

Cal.diy API versions and provider routes

This reference maps every public Cal.diy capability to the provider method, cal-api-version header, and relative path selected by the reviewed connector. Use it to review connector changes, diagnose provider-contract drift, or trace a gover

SECTION	Connectors
TYPE	Connector
PROTOCOL	AIP 1.0
SOURCE	docs/connectors/cal-diy/reference/api-versions-and-provider-routes.md

Applications invoke AIP capabilities. They do not construct or call these provider URLs directly. Authentication, tenant and account routing, policy, approval, idempotency, and durable settlement still apply before provider dispatch.

Status and scope

Item	Reviewed value
Connector source revision	97be86e9efedf07ecf1783b03800f683f107fb04
Pinned Cal.diy upstream revision	f00434927386c9ecdcbd7e6c5f82d22044a245bc
Public business operations	81
Fixed provider path templates	53
Provider API surface	Cal.diy /v2 routes selected by source
Arbitrary provider pass-through	Not supported

The table describes implementation at the exact source revision. It does not claim that these are the latest routes published by Cal.diy or that an arbitrary deployment has been live-qualified against them.

Version selection

The connector sets cal-api-version for every outbound provider request. The value is selected by operation; it is not a caller or deployment setting.

Operation group	cal-api-version	Operations
Profile, bookings, calendars, conferencing, and user webhooks	2024-08-13	55
Event types and event-type webhooks	2024-06-14	11
Private links	2024-04-15	4
Slots and reservations	2024-09-04	5
Schedules	2024-06-11	6
Total	Five outbound values	81

The fixed webhook payload version 2021-10-20 is separate. The connector puts it in user-level and event-type webhook create or update bodies and expects the same version at inbound webhook ingress. It is not a cal-api-version header.

The method distribution is 36 GET, 22 POST, 10 PATCH, 1 PUT, and 12 DELETE operations.

Fixed request construction

The connector constructs provider requests in a deterministic order:

1. select the method, path template, and API version from the operation enum;
2. join the relative path to the deployment-owned provider base URL;
3. fill named path segments from validated action input;
4. serialize only the operation's declared query fields;
5. remove path and query fields from a non-delete mutation body;
6. apply deployment-owned authentication and trusted request metadata;
7. dispatch through a client with redirects disabled and a 30-second timeout.

Action input cannot override the provider base URL, method, route template, API version, authentication headers, or trusted audit headers.

Headers

Header	Source	Presence
Authorization: Bearer ...	Deployment secret	One authentication mode
x-cal-client-id, x-cal-secret-key	Deployment client credentials	Alternative authentication mode
accept: application/json	Connector	Every request
cal-api-version	Operation mapping	Every request
x-aip-action-id	Validated AIP action	Every request
idempotency-key	Governed action metadata	When supplied to the provider client
x-aip-principal-id	Trusted execution context	When request metadata is present
x-aip-tenant-id	Trusted execution context	When request metadata is present
x-aip-external-account-id	Trusted execution context	When request metadata is present
x-aip-trace-id	Trusted execution context	When a trace id is present

Provider credentials never come from the action input. Redirects are not followed, so credentials are not forwarded to a redirect target.

Path parameters

Each placeholder is filled from the same-named action field and percent-encoded as one URL path segment. Missing fields fail before dispatch.

Placeholder	Used by
{event_type_id}	Event-type, private-link, and event-type-webhook item routes
{link_id}	Private-link item routes
{webhook_id}	Event-type and user-level webhook item routes
{reservation_uid}	Slot-reservation item routes
{booking_uid}	Booking lifecycle and booking-child routes
{seat_uid}	Booking lookup by seat
{user_id}	Booking reassignment to one user
{attendee_id}	Booking-attendee item routes

Placeholder	Used by
{calendar}	Provider check, disconnect, direct events, and direct free/busy
{connection_id}	Unified calendar-connection routes
{event_id}	Unified connection-event item routes
{event_uid}	Direct provider event item routes
{app}	Conferencing default, connect, and disconnect routes
{schedule_id}	Schedule item routes

The capability input schemas own identifier types, enums, and required fields. For example, the direct calendar event surface fixes {calendar} to google, while provider check and disconnect accept a broader provider enum.

Query parameters

Only the operations below serialize action fields into the query string. All other operations use path fields, an empty read input, or a JSON mutation body.

