Cisco Connected Mobile Experiences REST API Guide, Release 10.2

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Audience

This document is for network administrators who configure Cisco Connected Mobile Experiences (Cisco CMX) services.

Conventions

This document uses the following conventions:

Table 1: Conventions

Convention	Indication
bold font	Commands and keywords and user-entered text appear in **bold** font.
italic font	Document titles, new or emphasized terms, and arguments for which you supply values are in *italic* font.
[ ]	Elements in square brackets are optional.
{x	y	z }	Required alternative keywords are grouped in braces and separated by vertical bars.
[x	y	z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.
`courier` font	Terminal sessions and information the system displays appear in `courier` font.

Convention	Indication
<>	Nonprinting characters such as passwords are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.

Note   Means reader take note. Notes contain helpful suggestions or references to material not covered in the manual.

Tip   Means the following information will help you solve a problem.

Caution   Means reader be careful. In this situation, you might perform an action that could result in equipment damage or loss of data.

Related Documentation

For more information about Cisco Mobility Services Engine and related products, see:

http://www.cisco.com/c/en/us/support/wireless/mobility-services-engine/tsd-products-support-series-h

For more information about Cisco Connected Mobile Experiences (Cisco CMX), see:

http://www.cisco.com/c/en/us/solutions/enterprise-networks/connected-mobile-experiences/index.html

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see What's New in Cisco Product Documentation.

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the What's New in Cisco Product Documentation RSS feed. RSS feeds are a free service.

Analytics

GET: Summary of Count of SMA

Description

Retrieve the summary of Social Media Analytics (SMA) count with the details of the Summary types: POSITIVES, NEGATIVES, PHOTOS, NEUTRAL, TOTAL, REPOSTS.

HTTP Method

GET

Resource URI

/api/analytics/v1/sma/summarycounts

Requires OAuth

N

Parameters

Table 2: Parameter Details

Name	Required	Default	Type	Location	Description
location	Y	—	String	query	Location IDs for Social Media Analytics. Allowed values or formats include the location IDs of buildings or campuses.
dailyHours	Y	—	String	query	Hours of a day, specified as a predefined name. Allowed values/formats: • morning hours • business hours • evening hours • all day

Name	Required	Default	Type	Location	Description
period	Y	—	String	query	The period of interest specified as one of the predefined names: Allowed values or formats: • today • yesterday • this week • last week • last 2 weeks • last month • this month • last 3 months • this year • last year

Content Type

application or json

GET: Details of SMA Count with Summary Type

Description

Retrieve the detailed summary count of SMA with the details of the Summary types: POSITIVES, NEGATIVES, PHOTOS, NEUTRAL, TOTAL, REPOSTS.

HTTP Method

GET

Resource URI

/api/analytics/v1/sma/detailsummarycounts

Requires OAuth

N

Parameters

Table 3: Parameter Details

Name	Required	Default	Type	Location	Description
location	Y	—	String	query	Location IDs for Social Media Analytics. Allowed values or formats: Location IDs of buildings or campuses.
dailyHours	Y	—	String	query	Hours of a day, specified by predefined names. Allowed values or formats: • morning hours • business hours • evening hours • all day

Name	Required	Default	Type	Location	Description
period	Y	—	String	query	The period of interest, specified one of the predefined names. Allowed values or formats: • today • yesterday • this week • last week • last 2 weeks • last month • this month • last 3 months • this year • last year
summaryType	Y	—	String	query	The summary type of interest, specified one of the predefined names. Allowed values or formats: • positives • negatives • reposts • photos • neutral • total

Content Type

application/json

GET: All Summary Count of SMA with Hashtags

Description

Retrieve the entire summary counts of SMA with detailed Summary type: POSITIVES, NEGATIVES, PHOTOS, NEUTRAL, TOTAL, REPOSTS.

