Walmart Connect

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Overview

The Audit Snapshot API provides functionality to retrieve the audit of applicable campaign entities for a given advertiser.

Create Audit Snapshot

Description:

You can create audit snapshots for selected entities for an advertiser using this method. You can retrieve audit snapshots for a window of last thirty days.

Description:

> **URL: POST/api/v1/snapshot/audit**

Query Parameters

Parameter	Description	Type	Required	Possible Values
advertiserId	The ID of the advertiser	integer	Y	A valid advertiser ID
auditRequests	Request for audit information.	*auditRequests*:string *entityType*: string *entityIds*: numeric	Y	entityType (possible values): 1. campaign

Parameter	Description	Type	Required	Possible Values
	Only one audit request is allowed per entity type per audit snapshot. This is an array holding following elements: **entityType**: Type of the entity for which you want to generate audit snapshot. **entityIds**: list of Ids of the entity type for which you want to generate audit snapshot. **Note:** 1) Max size of entityId	**fromDate**: date **toDate**: date		2. adGroup 3. keyword 4. adItem 5. bidMultiplier 6. placement 7. sbaProfile 8. adGroupMedia 9. category entityIds: A valid entity id. The entityIds are: 1. campaign: campaignId 2. adGroup: adGroupId 3. keyword: keywordId 4. adItem: adItemId 5. bidMultiplier: campaignId 6. placement: campaignId 7. sbaProfile: sbaProfileId 8. adGroupMedia: adGroupMediaId 9. category: categoryBidId fromDate: Format is yyyy-MM-dd

Parameter	Description	Type	Required	Possible Values
	list is 10.2) Entity Ids should not be duplicate. 3) This field is required and must not be left empty ***fromDate***: The starting date of the time frame for which you want snapshot of selected entities. ***toDate***: The end date of the time frame for which you want snapshot of selected entities			toDate: Format is yyyy-MM-dd
format	Choose the format type for your snapshot	string	N	Types of Format: ***gzip***, ***zip*** ***Note:*** gzip allows decompression while file is

Parameter	Description	Type	Required	Possible Values
				being transferred over the network, hence it is a faster and simpler way to download the reports. You will receive snapshot in zip format if no specific format is selected.

Retrieve Audit Snapshots

Description:

You can retrieve audit snapshot by providing snapshot id and advertiser id for an advertiser.

Note:

- *The output is generated in a "zip/gzip" file depending upon format chosen*

- *The file type in zip file will be JSON*

- You will receive null value for all the entity types except the one whose audit snapshot is being retrieved

- auditVersions is history of different audit events on this entity whose audit snapshot is being retrieved

- auditData is the data that you receive in response when you perform GET operation on entity in question

URL: GET/api/v1/snapshot

Sample Request

```
curl -X GET\
"https://developer.api.us.stg.walmart.com/api-
proxy/service/WAP/API/v1/api/v1/snapshot?advertiserId=600001&snapshotId=1"  \
--header "Authorization: Bearer <auth_token>\
--header 'wap-tenant-id: WMT_MX' \
--header "accept: application/json"\
--header "WM_SEC.AUTH_SIGNATURE: ***********" \
--header 'WM_SEC.KEY_VERSION: 1' \
--header "WM_CONSUMER.ID: adfwe-v23-faasd2r-afs-asdfqeff" \
--header "WM_CONSUMER.intimestamp: 1565309779" \
```

Response

Element	Description	Type
snapshotId	Id of the snapshot to be retrieved	string
jobStatus	It is an indicator to confirm status of snapshot generation. The possible values of jobStatus are: **pending**, **processing**, **done**, **failed**, **expired**	string
details	URL of the snapshot file once jobStatus reaches to state "done"	string
code	The response code can have following values: success, failure	string

Sample Response

```
[
 {
    "code"       : "success",
    "snapshotId": "12",
    "details"     :  "https://advertising.walmart.com/mx/file/30",
    " jobStatus ": "done"
 }
]
```