Capability or group	Query fields
event_type.list	username, eventSlug, usernames, orgSlug, orgId, sortCreatedAt
slot.list	start, end, eventTypeSlug, eventTypeSlug, username, teamSlug, organizationSlug, usernames, timeZone, duration, bookingUidToReschedule, format
booking.list	status, attendeeEmail, attendeeName, bookingUid, eventTypeIds, eventTypeId, teamsIds, teamId, afterStart, beforeEnd, afterCreatedAt, beforeCreatedAt, afterUpdatedAt, beforeUpdatedAt, sortStart, sortEnd, sortCreated, sortUpdatedAt, take, skip
booking.reference.list	type
event_type.webhook.list, webhook.list	skip, take
calendar.busy_time.list	timeZone, dateFrom, dateTo, calendarsToLoad
calendar.connection.event.list	from, to, timeZone, calendarId
Connection event get, create, update, and delete	calendarId
calendar.connection.free_busy.get	from, to, timeZone
calendar.event.list	from, to, timeZone, calendarId
calendar.free_busy.get	from, to, timeZone
calendar.selected.delete	integration, externalId, credentialId, delegationCredentialId

Scalar arrays become repeated query keys. Arrays of objects use indexed bracket notation; for example, calendarsToLoad[0][credentialId]=42. Query nesting is rejected beyond eight levels.

JSON bodies

GET and DELETE requests send no JSON body. Path and query fields are removed from the action object before a POST, PATCH, or PUT body is sent. The opaque webhook_secret_ref and internal compensation metadata are also removed.

For managed webhook create or update, the connector validates the destination, resolves the opaque reference, and injects the provider secret afterward; a raw secret never enters AIP action input.

This partition is significant for calendar.selected.delete: its supported fields are query parameters because the connector sends no delete body.

Complete capability route map

The rows remain in the connector's source order. Paths are relative to the configured provider base URL.

Profile

Capability	Method	Version	Provider path
cap:cal_diy:profile.get	GET	2024-08-13	/v2/me
cap:cal_diy:profile.update	PATCH	2024-08-13	/v2/me

Event types, private links, and event-type webhooks

Capability	Method	Version	Provider path
cap:cal_diy:event_type.list	GET	2024-06-14	/v2/event-types
cap:cal_diy:event_type.get	GET	2024-06-14	/v2/event-types/{event_type_id}
cap:cal_diy:event_type.create	POST	2024-06-14	/v2/event-types
cap:cal_diy:event_type.update	PATCH	2024-06-14	/v2/event-types/{event_type_id}
cap:cal_diy:event_type.delete	DELETE	2024-06-14	/v2/event-types/{event_type_id}
cap:cal_diy:event_type.private_link.list	GET	2024-04-15	/v2/event-types/{event_type_id}/private-links
cap:cal_diy:event_type.private_link.create	POST	2024-04-15	/v2/event-types/{event_type_id}/private-links
cap:cal_diy:event_type.private_link.update	PATCH	2024-04-15	/v2/event-types/{event_type_id}/private-links/{link_id}
cap:cal_diy:event_type.private_link.delete	DELETE	2024-04-15	/v2/event-types/{event_type_id}/private-links/{link_id}
cap:cal_diy:event_type.webhook.list	GET	2024-06-14	/v2/event-types/{event_type_id}/webhooks
cap:cal_diy:event_type.webhook.get	GET	2024-06-14	/v2/event-types/{event_type_id}/webhooks/{webhook_id}
cap:cal_diy:event_type.webhook.create	POST	2024-06-14	/v2/event-types/{event_type_id}/webhooks
cap:cal_diy:event_type.webhook.update	PATCH	2024-06-14	/v2/event-types/{event_type_id}/webhooks/{webhook_id}
cap:cal_diy:event_type.webhook.delete	DELETE	2024-06-14	/v2/event-types/{event_type_id}/webhooks/{webhook_id}
cap:cal_diy:event_type.webhook.delete_all	DELETE	2024-06-14	/v2/event-types/{event_type_id}/webhooks

Slots and reservations

Capability	Method	Version	Provider path
cap:cal_diy:slot.list	GET	2024-09-04	/v2/slots
cap:cal_diy:slot.reservation.create	POST	2024-09-04	/v2/slots/reservations
cap:cal_diy:slot.reservation.get	GET	2024-09-04	/v2/slots/reservations/{reservation_uid}
cap:cal_diy:slot.reservation.update	PATCH	2024-09-04	/v2/slots/reservations/{reservation_uid}
cap:cal_diy:slot.reservation.delete	DELETE	2024-09-04	/v2/slots/reservations/{reservation_uid}

