

**Subscription Management API**

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The API calls are URIs that identify resources or actions. You can use the GET, POST, PUT, and DELETE HTTP operations to query, create, update, or delete the resources, respectively. The API calls have comments (#) that describe the resource or action. The substitution value <id> is a unique integer identifier for an object, used throughout the documentation. You submit ew and updated data values in the body of the POST or PUT operations.

# Meters

A *meter* is a count of page views. The meter subsystem comprises a set of partner-ip-address counts and a set of limits to enforce on those counts. The user accesses the system, which increments the counts and enforces the limits.

The count has a partner ID, an IP address, and an integer count. The limit has a partner ID, a name, and an integer limit value representing the count of page views at which to limit access. <ip> is an IPv4 or IPv6 internet protocol address when it occurs in the URI.

* **/meters** # all meter counts
* **/meters?partnerId=<id>** # all meter counts for a partner
* **/meters/ip** # all ip meter counts
* **/meters/ip?partnerId=<id>** # all ip meter counts for a partner
* **/meters/ip/<ip>?partnerId=<id>** # the meter count for an ip accessing a partner
* **/meters/ip/<ip>/increment?partnerId=<id>** # increment the meter count for an ip accessing a partner
* **/meters/ip/<ip>/limit&partnerId=<id>** # check the status of an ip accessing a partner, returns OK, WARNING, BLOCK
* **/meters/limits/warningLimit?partnerId=<id>** # warning limit for a partner
* **/meters/limits/meteringLimit?partnerId=<id>** # metering limit for a partner

# Subscriptions

A *subscription* is an agreement by a party to take and pay for access to a partner system. A subscription has a set of transactions (initial subscription, renewal, refund). Each subscription has a set of transactions that shows the transaction history of the subscription (initial subscription, renewals, and refunds).

The subscription has a party ID, a partner ID, a start date, and end Date, and a subscription ID. The combination of party ID and partner ID uniquely identifies the subscription; the subscription ID provides an alternate, single-number identifier for the subscription.

* /subscriptions # all subscriptions
* /subscriptions?partnerId=<id> # all subscriptions for a partner
* /subscriptions/<id> # a specific subscription
* /subscriptions/active # all active subscriptions
* /subscriptions/active?partyId=<id> # all active subscriptions for a party
* /subscriptions/active?partnerId=<id> # all active subscriptions for a partner
* /subscriptions/active?ip=<ip>?partnerId=<id> # all active subscriptions for a partner
* /subscriptions/active?partnerId=<id>&partyId=<id> # all active subscriptions for a partner and party with an ip address in a subscribed ip range
* /subscriptions/parties # all parties
* /subscriptions/parties/<id> # a specific party
* /subscriptions/transactions # all subscription transactions
* /subscriptions/transactions/<id> # a specific subscription transaction
* /subscriptions/ipranges # all ip ranges
* /subscriptions/ipranges/<id> # a specific ip range