

## Overview

Use the insight snapshot API to generate Advertiser Attributes report for all advertisers mapped to the API partner. The report supports insightType "advertiserAttributes". Insight type "advertiserAttributesV2" is currently not supported for international markets.

## Create Advertiser Attributes Snapshot

**Description:** You can create file-based snapshot containing attributes for all advertisers mapped to the API partner using this method.

URL: POST/api/v1/snapshot/insight

### Request Parameters

Parameter	Description	Type	Required	Possible Values
insightType	The type of insight report requested	string	Y	advertiserAttributes  Note: advertiserAttributesV2 is not available for CA and MX
format	Format of the downloadable file	string	Y	zip, gzip

### Headers:

Parameter	Description	Required	Possible Values
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<p>Authorization</p>	<p>The token will provide you the access to the API. It is same for all advertisers you access through the API.</p>	<p>Y</p>	<p>Please utilize the generated auth_token shared with you at the time of partner onboarding from the Getting Started Guide</p>
<p>WM_CONSUMER.ID</p>	<p>We will provide you the consumer ID to access the API. It is same for all advertisers you access through the API.</p>	<p>Y</p>	<p>Please use the generated ConsumerId shared with you at the time of partner onboarding. Refer to the Getting Started Guide for more information</p>
<p>WM_SEC.AUTH_SIGNATURE</p>	<p>Auth signature as an API key.</p>	<p>Y</p>	<p>Use the signature generator code from Getting Started Guide to generate this value</p>



WM_SEC.KEY_VERSION	We will provide you with the KEY VERSION to access the API. It is same for all advertisers you access through the API.	Y	1
WM_CONSUMER.intimestamp	Timestamp for which the auth signature is generated. Use Unix epoch format for the timestamp.	Y	Use the signature generator code from Getting Started Guide to generate this value
wap-tenant-id	Tenant ID for the market-tenant	Y	For MX: WMT_MX, SAMS_MX, WMT_BD, WBD_OD  For CA: WMT_CA

## Sample Requests for Create Snapshot Reports

### Sample Request 1



```
curl -X POST \  
'https://developer.api.stg.walmart.com/api-proxy/service/WAP/Api/v1/api/v1/snapshot/insight' \  
--header 'Authorization: Bearer <auth_token>' \  
--header 'accept: application/json' \  
--header 'WM_SEC.AUTH_SIGNATURE: *****' \  
--header 'WM_SEC.KEY_VERSION: 1' \  
--header 'wap-tenant-id: WMT_MX' \  
--header 'WM_CONSUMER.ID: <consumer_id>' \  
--header 'WM_CONSUMER.intimestamp: 1565309779' \  
--data '{  
  "insightType": "advertiserAttributes",  
  "format": "zip"  
}'
```

## Sample Request 2

```
curl -X POST \  
'https://developer.api.stg.walmart.com/api-proxy/service/WAPCA/Api/v1/api/v1/snapshot/insight' \  
--header 'Authorization: Bearer <auth_token>' \  
--header 'accept: application/json' \  
--header 'WM_SEC.AUTH_SIGNATURE: *****' \  
--header 'WM_SEC.KEY_VERSION: 1' \  
--header 'wap-tenant-id: WMT_CA' \  
--header 'WM_CONSUMER.ID: <consumer_id>' \  
--header 'WM_CONSUMER.intimestamp: 1565309779' \  
--data '{  
  "insightType": "advertiserAttributesV2",  
  "format": "zip"  
}'
```



# Sample Responses for Create Snapshot Requests

## 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 1

```
{
  "code": "success",
  "snapshotId": "10",
  "details": "",
  "jobStatus": "pending"
}
```

### Sample Response 2

```
{
  "code": "processing",
  "snapshotId": "2",
  "details": "",
  "jobStatus": "pending"
}
```



## Retrieve Snapshot Reports

**Description:** You can retrieve report snapshots 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 will be in JSON format.