HTTP Method

GET

Resource URI

/api/analytics/v1/sma/hashtags

Requires OAuth

N

Parameters

Table 4: Parameter Details

Name	Required	Default	Type	Location	Description
location	Y	—	String	query	Location IDs for Social Media Analytics. Allowed values or formats: Location IDs of buildings or campuses.
period	Y	—	String	query	The period of interest, specified one of the predefined names. Allowed values or formats: • today • yesterday • this week • last week • last 2 weeks • last month • this month • last 3 months • this year • last year

Content Type

application/json

POST: Breakdown of Dwell Times Spent by Devices for a Given Period and Areas

Description

The only parameter (body) is a JSON array containing the parameters. The parameters are described below:

Table 5: Parameter Details

JSON Array Parameter	Description	Allowable Values/Formats
granularity	The desired granularity.	• hourly • daily • weekly • monthly • yearly • tag • tag-name • heterarchy level. One can limit to top *n* results (that is, the *n* values with highest count) by adding *[n]*, or the *n* bottom results by adding *[n]*

JSON Array Parameter	Description	Allowable Values/Formats
period	The period of interest, specified as either a date range, or one of the predefined names.	• yyyy-mm-dd • yyyy-mm-dd;yyyy-mm-dd • today • yesterday • this week • last week • last 2 weeks • this month • last month • last 3 months • this year • last year • forever
timeRange	The time window of interest on each day. If the value "now" is given, the granularity can only be a tag name or heterarchy level .	• HH:mm-HH:mm • now
aggregate	Aggregate the dwell time by granularity, for example, showing the total dwell time for each day of the week, instead of individual dates.	• none • sum • avg
areas	The list of areas of interest. If none are provided, all are considered.	A comma-separated list of area IDs, or hierarchy levels.
durationCategories	Whether to break down the dwell time between certain ranges of dwell time .	A comma-separated list of nn-mm entries, where *nn* is the lower limit (in minutes) of dwell time that is considered and *mm* the upper limit.
includeStationary	Whether to include stationary devices (default=false).	• true • false
connectionState	Whether to restrict connection to either connected or detected devices (default=all).	• connected • detected • all

JSON Array Parameter	Description	Allowable Values/Formats
percentageOf	If set this parameter, does not report absolute numbers, only relative percentage.	Heirarchy level
dwellLimits	The dwell time limit that specifies how dwellers should be grouped together. Pass -1 to catch all. Example: Light: 100, Medium: 200, Heavy:-1.	• default • minute • comma separated limit label:limit value
areaFilter	If set this parameter, restricts the results to areas matching the filter. Use descendantOf to restrict the area selection. This option is used for drill-down reports. Use 'subsetOf' to restrict the granularity. This option is used with tag granularity. For example: descendantOf: Campus C1 has Building B1 which zone Z1 and Z2 Campus C2 has Building B2 which zone Z3 query area=Z1,Z2,Z3 and granularity=Building and areaFilter=descendantOf:C1 will return only Building B1 For example: subsetOf: Tag T1,T2 assigned to F1, T2,T3 to F2, T3,T4 to F3 query area=F1,F2,F3 and granularity=tag and areaFilter=subsetOf:T1,T2 will return only T1,T2.	• descendantOf • subsetOf:comma separated ids
expandAll	Include all the elements descendants in the result.	• true • false

HTTP Method

POST

Resource URI

/api/analytics/v1/dwellBreakdown

Requires OAuth

N

Parameters

Table 6: Parameter Details

Name	Required	Default	Type	Location	Description
body	Y	—	JSON array	body	JSON array containing parameters.

Content Type

application/json

POST: Paths for a Given Period and Areas

Description

The only parameter (body) is a JSON array containing the parameters. The parameters are described below:

Table 7: Parameter Details

JSON array parameter	Description	Allowable values/formats
period	The period of interest, either specified as a date range, or one of the predefined names	• yyyy-mm-dd • yyyy-mm-dd;yyyy-mm-dd • today • yesterday • this week • last week • last 2 weeks • this month • last month • last 3 months • this year • last year • forever
timeRange	The time window of interest on each day. If "now" is given, the granularity can only be a tag name or heterarchy level	• HH:mm-HH:mm • now
targetArea	The id of the target area for the paths.	The ID of the target area for the paths.
allAreas	The list of areas of interest.	A comma-separated list of area IDs
granularity	The desired geographical granularity. This will replace the areas listed in 'allAreas' withtheir progeny on the appropriate level.	Heirarchy level
durationCategories	Filter devices to a duration category time interval for target and all areas	Time in the form nn-mm where nn is the lower bound (in minutes) and mm the upper bound.