Bookings

Capability	Method	Version	Provider path
cap:cal_diy:booking.list	GET	2024-08-13	/v2/bookings
cap:cal_diy:booking.get	GET	2024-08-13	/v2/bookings/{booking_uid}
cap:cal_diy:booking.get_by_seat	GET	2024-08-13	/v2/bookings/by-seat/{seat_id}
cap:cal_diy:booking.create	POST	2024-08-13	/v2/bookings
cap:cal_diy:booking.reschedule	POST	2024-08-13	/v2/bookings/{booking_uid}/reschedule
cap:cal_diy:booking.cancel	POST	2024-08-13	/v2/bookings/{booking_uid}/cancel
cap:cal_diy:booking.confirm	POST	2024-08-13	/v2/bookings/{booking_uid}/confirm
cap:cal_diy:booking.decline	POST	2024-08-13	/v2/bookings/{booking_uid}/decline
cap:cal_diy:booking.mark_absent	POST	2024-08-13	/v2/bookings/{booking_uid}/mark-absent
cap:cal_diy:booking.reassign	POST	2024-08-13	/v2/bookings/{booking_uid}/reassign
cap:cal_diy:booking.reassign_to_user	POST	2024-08-13	/v2/bookings/{booking_uid}/reassign/{user_id}
cap:cal_diy:booking.location.update	PATCH	2024-08-13	/v2/bookings/{booking_uid}/location
cap:cal_diy:booking.attendee.list	GET	2024-08-13	/v2/bookings/{booking_uid}/attendees
cap:cal_diy:booking.attendee.get	GET	2024-08-13	/v2/bookings/{booking_uid}/attendees/{attendee_id}
cap:cal_diy:booking.attendee.add	POST	2024-08-13	/v2/bookings/{booking_uid}/attendees
cap:cal_diy:booking.attendee.delete	DELETE	2024-08-13	/v2/bookings/{booking_uid}/attendees/{attendee_id}
cap:cal_diy:booking.guest.add	POST	2024-08-13	/v2/bookings/{booking_uid}/guests
cap:cal_diy:booking.calendar_links.get	GET	2024-08-13	/v2/bookings/{booking_uid}/calendar-links
cap:cal_diy:booking.reference.list	GET	2024-08-13	/v2/bookings/{booking_uid}/references
cap:cal_diy:booking.recording.list	GET	2024-08-13	/v2/bookings/{booking_uid}/recordings
cap:cal_diy:booking.transcript.list	GET	2024-08-13	/v2/bookings/{booking_uid}/transcripts
cap:cal_diy:booking.conferencing_session.list	GET	2024-08-13	/v2/bookings/{booking_uid}/conferencing-sessions

Calendars and free/busy

Capability	Method	Version	Provider path
cap:cal_diy:calendar.list	GET	2024-08-13	/v2/calendars
cap:cal_diy:calendar.provider.check	GET	2024-08-13	/v2/calendars/{calendar}/check
cap:cal_diy:calendar.disconnect	POST	2024-08-13	/v2/calendars/{calendar}/disconnect
cap:cal_diy:calendar.ics_feed.check	GET	2024-08-13	/v2/calendars/ics-feed/check
cap:cal_diy:calendar.busy_time.list	GET	2024-08-13	/v2/calendars/busy-times
cap:cal_diy:calendar.connection.list	GET	2024-08-13	/v2/calendars/connections
cap:cal_diy:calendar.connection.event.list	GET	2024-08-13	/v2/calendars/connections/{connection_id}/events
cap:cal_diy:calendar.connection.event.get	GET	2024-08-13	/v2/calendars/connections/{connection_id}/events/{event_id}
cap:cal_diy:calendar.connection.event.create	POST	2024-08-13	/v2/calendars/connections/{connection_id}/events
cap:cal_diy:calendar.connection.event.update	PATCH	2024-08-13	/v2/calendars/connections/{connection_id}/events/{event_id}
cap:cal_diy:calendar.connection.event.delete	DELETE	2024-08-13	/v2/calendars/connections/{connection_id}/events/{event_id}
cap:cal_diy:calendar.connection.free_busy.get	GET	2024-08-13	/v2/calendars/connections/{connection_id}/freebusy
cap:cal_diy:calendar.event.list	GET	2024-08-13	/v2/calendars/{calendar}/events
cap:cal_diy:calendar.event.get	GET	2024-08-13	/v2/calendars/{calendar}/events/{event_uid}
cap:cal_diy:calendar.event.create	POST	2024-08-13	/v2/calendars/{calendar}/events
cap:cal_diy:calendar.event.update	PATCH	2024-08-13	/v2/calendars/{calendar}/events/{event_uid}
cap:cal_diy:calendar.event.delete	DELETE	2024-08-13	/v2/calendars/{calendar}/events/{event_uid}
cap:cal_diy:calendar.free_busy.get	GET	2024-08-13	/v2/calendars/{calendar}/freebusy
cap:cal_diy:calendar.destination.update	PUT	2024-08-13	/v2/destination-calendars
cap:cal_diy:calendar.selected.add	POST	2024-08-13	/v2/selected-calendars
cap:cal_diy:calendar.selected.delete	DELETE	2024-08-13	/v2/selected-calendars