### 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 more information
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 API. It is same for all advertisers you access through the API.	Y	1



WM_CONSUMER.intimestamp	Timestamp for which the auth signature is generated. Use Unix epoch format for the timestamp.	Y	Use the signature generator code from Getting Started Guide to generate this value
wap-tenant-id	Tenant ID for the market-tenant	Y	For MX: WMT_MX, SAMS_MX, WMT_BD, WBD_OD  For CA: WMT_CA

### 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 'accept: application/json' \
--header 'wap-tenant-id: WMT_MX' \
--header 'Authorization: Bearer <auth_token>' \
--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

**Note:**

- TTL (Time to Live) for files generated is one day

If you want to retrieve keyword report based on the response for Create Report Request (Sample Response 1)

**Sample Response 1**

```
[
  {
    "code": "success",
    "snapshotId": "10",
    "details": "https://advertising.walmart.com/mx/file/10",
    "jobStatus": "done"
  }
]
```

**Example of the content of snapshot with id "10". The file format is "JSON":**

```
[
  {
    "advertiserId": 121,
    "advertiserName": "TEST ADVERTISERS 1",
    "advertiserType": "1p",
    "accountSpendLimitReached": "N/A",
    "sellerName": null,
    "sellerId": 0,
    "apiAccessType": "read",
    "accessGrantTimestamp": " 2018-04-01T15:20:15Z",
    "reportDate": "2022-10-06"
  },
  {
    "advertiserId": 122,
    "advertiserName": "TEST ADVERTISERS 2",
    "advertiserType": "3p",
    "accountSpendLimitReached": "1",
    "sellerName": "TEST SELLER 2",
    "sellerId": 132,
    "apiAccessType": "write",
    "accessGrantTimestamp": " 2018-04-01T15:20:15Z",
  }
]
```



```
"reportDate": "2022-10-06"
}
]
```

### Sample Response 2

```
[
{
  "code"      : "success",
  "snapshotId" : "2",
  "details"   : "https://advertising.walmart.com/file/1 ",
  "jobStatus" : "done"
}
]
```

**Example of the content of snapshot with id "2". The file format is "json":**

```
{
  "advertiserID": 564,
  "advertiserName": "TEST ADVERTISERS 1",
  "advertiserType": "3p",
  "sellerName": "TEST SELLER 1",
  "sellerId": 131,
  "approvedBrandNames": ["brand1"],
  "organizationID": 1456,
  "organizationName": "Organization 1",
  "accountSpendLimitReached": "0",
  "advertiserAccess": [
    {
      "permissionType": "Edit",
      "resourceGroupName": "REPORTING",
      "grantTimestamp": "2024-03-03 00:00:00"
    },
    {
      "permissionType": "View only",
      "resourceGroupName": "CAMPAIGN_MANAGER",
      "grantTimestamp": "2024-03-03 00:00:00"
    },
    {
      "permissionType": "Edit",
      "resourceGroupName": "CREATIVE_HUB",
      "grantTimestamp": "2024-03-03 00:00:00"
    }
  ],
  "reportDate": "2024-03-12"
},
```



```
{
  "advertiserID": 740,
  "advertiserName": "TEST ADVERTISERS 2",
  "advertiserType": "3p",
  "sellerName": "TEST SELLER 1",
  "sellerId": 131,
  "accountSpendLimitReached": "0",
  "approvedBrandNames": ["brand2", "brand3"]
  "advertiserAccess": [
    {
      "permissionType": "View only",
      "resourceGroupName": "REPORTING",
      "grantTimestamp": "2024-03-03 00:00:00"
    }
  ]
  "organizationId": 1456
  "organizationName": "Organization 2"
  "reportDate": "2024-03-12"
},
{
  "advertiserID": 800,
  "advertiserName": "TEST ADVERTISERS 3",
  "advertiserType": "1p",
  "sellerName": null,
  "sellerId": 0,
  "accountSpendLimitReached": "N/A",
  "approvedBrandNames": []
  "advertiserAccess": [
    {
      "permissionType": "View only",
      "resourceGroupName": "REPORTING",
      "grantTimestamp": "2024-03-03 00:00:00"
    }
  ]
  "organizationId": 1459
  "organizationName": "Organization 3"
  "reportDate": "2024-03-12"
}
]
```

## Definition of Various Parameters Generated Across the Advertiser Attributes Snapshot Reports

***Please refer to below tables for different parameters available for "advertiserAttributes" insightType.***



Element	Description	Type
accessGrantTimeStamp	Date timestamp for when access was granted	date-time
accountSpendLimitReached	Value for 3p advertisers: <ul style="list-style-type: none"> <li>• 1 for reached/exceeded</li> <li>• 0 for within limit</li> </ul> Value for 1p advertisers: N/A	string
advertiserId	ID of the advertiser	integer
advertiserName	Name of the advertiser	string
advertiserType	Type of advertiser. Possible values are: 1p,3p	string
apiAccessType	Read or Write API access for given advertiser	string
reportDate	Specific date when report is pulled	date
sellerId	ID of the seller for advertiser type 3p	integer
sellerName	Name of the seller for advertiser type 3p	string

## 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.