Example of the content of audit snapshot with snapshot id "12". The file format is "json".

```
{
 "campaigns": null,
 "adGroups": null,
 "adItems": null,
```

```json
"bidMultipliers": null,
"placements": null,
"sbaProfiles": null,
"adGroupMedia": null,
"categories": null,
"keywords": [
  {
    "entityId": 600001,
    "auditVersions": [
      {
        "updatedAt": "2020-07-03T10:29:57",
        "modifier": "API User",
        "auditData": {
          "campaignId": 600001,
          "adGroupId": 600001,
          "keywordId": 600001,
          "state": "enabled",
          "keywordText": "keyword 1 normalized",
          "status": "rejected",
          "matchType": "exact",
          "bid": 5.9
        }
      },
      {
        "updatedAt": "2020-07-03T10:30:57",
        "modifier": "API User",
        "auditData": {
          "campaignId": 600001,
          "adGroupId": 600001,
          "keywordId": 600001,
          "state": "enabled",
          "keywordText": "keyword 1 normalized",
          "status": "rejected",
          "matchType": "exact",
          "bid": 5.82
        }
      },
      {
        "updatedAt": "2020-07-03T10:35:57",
        "modifier": "AdOps User",
        "auditData": {
          "campaignId": 600001,
          "adGroupId": 600001,
          "keywordId": 600001,
          "state": "enabled",
          "keywordText": "keyword 1 normalized",
          "status": "rejected",
          "matchType": "exact",
          "bid": 5.81
        }
      },
```

```json
{
  "updatedAt": "2020-07-03T10:29:57",
  "modifier": "API User",
  "auditData": {
    "campaignId": 600001,
    "adGroupId": 600001,
    "keywordId": 600001,
    "state": "enabled",
    "keywordText": "keyword 1 normalized",
    "status": "pending",
    "matchType": "broad",
    "bid": 5.85
  }
},
{
  "updatedAt": "2020-07-03T11:29:57",
  "modifier": "API User",
  "auditData": {
    "campaignId": 600001,
    "adGroupId": 600001,
    "keywordId": 600001,
    "state": "enabled",
    "keywordText": "keyword 1 normalized",
    "status": "pending",
    "matchType": "exact",
    "bid": 6.66
  }
},
{
  "updatedAt": "2020-07-03T11:35:57",
  "modifier": "API User",
  "auditData": {
    "campaignId": 600001,
    "adGroupId": 600001,
    "keywordId": 600001,
    "state": "enabled",
    "keywordText": "keyword 1 normalized",
    "status": "pending",
    "matchType": "phrase",
    "bid": 5.85
  }
},
{
  "updatedAt": "2020-07-03T11:40:57",
  "modifier": "API User",
  "auditData": {
    "campaignId": 600001,
    "adGroupId": 600001,
    "keywordId": 600001,
    "state": "enabled",
    "keywordText": "keyword 1 normalized",
```

```
            "status": "pending",
            "matchType": "exact",
            "bid": 5.85
          }
        }
      ]
    },
    {
      "entityId": 600003,
      "auditVersions": [
        {
          "updatedAt": "2020-07-04T01:29:57",
          "modifier": "API User",
          "auditData": {
            "campaignId": 600001,
            "adGroupId": 600001,
            "keywordId": 600003,
            "state": "enabled",
            "keywordText": "keyword 3 normalized",
            "status": "pending",
            "matchType": "broad",
            "bid": 2.5
          }
        },
        {
          "updatedAt": "2020-07-04T02:29:57",
          "modifier": "API User",
          "auditData": {
            "campaignId": 600001,
            "adGroupId": 600001,
            "keywordId": 600003,
            "state": "archived",
            "keywordText": "keyword 3 normalized",
            "status": "approved",
            "matchType": "broad",
            "bid": 2.5
          }
        },
        {
          "updatedAt": "2020-07-04T03:29:57",
          "modifier": "AdOps User",
          "auditData": {
            "campaignId": 600001,
            "adGroupId": 600001,
            "keywordId": 600003,
            "state": "enabled",
            "keywordText": "keyword 3 normalized",
            "status": "approved",
            "matchType": "broad",
            "bid": 2.5
          }
```

```
      },
      {
        "updatedAt": "2020-07-04T04:29:57",
        "modifier": "API User",
        "auditData": {
          "campaignId": 600001,
          "adGroupId": 600001,
          "keywordId": 600003,
          "state": "enabled",
          "keywordText": "keyword 3 normalized",
          "status": "pending",
          "matchType": "broad",
          "bid": 2.5
        }
      },
      {
        "updatedAt": "2020-07-04T05:29:57",
        "modifier": "API User",
        "auditData": {
          "campaignId": 600001,
          "adGroupId": 600001,
          "keywordId": 600003,
          "state": "archived",
          "keywordText": "keyword 3 normalized",
          "status": "pending",
          "matchType": "broad",
          "bid": 2.5
        }
      },
      {
        "updatedAt": "2020-07-04T06:29:57",
        "modifier": "API User",
        "auditData": {
          "campaignId": 600001,
          "adGroupId": 600001,
          "keywordId": 600003,
          "state": "enabled",
          "keywordText": "keyword 3 normalized",
          "status": "pending",
          "matchType": "broad",
          "bid": 2.5
        }
      }
    ]
  }
]
}
```