HTTP Method

POST

Resource URI

/api/analytics/v1/path

Requires OAuth

N

Parameters

Table 8: Parameter Details

Name	Required	Default	Type	Location	Description
body	Y	—	JSON array	body	JSON array containing parameters.

Content Type

application/json

POST: Retrieve a Breakdown of Manufacturers for a Given Period and Areas

Description

The only parameter (body) is a JSON array containing the parameters. The parameters are described below

Table 9: Parameter Details

JSON array parameter	Description	Allowable values/formats
granularity	The desired granularity. One can limit to top n results (i.e. the n values with highest count) by adding "[n]", or the n bottom results by adding "[-n]". If granularity null is specified, all heterarchy types covered by the areas are returned.	• hourly • daily • weekly • monthly • yearly • tag • tag-name • heterarchy level • null
period	The period of interest, either specified as a date range, or one of the predefined names	• yyyy-mm-dd • yyyy-mm-dd;yyyy-mm-dd • today • yesterday • this week • last week • last 2 weeks • this month • last month • last 3 months • this year • last year • forever

JSON array parameter	Description	Allowable values/formats
yAxis	Whether individual visits should be reported on, or summed by device (default is to return devices)	• absoluteDevices • absoluteVisits
timeRange	The time window of interest on each day. If "now" is given, the granularity can only be a tag name or heterarchy level	• HH:mm-HH:mm • now
aggregate	Whether to aggregate the dwell time by granularity; e.g. showing a total for each day of the week, instead of individual dates	• none • sum • avg
areas	The list of areas of interest. If none are given, all are considered	A comma-separated list of area ids, or heterarchy levels
durationCategories	Whether to break down the dwell time between certain ranges of dwell time	A comma-separate list of nn-mm entries where nn is the lower bound (in minutes) of dwell time considered and mm the upper bound.
includeStationary	Whether to include stationary devices (default=false)	• none • sum • avg
connectionState	Whether to restrict to either connected or detected devices (default=all)	• connected • detected • all
percentageOf	If set, does not report absolute numbers, but relative percentage	heterarchy level

JSON array parameter	Description	Allowable values/formats
areaFilter	If set, restricts the results to areas matching the filter. Use 'descendantOf' to restrict the area selection. This option is used for drill down reports. Use 'subsetOf' to restrict the granularity. This option is used with tag granularity. For example: descendantOf: Campus C1 has Building B1 which zone Z1 and Z2 Campus C2 has Building B2 which zone Z3 query area=Z1,Z2,Z3 and granularity=Building and areaFilter=descendantOf:C1 will return only Building B1. For example: subsetOf: Tag T1,T2 assigned to F1, T2,T3 to F2, T3,T4 to F3 query area=F1,F2,F3 and granularity=tag and areaFilter=subsetOf:T1,T2 will return only T1,T2.	• descendantOf • subsetOf:comma separated ids
expandAll	Include all of the elements descendants in the result	• true • false

HTTP Method

POST

Resource URI

/api/analytics/v1/manufacturers

Requires OAuth

N

Parameters

Table 10: Parameter Details

Name	Required	Default	Type	Location	Description
body	Y	—	JSON array	body	JSON array containing parameters.

Content Type

application/json

GET: All summary KPI

Description

This API retrieves all summary of KPI.

HTTP Method

GET

Resource URI

/api/analytics/v1/summary

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Specific set of Summary KPIs or a list of available ones

Description

This API retrieves a specific set of summary KPIs or a list of available ones.

HTTP Method

GET

Resource URI

/api/analytics/v1/summary/:summaryItem

Requires OAuth

N

Parameters

Table 11: Parameter Details

Name	Required	Default	Type	Location	Description
summaryItem	Y	—	String	pathReplace	A comma-separated list of summary KPI to return, or 'availableMetrics' to see the list of metrics available.

