



## ACME APIs

ACME's powerful API layer allows our partners to access and expand the ACME Ticketing Platform in ways that work best for the unique needs of their operations and customers. The ACME web, point-of-sale, and access control applications are built on the same REST-based APIs that we make available to our partners.

This document outlines the most commonly used APIs, what to expect when using them, and how they might be used to create powerful solutions.

	Name	Endpoint	Description
1	Checkout (Admin)	/v2/b2b/orders/checkout	Back Office (internal use) checkout to create new orders
2	Checkout (Groups)	/v2/b2b/orders/organizations/{organizationId}	Checkout process for an online travel agent or group. Requires a pre-approved Organization ID. Used for OTA checkout with direct inventory pull from ACME.
3	Checkout (Kiosk)	/v2/b2b/checkout/kiosk	Checkout process for a self-service kiosk transaction. Using this API will tag the order with the kiosk sales channel. Used for onsite self-service kiosks.
4	Checkout (Online)	/v2/b2c/checkout	Online sales checkout (complete an order). Used for individual orders placed online.
5	Checkout (Online) with CORS	/v2/b2c/cors/checkout	Online sales checkout (complete an order) using cross origin resource sharing (CORS sends the checkout call from Javascript).
6	Combo Event Products	/v1/combo/event/templates	Combos create a package of 2 or more discrete events into a single product for purchase via an online sales channel. This API manages those products.
7	Event Instance Details	/v2/b2b/event/instances	Get a list of all available event instances. Response can be limited by start and end date and specific event ID. Used for referencing event information (description, price, capacity, etc.)
8	Event Instance Statements	/v2/b2b/event/instances/statements	Retrieves basic information about an event start time, end time, sold qty, available qty, and redeemed qty. Since the response is compressed this is a great endpoint for large data pulls.
9	Event Instance Summaries	/v2/b2b/event/instances/summaries	Similar to the Event Statements response, but also includes information about custom fields and resource requests.
10	Event Listing (Next Available)	/v1/b2c/events/{templateId}/nextAvailable	Returns the next available event for the supplied event template ID. Useful to see when the next event instance is scheduled for a particular event
11	Event Listings	/v1/b2c/events/{id}	Returns the event object for all events unless optional parameters are used to limit responses (e.g. appending v1/b2c/events with /{id} will return a single event instance)
12	Event Photos	/v1/b2b/photos/{id}/{size}	Returns an image based on image ID and size requests. For example, this can return the main image for General Admission in thumbnail, preview, high resolution or screen size format.
13	Event Template	/v1/b2b/event/template	Returns an array of event template objects. The response can be limited based on additional criteria. Can be used to pull data from ACME to populate a CMS.
14	Event Template (by ID)	/v1/b2c/event/templates/{id}	Returns a single event template object based on the unique event template ID provided
15	Event Template Add-ons	/v1/b2b/event/template/{id}/add-ons	Returns the inventory IDs for all add-ons associated with the event template.
16	Event Template Calendar	/v1/b2c/event/templates/{id}/calendar	Returns an array of days for a specific event and if the event is scheduled for this date
17	Event Template Calendars	/v1/b2c/event/templates/calendar	Returns an array of days with event names and if the event is scheduled for this date
18	Event Template Locking	/v2/b2b/locks/lock/EventTemplate/{eventTemplateId}	Locks an event template during the editing process to ensure another user cannot edit while the template is in the editing stage.



