[MISSING: destination system]`
What should start the workflow?	`[MISSING: trigger event]`
What should happen next?	`[MISSING: desired action]`
Who benefits?	`[MISSING: user/team]`
Testing, internal, or production?	`[MISSING: environment]`
One-way or two-way sync?	`[MISSING: sync direction]`
How often should it run?	Real-time / scheduled / manual / unknown
Main problem solved?	`[MISSING: problem]`

Section B — Systems Involved

Role	System / Platform	Notes
Source system	`[SYSTEM]`	Where data starts
Destination system	`[SYSTEM]`	Where data goes
Middleware	Zapier / Make / n8n / custom backend / none / unknown	Optional
Database	`[SYSTEM / NONE / MISSING]`	Optional
Notification tool	Email / Slack / Teams / other	Optional
CRM	HubSpot / Salesforce / Zoho / other	Optional
Payment platform	Stripe / PayPal / other	Optional

Section C — Trigger and Action

Examples of triggers: new form submission, new paid order, successful payment, new booking, webhook event, scheduled sync.

Examples of actions: create contact, update record, add row, send email, create invoice, create task, update order status.

Section D — Data to Move

Field Name	Starts In	Goes To	Required?	Sensitive?	Notes
Name	`[SYSTEM]`	`[SYSTEM]`	Yes / No	Yes / No	
Email	`[SYSTEM]`	`[SYSTEM]`	Yes / No	Yes / No	
Phone	`[SYSTEM]`	`[SYSTEM]`	Yes / No	Yes / No	
Order ID	`[SYSTEM]`	`[SYSTEM]`	Yes / No	Yes / No	
Message	`[SYSTEM]`	`[SYSTEM]`	Yes / No	Yes / No	

Section E — Authentication and Access

Question	Answer
Do you know the auth method?	API key / OAuth / bearer token / app login / unknown
Need read access?	Yes / No / Unknown
Need write access?	Yes / No / Unknown
Require admin access?	Yes / No / Unknown
Separate sandbox and production credentials?	Yes / No / Unknown
Scopes/permissions known?	Yes / No / Unknown
Where will secrets be stored?	Secret manager / environment variables / platform storage / unknown

Security Rule

Do not paste real API keys, access tokens, passwords, webhook secrets, private keys, or live Authorization headers into chat.

Section F — API Documentation

Question	Answer
Official API docs available?	Yes / No / Unknown
Docs current?	Yes / No / Unknown
Endpoint details known?	Yes / No / Unknown
Request methods known?	Yes / No / Unknown
Required fields known?	Yes / No / Unknown
Rate limits known?	Yes / No / Unknown
Webhook details known?	Yes / No / Unknown

Section G — Webhook Readiness

Check event source, event type, destination endpoint, signing secret, signature verification, duplicate handling, retry behavior, and test mode.

Section H — No-Code / Low-Code Readiness

Check platform, built-in connectors, exact trigger/action support, custom webhook needs, custom API request needs, field mappings, filters, and current connector verification.

Section I — Security and Sensitive Data

Flag personal, payment, health, financial, employee, children’s, biometric, customer-record, account-permission, or destructive-action workflows. Recommend stronger review if any are involved.

Section J — Error Handling Readiness

Identify what happens if auth fails, fields are missing, destination is unavailable, rate limit is reached, duplicate event arrives, partial failure occurs, who is notified, where errors are logged, and whether logs are sanitized.

Section K — Testing Readiness

Test Area	Ready?	Notes
Sandbox/test mode available	Yes / No / Unknown	
Sample data prepared	Yes / No / Unknown	
Authentication test planned	Yes / No / Unknown	
Successful request test planned	Yes / No / Unknown	
Missing-field test planned	Yes / No / Unknown	
Invalid credential test planned	Yes / No / Unknown	
Duplicate record test planned	Yes / No / Unknown	
Logs checked for secrets	Yes / No / Unknown	

Best Copy-Paste Prompt Template

I want help preparing an API integration.

```
Source system: [SYSTEM]
Destination system: [SYSTEM]
Trigger event: [what starts the workflow]
Desired action: [what should happen next]
Data fields to move: [list fields]
Preferred method: [API / webhook / Zapier / Make / n8n / custom backend / unknown]
Authentication method: [API key / OAuth / app connection / unknown]
Environment: [testing / sandbox / staging / production / unknown]
Sensitive data involved: [yes / no / unknown]
API documentation: [provided / not provided / unknown]
Main concern: [planning / troubleshooting / no-code workflow / developer handoff / security / testing]

Please identify known facts, missing information, working assumptions, verification needs,
and the safest next step.
```

Safe Materials to Share

Safe: app names, goals, sanitized errors, status codes, endpoint patterns without secrets, sample field names, sanitized JSON, redacted screenshots, public docs links.

Do not share: API keys, bearer tokens, refresh tokens, client secrets, webhook secrets, passwords, private keys, live Authorization headers, raw customer data, payment card data, production credentials.

Final Readiness Summary Template

Readiness View, What Is Clear, What Is Missing, Main Risk Areas, Best Next Output, Recommended Next Step.