Content Type

application/json

POST: Breakdown of Connected and Detected Devices for a Given Period and Areas

Description

The only parameter (body) is a JSON array containing the parameters. The parameters are described below

Table 12: Parameter Details

JSON array parameter	Description	Allowable values/formats
granularity	The desired granularity. One can limit to top n results (i.e. the n values with highest count) by adding "[n]", or the n bottom results by adding "[-n]". If granularity null is specified, all heterarchy types covered by the areas are returned.	• hourly • daily • weekly • monthly • yearly • tag • tag-name • heterarchy level • null
period	The period of interest, either specified as a date range, or one of the predefined names	• yyyy-mm-dd • yyyy-mm-dd;yyyy-mm-dd • today • yesterday • this week • last week • last 2 weeks • this month • last month • last 3 months • this year • last year • forever

JSON array parameter	Description	Allowable values/formats
timeRange	The time window of interest on each day. If "now" is given, the granularity can only be a tag name or heterarchy level	• HH:mm-HH:mm • now
aggregate	Whether to aggregate the dwell time by granularity; e.g. showing a total for each day of the week, instead of individual dates	• none • sum • avg
areas	The list of areas of interest. If none are given, all are considered	A comma-separated list of area ids, or heterarchy levels
durationCategories	Whether to break down the dwell time between certain ranges of dwell time	A comma-separate list of nn-mm entries where nn is the lower bound (in minutes) of dwell time considered and mm the upper bound.
includeStationary	Whether to include stationary devices (default=false)	• true • false
percentageOf	If set, does not report absolute numbers, but relative percentage	Heterarchy level
areaFilter	If set, restricts the results to areas matching the filter. Use 'descendantOf' to restrict the area selection. This option is used for drill down reports. Use 'subsetOf' to restrict the granularity. This option is used with tag granularity. For example: descendantOf: Campus C1 has Building B1 which zone Z1 and Z2 Campus C2 has Building B2 which zone Z3 query area=Z1,Z2,Z3 and granularity=Building and areaFilter=descendantOf:C1 will return only Building B1 For example: subsetOf: Tag T1,T2 assigned to F1, T2,T3 to F2, T3,T4 to F3 query area=F1,F2,F3 and granularity=tag and areaFilter=subsetOf:T1,T2 will return only T1,T2.	• descendantOf • subsetOf:comma separated ids

JSON array parameter	Description	Allowable values/formats
expandAll	Include all of the elements descendants in the result	• true • false

HTTP Method

POST

Resource URI

/api/analytics/v1/connectedDetected

Requires OAuth

N

Parameters

Table 13: Parameter Details

Name	Required	Default	Type	Location	Description
body	Y	—	JSON array	body	JSON array containing parameters.

Content Type

application/json

GET: Alerts for Device Count for a single Heterarchy Element and Time Frame

Description

This API retrieves a list of notification events which matched device count rules for the given element and time frame.

HTTP Method

GET

Resource URI

/api/analytics/v1/notifications/deviceCount/:elementId/:timeFrame

Requires OAuth

N

Parameters

Table 14: Parameter Details

Name	Required	Default	Type	Location	Description
elementId	N	—	String	pathReplace	Numeric ID of the heterarchy element.
timeFrame	N	—	String	pathReplace	Number of minutes which defines the timeframe window. For example, timeFrame=60 will retrieve notification alerts for the last hour.

Content Type

application/json

GET: Alerts for Device Count for a single Heterarchy Element

Description

Retrieves a list of notification events which matched device count rules for the given element.

HTTP Method

GET

Resource URI

/api/analytics/v1/notifications/deviceCount/:elementId

Requires OAuth

N

Parameters

Table 15: Parameter Details

Name	Required	Default	Type	Location	Description
elementId	N	—	String	pathReplace	Numeric ID of the heterarchy element.

Content Type

application/json

GET: Retrieves Alerts for Device Count

Description

Retrieves a list of notification events which matched device count rules.

HTTP Method

GET

Resource URI

/api/analytics/v1/notifications/deviceCount

Requires OAuth

N

Parameters

None.