19	Event Template Membership Discounts	/v1/b2b/event/template/{id}/memberships/discounts	Specify the discount a member receives when purchasing tickets to a specific event. The response body also includes basic information about the membership level and offers.
20	Event Template Memberships	/v1/b2b/event/template/{id}/memberships	Specify which membership levels are eligible to obtain discounts on the specified event
21	Event Template Recommendations	/v1/b2b/event/template/{id}/recommendations	Returns the event template ID(s) for any recommendations associated with the event. Useful for recommending upsells on the e-commerce cart page.
22	Event Template Resources	/v1/b2b/event/template/{id}/resources	Returns the resources requested for the requested event template
23	Event Template Schedules	/v1/b2b/event/template/{id}/schedules	Returns the scheduled occurrence and price for the event template ID provided
24	Event Template Times	/v1/b2c/event/templates/times	Returns a list of event time objects for all event templates. This includes the number of tickets available and start time.
25	Event Template Times (by ID)	/v1/b2c/event/templates/{id}/times	Returns a list of event time objects for the specified event template. This includes the number of tickets available and start time.
26	Event Templates	/v1/b2c/event/templates	Returns a list of event templates in the form of event objects
27	Forms	/v2/b2c/forms/responses	Forms are used to collect more information about an Order. When using a custom checkout online or at a kiosk, you might opt to ask a survey question and relate the answers back to order data
28	Membership (List Members)	/v2/b2b/memberships	List all memberships (a list of members)
29	Membership Card	/v1/b2b/membership/cards/{id}	Retrieve a specific membership card by ID
30	Membership Cards (List Cards)	/v1/b2b/membership/cards	List all membership cards
31	Membership Eligible Levels	/v2/b2b/membership/eligibleoptions/levels	Use the membership eligible options API to determine what lifecycle actions a membership can take. Afterward, use the checkout API to perform the lifecycle action. This is only applicable for existing memberships, not new purchases.
32	Membership Entitlements for Events	/v2/event/templates/{templateId}/entitlements	Entitlements control the number of tickets and at what price a member can reserve by event and membership level
33	Membership Level (For Sale)	/v2/b2b/membership/levels/{id}	Retrieve the membership object for a specific membership level as specified by the membership ID
34	Membership Levels (For Sale)	/v2/b2b/membership/levels	List of membership levels that are available for sale by sales channel
35	Membership Offer (For Sale)	/v2/b2b/membership/levels/{levelId}/membershipofferings/{membershipofferingId}	Retrieve a specific membership offering based on the ID
36	Membership Offers (For Sale)	/v2/b2b/membership/levels/{levelId}/membershipofferings	List of membership offering objects
37	Membership Summaries	/v1/b2b/membership/summaries	Returns a summary view of all memberships
38	Order Listing	/v1/b2c/orders/{id}	Retrieve the details of an order
39	Order Refund	/v1/b2b/b2b/refunds	Refunds an order
40	Order Update	/v2/b2b/orders/update	Update an order (add tickets, add events, check in tickets, etc.)
41	Order Will Call	/v2/b2b/orders/detail/{orderId}	Returns the will call order object
42	Order Listing for an Event	/v1/b2c/orders/event/{eventId}	Returns a list of Order Objects associated with the specified event.
43	Organization Contact (by ID)	/v2/b2b/organization/{id}/contact/{contactId}	Retrieves a specific contact record relating to an organization
44	Organization (by ID)	/v2/b2b/organization/{id}	Retrieves the organization record based on the ID input

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45	Organization Address (by ID)	/v2/b2b/organization/{id}/addresses/{addressId}	An organization can have many addresses due to the association with its list of contacts. This endpoint can retrieve any of those addresses based on the ID.
46	Organization Addresses On File	/v2/b2b/organization/{id}/addresses	Retrieves a paginated list of AddressVo objects for a specific organization
47	Organization Contact Records	/v2/b2b/organization/{id}/contact	Retrieves a paginated list of ContactVo objects for an organization
48	Organization Contacts by Address	/v2/b2b/organization/{id}/addresses/{addressId}/contacts	Retrieves a list of contacts relating to an organization based on the shared address used for those contact records
49	Organization List	/v2/b2b/organization	Retrieves a list of all organizations in the database. Basic information is provided for the ID, name, and when the Organization recorded was created.
50	Organization Primary Address	/v2/b2b/organization/{id}/addresses/primary	Retrieves the primary address associated with the organization
51	Organization Primary Contact	/v2/b2b/organization/{id}/contact/primary	Retrieves the primary contact of the organization
52	Person Types (ticket categories)	/v1/b2b/price/person/types	Person types are the underlying IDs of the ticket categories used in event pricing. A person type ID is required for an API-based checkout. You will use this when creating a custom e-commerce flow or a self-service kiosk
53	Price Lists	/v1/b2b/price/lists	Price lists are used to assign pricing to an event. This endpoint displays all price lists and can be used to create or edit events using these lists.
54	Rebook (Reschedule/Move)	/v1/b2b/rebook/orders	Rebook an order into a new event
55	Report Definition	/v2/b2b/analytics/report/definitions	This endpoint is used to create, update/maintain, and delete report definitions
56	Report Download to CSV	/v2/b2b/async/report/csv/{id}	Retrieve report results for a specific report in CSV format
57	Report Download to JSON	/v2/b2b/async/report/json/{id}	Retrieve report results for a specific report in JSON format
58	Report Run	/v2/b2b/async/report	Execute a report by including the report parameters in the payload.
59	Report Status	/v2/b2b/async/report/{id}	Check the status of the report being executed
60	Reservations (Inventory Hold)	/v2/b2b/reservations	Hold inventory in your online shopping cart while completing checkout. This prevents other buyers from consuming the inventory in your cart.
61	Resource Instance Summaries	/v1/b2b/resource/instances/summary	Retrieves a summary of resource instances
62	Resource Instances	/v1/b2b/resource/instances	Create, update or delete individual resource instances
63	Resource Template Summaries	/v1/b2b/resourcetemplates/summary	Retrieves a list of summary resource objects
64	Resource Templates	/v1/b2b/resourcetemplates	Used to create, update, and delete resource templates used to create resource instances
65	Shopping Cart (Online)	/v2/b2c/carts	Shopping carts help you collect and manage items users select as they navigate through the purchase flows. The cart can either be built and updated as a stand-alone object or it can be built directly in the checkout call when the order is submitted.
66	Will Call by Order ID	/v2/b2b/willcall/orders/{orderId}	Returns an order object including customer and order details (name, event, tickets, etc.). Useful for creating your own custom order confirmation emails or for sending order data to another system for validation.
67	Check-In	/v2/willcall/checkintickets	Manual check-in of tickets
68	Check-In	/v2/willcall/checkin	Used for scanning a ticket to check-in (uses standard validation as configured on the event)