Conferencing

Capability	Method	Version	Provider path
cap:cal_diy:conferencing.list	GET	2024-08-13	/v2/conferencing
cap:cal_diy:conferencing.default.get	GET	2024-08-13	/v2/conferencing/default
cap:cal_diy:conferencing.default.set	POST	2024-08-13	/v2/conferencing/{app}/default
cap:cal_diy:conferencing.connect	POST	2024-08-13	/v2/conferencing/{app}/connect
cap:cal_diy:conferencing.disconnect	DELETE	2024-08-13	/v2/conferencing/{app}/disconnect

Schedules

Capability	Method	Version	Provider path
cap:cal_diy:schedule.list	GET	2024-06-11	/v2/schedules
cap:cal_diy:schedule.default.get	GET	2024-06-11	/v2/schedules/default
cap:cal_diy:schedule.get	GET	2024-06-11	/v2/schedules/{schedule_id}
cap:cal_diy:schedule.create	POST	2024-06-11	/v2/schedules
cap:cal_diy:schedule.update	PATCH	2024-06-11	/v2/schedules/{schedule_id}
cap:cal_diy:schedule.delete	DELETE	2024-06-11	/v2/schedules/{schedule_id}

User webhooks

Capability	Method	Version	Provider path
cap:cal_diy:webhook.list	GET	2024-08-13	/v2/webhooks
cap:cal_diy:webhook.get	GET	2024-08-13	/v2/webhooks/{webhook_id}
cap:cal_diy:webhook.create	POST	2024-08-13	/v2/webhooks
cap:cal_diy:webhook.update	PATCH	2024-08-13	/v2/webhooks/{webhook_id}
cap:cal_diy:webhook.delete	DELETE	2024-08-13	/v2/webhooks/{webhook_id}

Diagnose route or version drift

Observation	Interpretation	Safe response
Capability is absent from the admitted catalog	The current deployment did not admit this contract	Stop; do not derive a provider call from this table
Provider returns 404 or 405	Route, method, account scope, or upstream behavior may differ	Preserve request evidence and compare exact revisions before changing source
Provider rejects cal-api-version	The pinned version may no longer match that provider deployment	Treat it as contract drift; do not override the header at runtime
Provider returns a redirect	The hardened client does not follow it	Verify the configured base URL and reviewed route mapping
Connector reports invalid action	A path, query, or body field failed the capability schema	Correct the AIP input; do not call the provider directly
Mutation outcome is uncertain	Dispatch may have crossed the provider boundary	Reconcile the original action and idempotency identity
Response exceeds the configured bound	Provider output was not accepted into the connector	Preserve status and request id, then review the response contract and bound

A provider error alone does not prove that this table is wrong. First compare the admitted catalog revision, connector artifact digest, configured upstream, capability input, provider request id, and durable action state.

Review a route-map change

A connector change that alters any row should update and review one coherent set of artifacts:

1. operation suffix, method, path template, path fields, query fields, and API

version in source;

2. the input schema and path/query/body partition for the same capability;
3. route, version-header, encoding, and secret-boundary contract tests;
4. the generated capability snapshot and its source provenance;
5. this route map and the affected capability reference;
6. conformance and provider qualification evidence for the exact artifact.

Do not ship a route-only edit that leaves schemas, tests, generated metadata, or evidence pinned to a different request shape.

Security and evidence boundaries

- Public actions select a known capability, not an arbitrary provider route.
- Deployment configuration owns the provider origin and authentication mode.
- Path values are encoded as individual URL segments.
- Only enumerated query fields are serialized, with bounded nesting.
- Provider credentials and raw webhook secrets are excluded from action input.
- Redirects are disabled and the provider exchange has a fixed timeout.
- A source-derived row proves implementation intent, not live provider support.
- Provider-route absence is not permission to use an operator-only endpoint.

Related documentation

- [Cal.diy capability index](#)
- [Generated capability snapshot](#)
- [Cal.diy configuration](#)
- [Connector contract](#)
- [Error reference](#)