Content Type

application/json

POST: Queue Time for a Given Period and Areas

Description

The only parameter (body) is a JSON array containing the parameters. The parameters are described below

Table 16: Parameter Details

JSON array parameter	Description	Allowable values/formats
period	The period of interest, either specified as a date range, or one of the predefined names	• yyyy-mm-dd • yyyy-mm-dd;yyyy-mm-dd • today • yesterday • this week • last week • last 2 weeks • this month • last month • last 3 months • this year • last year • tag • heterarchy level
timeRange	The time window of interest on each day. If "now" is given, the granularity can only be a tag name or heterarchy level	• HH:mm-HH:mm • now
	The area where the queue is considered to have started. Only zones are supported.	The ID of the area

JSON array parameter	Description	Allowable values/formats
granularity	The desired granularity.	• fifteen min • hourly • daily • weekly • monthly • yearly
areaFilter	If set, restricts the results to areas matching the filter. Use 'descendantOf' to restrict the area selection. This option is used for drill down reports. Use 'subsetOf' to restrict the granularity. This option is used with tag granularity. For example: descendantOf: Campus C1 has Building B1 which zone Z1 and Z2 Campus C2 has Building B2 which zone Z3 query area=Z1,Z2,Z3 and granularity=Building and areaFilter=descendantOf:C1 will return only Building B1 For example: subsetOf: Tag T1,T2 assigned to F1, T2,T3 to F2, T3,T4 to F3 query area=F1,F2,F3 and granularity=tag and areaFilter=subsetOf:T1,T2 will return only T1,T2.	• descendantOf • subsetOf:comma separated ids
	Include all of the elements descendants in the result	• true • false
	Whether to break down the dwell time between certain ranges of dwell time	A comma-separate list of nn-mm entries where nn is the lower bound (in minutes) of dwell time considered and mm the upper bound.

HTTP Method

POST

Resource URI

/api/analytics/v1/queue

Requires OAuth

N

Parameters

Table 17: Parameter Details

Name	Required	Default	Type	Location	Description
body	Y	—	JSON array	body	JSON array containing parameters.

Content Type

application/json

POST: Overview Data for Target Areas for Brochure View

Description

The only parameter (body) is a JSON array containing the parameters. The parameters are described below

Table 18: Parameter Details

JSON array parameter	Description	Allowable values/formats
type	The type of data requested	• deviceCount • deviceDwell • grossShopping • deviceCrossover • connectedDetected • dwellBreakdown
period	The period of interest, either specified as a date range, or one of the predefined names	• yyyy-mm-dd • yyyy-mm-dd;yyyy-mm-dd • today • yesterday • this week • last week • last 2 weeks • this month • last month • last 3 months • this year • last year • forever
timeRange	The time window of interest on each day	• HH:mm-HH:mm • now
areas	The list of areas of interest. If none are given, all are considered	A comma-separated list of area ids, or heterarchy levels

JSON array parameter	Description	Allowable values/formats
durationCategories	Whether to break down the count between certain ranges of dwell time	nn-mm, where nn is the lower bound (in minutes) of dwell time considered and mm the upper bound.
includeStationary	Whether to include stationary devices (default=false)	• true • false
entirePeriod	Whether to include device visits that occur any time during the entire period or only within a single day (default=false). Applicable only to crossover; ignored for the other metrics.	• true • false
connectionState	Whether to restrict to either connected or detected devices (default=all). For Connected/Detected metric, this setting is ignored, and "all" is presumed	• connected • detected • all
percentageOf	If set, does not report absolute numbers, but relative percentage. Ignored for Crossover report	Heterarchy level
dwellLimits	The dwell time limits that specifies how dwellers should be grouped together. Pass -1 to catch all.Example: Light:100,Medium:200,Heavy:-1.	• default • comma separated limit label:limit value

HTTP Method

POST

Resource URI

/api/analytics/v1/overview

Requires OAuth

N

Parameters

Table 19: Parameter Details

Name	Required	Default	Type	Location	Description
body	Y	—	JSON array	body	JSON array containing parameters

Content Type

application/json

POST: Dwell Time for a Given Period and Areas

Description

The only parameter is a JSON array containing the parameters. The parameters are described below