Sample Requests for Create Audit Snapshot

Headers

Header Name	Description	Required	Values
Authorization	The token will provide you the access to the API. It is same for all advertisers you access through the API.	Y	Please utilize the generated auth_token shared with you at the time of partner onboarding from the Getting Started Guide
WM_CONSUMER.ID	We will provide you the consumer ID to access the API. It is same for all advertisers you access through the API.	Y	Please use the generated ConsumerId shared with you at the time of partner onboarding. Refer to the Getting Started Guide for further explanation on this
WM_SEC.AUTH_SIGNATURE	Auth signature as an API key	Y	Use the signature generator code from Getting Started Guide to generate this value
WM_SEC.KEY_VERSION	We will provide you with the KEY VERSION to access the	Y	1

Header Name	Description	Required	Values
	API. It is same for all advertisers you access through the API		
WM_CONSUMER.intimestamp	Timestamp for which the auth signature is generated. Use Unix epoch format for the timestamp	Y	Use the signature generator code (Getting Started Guide) to generate this value
wap-tenant-id	Walmart Ads Platform Tenant identifier.	Y	Pass one of these value for tenant. • WMT_MX : For Walmart Mexico • WMT_BD : For Walmart Bodega EA • SAMS_MX : For SAMS Mexico • WBD_OD : For Walmart Bodega OD • WMT_CA : For Walmart Canada

Sample Request

```
curl -X POST \"
https://developer.api.us.stg.walmart.com/api-proxy/service/WAP/API/v1/api/v1/snapshot/audit" \
--header "Authorization: Bearer <auth_token> \
--header 'wap-tenant-id: WMT_MX' \
--header "accept: application/json" \
--header "WM_SEC.AUTH_SIGNATURE: ***********" \
--header 'WM_SEC.KEY_VERSION: 1' \
--header "WM_CONSUMER.ID: adfwe-v23-faasd2r-afs-asdfqeff" \
--header "WM_CONSUMER.intimestamp: 1565309779" \
--header "Content-Type: application/json"\
--data '{
     "advertiserId": "600000",
     "auditRequests":
     [
      {
        "entityType": "keyword",
        "entityIds": [600001, 600003],
        "fromDate": "2020-07-03",
        "toDate": "2020-07-04"
      }
     ],
     "format": "gzip"
    }'
```

Sample Responses for Create Audit Snapshot

Response

Element	Description	Type
code	The response code can have following values:***success***, ***failure***	string
details	Details of the error if value of response code is failure	string
snapshotId	ID of the snapshot	string
jobStatus	It is an indicator to confirm status of snapshot generation. The possible values of jobStatus are: ***pending***, ***processing***, ***done***, ***failed***, ***expired***	string

Sample Response

```
[
  {
    "code": "success",
```

```
    "snapshotId": "12",
    "details": "",
    "jobStatus ": "pending"
  }
]
```

Rate limits on API operations

There is a rate limit in place on the allowed number of API operations per hour.

Operations per hour are computed as the sum of number of changes requested across all API requests during the hour.

For example, 5 keyword bid changes, creation of an ad group, adding an item, and a snapshot report request in any given hour, would be counted as 8 operations.

You will receive an HTTP 429 status error code and an error message about rule enforced in case of breaking ops limit.

To learn more about current applicable limits specific to your integration, please reach out to the API Partner Enablement team.