Table 20: Parameter Details

JSON array parameter	Description	Allowable values/formats
granularity	The desired granularity. One can limit to top n results (i.e. the n values with highest count) by adding "[n]", or the n bottom results by adding "[-n]". If granularity null is specified, all heterarchy types covered by the areas are returned.	• hourly • daily • weekly • monthly • yearly • tag • tag-name • heterarchy level • null
period	The period of interest, either specified as a date range, or one of the predefined names	• yyyy-mm-dd • yyyy-mm-dd;yyyy-mm-dd • today • yesterday • this week • last week • last 2 weeks • this month • last month • last 3 months • this year • last year • forever

JSON array parameter	Description	Allowable values/formats
timeRange	The time window of interest on each day	• HH:mm-HH:mm • now
aggregate	Whether to aggregate the dwell time by granularity; e.g. showing a total for each day of the week, instead of individual dates	• none • sum • avg
areas	The list of areas of interest. If none are given, all are considered	A comma-separated list of area ids, or heterarchy levels
durationCategories	Whether to break down the dwell time between certain ranges of dwell time	A comma-separate list of nn-mm entries where nn is the lower bound (in minutes) of dwell time considered and mm the upper bound.
includeStationary	Whether to include stationary devices	• true • false
connectionState	Whether to restrict to either connected or detected devices (default=all)	• connected • detected • all
percentageOf	If set, does not report absolute numbers, but relative percentage	Heterarchy level

JSON array parameter	Description	Allowable values/formats
areaFilter	If set, restricts the results to areas matching the filter. Use 'descendantOf' to restrict the area selection. This option is used for drill down reports. Use 'subsetOf' to restrict the granularity. This option is used with tag granularity. For example: descendantOf: Campus C1 has Building B1 which zone Z1 and Z2 Campus C2 has Building B2 which zone Z3 query area=Z1,Z2,Z3 and granularity=Building and areaFilter=descendantOf:C1 will return only Building B1 For example: subsetOf: Tag T1,T2 assigned to F1, T2,T3 to F2, T3,T4 to F3 query area=F1,F2,F3 and granularity=tag and areaFilter=subsetOf:T1,T2 will return only T1,T2.	• descendantOf • subsetOf:comma separated ids
expandAll	Include all of the elements descendants in the result	• true • false

HTTP Method

POST

Resource URI

/api/analytics/v1/deviceDwell

Requires OAuth

N

Parameters

Table 21: Parameter Details

Name	Required	Default	Type	Location	Description
body	Y	—	JSON array	body	JSON array containing parameters.

Content Type

application/json

POST: Device Count for a Given Period and Areas

Description

The only parameter (body) is a JSON array containing the parameters. The parameters are described below

Table 22: Parameter Details

JSON array parameter	Description	Allowable values/formats
granularity	The desired granularity. One can limit to top n results (i.e. the n values with highest count) by adding "[n]", or the n bottom results by adding "[-n]". If granularity null is specified, all heterarchy types covered by the areas are returned.	• hourly • daily • weekly • monthly • yearly • tag • tag-name • heterarchy level • null
period	The period of interest, either specified as a date range, or one of the predefined names	• yyyy-mm-dd • yyyy-mm-dd;yyyy-mm-dd • today • yesterday • this week • last week • last 2 weeks • this month • last month • last 3 months • this year • last year • forever

JSON array parameter	Description	Allowable values/formats
timeRange	The time window of interest on each day. If "now" is given, the granularity can only be a tag name or heterarchy level	• HH:mm-HH:mm • now
aggregate	Whether to aggregate the dwell time by granularity; e.g. showing a total for each day of the week, instead of individual dates	• none • sum • avg
areas	The list of areas of interest. If none are given, all are considered	A comma-separated list of area ids, or heterarchy levels
durationCategories	Whether to break down the dwell time between certain ranges of dwell time	A comma-separate list of nn-mm entries where nn is the lower bound (in minutes) of dwell time considered and mm the upper bound.
includeStationary	Whether to include stationary devices (default=false)	• true • false
connectionState	Whether to restrict to either connected or detected devices (default=all)	• connected • detected • all
percentageOf	If set, does not report absolute numbers, but relative percentage	Heterarchy level

JSON array parameter	Description	Allowable values/formats
areaFilter	If set, restricts the results to areas matching the filter. Use 'descendantOf' to restrict the area selection. This option is used for drill down reports. Use 'subsetOf' to restrict the granularity. This option is used with tag granularity. For example: descendantOf: Campus C1 has Building B1 which zone Z1 and Z2 Campus C2 has Building B2 which zone Z3 query area=Z1,Z2,Z3 and granularity=Building and areaFilter=descendantOf:C1 will return only Building B1 For example: subsetOf: Tag T1,T2 assigned to F1, T2,T3 to F2, T3,T4 to F3 query area=F1,F2,F3 and granularity=tag and areaFilter=subsetOf:T1,T2 will return only T1,T2.	• descendantOf • subsetOf:comma separated ids
expandAll	Include all of the elements descendants in the result	• true • false

HTTP Method

POST

Resource URI

/api/analytics/v1/deviceCount

Requires OAuth

N

Parameters

Table 23: Parameter Details

Name	Required	Default	Type	Location	Description
body	Y	—	JSON array	body	JSON array containing parameters

Content Type

application/json

Configuration

GET: Get Supported Northbound Notifications

Description

This API returns all supported notrhbound notification types and applicable attributes for the notification rules.

HTTP Method

GET

Resource URI

/api/configuration/v1/attributes

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Current CMX Image Version

Description

This API returns the current version of the CMX Image.

HTTP Method

GET

Resource URI

/api/config/v1/version/image

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Count of Active Alerts

Description

This API returns count of active alerts.

HTTP Method

GET

Resource URI

/api/config/v1/alerts/count

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: All Alerts

Description

This API returns all active alerts.

HTTP Method

GET

Resource URI

/api/config/v1/alerts

Requires OAuth

N

Parameters

None.

Content Type

application/json

POST: Add Role to User

Description

This API adds a role to a user.

HTTP Method

POST

Resource URI

/api/config/v1/aaa/users/:username/role/:rolename

Requires OAuth

N

Parameters

Table 24: Parameter Details

Name	Required	Default	Type	Location	Description
username	Y	—	String	pathReplace	Username of the user.
rolename	Y	—	String	pathReplace	Role name to be added to the user.

Content Type

application/json

DELETE: Role from User

Description

Remove role from a user.

HTTP Method

DELETE

Resource URI

/api/config/v1/aaa/users/:username/role/:rolename

Requires OAuth

N

Parameters

Table 25: Parameter Details

Name	Required	Default	Type	Location	Description
username	Y	—	String	pathReplace	Username of user.
rolename	Y	—	String	pathReplace	Role name that needs to be deleted from this user.

Content Type

application/json

GET: All Users in the System

Description

This API gets the details of all users in the system.

HTTP Method

GET

Resource URI

/api/config/v1/aaa/users

Requires OAuth

N

Parameters

None.

Content Type

application/json

POST: Create a User

Description

This API enables you to create a user.

HTTP Method

POST

Resource URI

/api/config/v1/aaa/users

Requires OAuth

N

Parameters

Table 26: Parameter Details

Name	Required	Default	Type	Location	Description
___username	Y	—	string	body	Username of the user.
password	Y	—	string	body	Password of the user.
firstname	N	—	string	body	First name of the user.
lastname	N	—	string	body	Last name of the user.
roles	N	—	text	body	Roles for this user.
developerkey	N	—	string	body	CMX API Developer Key.
lastlogin	N	—	text	body	User's last login.

Content Type

application/json

POST: Modify User

Description

This API modifies the attributes of a user.

HTTP Method

POST

Resource URI

/api/config/v1/aaa/users/:username

Requires OAuth

N

Parameters

Table 27: Parameter Details

Name	Required	Default	Type	Location	Description
username	Y	—	String	pathReplace	Username name of the user
___username	Y	—	string	body	Username of the user.
password	Y	—	string	body	Password of the user.
firstname	N	—	string	body	First name of the user.
lastname	N	—	string	body	Last name of the user.
roles	N	—	text	body	Roles assigned to this user.
developerkey	N	—	string	body	CMX API Developer Key.
lastlogin	N	—	text	body	User's Last Login.

Content Type

application/json

GET: User by Username

Description

This API retrives user by username.

HTTP Method

GET

Resource URI

/api/config/v1/aaa/users/:username

Requires OAuth

N

Parameters

Table 28: Parameter Details

Name	Required	Default	Type	Location	Description
username	Y	—	String	pathReplace	Username

Content Type

application/json

DELETE: User by Username

Description

This API deletes a user.

HTTP Method

DELETE

Resource URI

/api/config/v1/aaa/users/:username

Requires OAuth

N

Parameters

Table 29: Parameter Details

Name	Required	Default	Type	Location	Description
username	Y	—	String	pathReplace	Username.

Content Type

application/json

GET: All Roles

Description

This API gets all roles.

HTTP Method

GET

Resource URI

/api/config/v1/aaa/roles

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: All Campuses

Description

This API gets information about all campuses.

HTTP Method

GET

Resource URI

/api/config/v1/campuses

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Campus by Name

Description

This API returns a campus by name.

HTTP Method

GET

Resource URI

/api/config/v1/campuses/:name

Requires OAuth

N

Parameters

Table 30: Parameter Details

Name	Required	Default	Type	Location	Description
name	Y	—	String	pathReplace	Campus Name .

Content Type

application/json

PUT: Add Campus

Description

This API enables you to add a campus.

HTTP Method

PUT

Resource URI

/api/config/v1/campuses

Requires OAuth

N

Parameters

Table 31: Parameter Details

Name	Required	Default	Type	Location	Description
objectVersion	N	—	number	body	objectVersion
name	Y	—	string	body	Name of the campus. This value should be unique.
dimension	N	—	text	body	Dimension
image	N	—	text	body	image
buildingList	N	—	text	body	List of buildings inside the campus.
aesUid	N	—	number	body	aesUid
aesUidString	N	—	string	body	aesUidString
members	N	—	text	body	members

Content Type

application/json

GET: Count of All Map Elements

Description

This API provides count of campuses, buildings, and floors.

HTTP Method

GET

Resource URI

/api/config/v1/maps/count

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: List of all Building Names.

Description

This API provides a list of all Buildings.

HTTP Method

GET

Resource URI

/api/config/v1/maps/building/list/:name

Requires OAuth

N

Parameters

Table 32: Parameter Details

Name	Required	Default	Type	Location	Description
name	Y	—	String	pathReplace	Campus Name

Content Type

application/json

GET: List of all Building Names

Description

This API provides a list of all buildings.

HTTP Method

GET

Resource URI

/api/config/v1/maps/building/list

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: List of all Floor Names

Description

This API provides a list of all Floors in the system.

HTTP Method

GET

Resource URI

/api/config/v1/maps/floor/list/:name

Requires OAuth

N

Parameters

Table 33: Parameter Details

Name	Required	Default	Type	Location	Description
name	Y	—	String	pathReplace	Building Name

Content Type

application/json

GET: List of all Floor Names

Description

This API provides a list of all Floors in the system.

HTTP Method

GET

Resource URI

/api/config/v1/maps/floor/list

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: All Maps

Description

This API returns all maps.

HTTP Method

GET

Resource URI

/api/config/v1/maps

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Campus by Name

Description

This API returns a campus by name.

HTTP Method

GET

Resource URI

/api/config/v1/maps/info/:campusName

Requires OAuth

N

Parameters

Table 34: Parameter Details

Name	Required	Default	Type	Location	Description
campusName	Y	—	String	pathReplace	Campus Name

Content Type

application/json

GET: Building by Name Inside Specific Campus

Description

This API returns a building by name.

HTTP Method

GET

Resource URI

/api/config/v1/maps/info/:campusName/:buildingName

Requires OAuth

N

Parameters

Table 35: Parameter Details

Name	Required	Default	Type	Location	Description
campusName	Y	—	String	pathReplace	Campus Name.
buildingName	Y	—	String	pathReplace	Building Name.

Content Type

application/json

GET: Floor Inside Specific Building and Specific Campus

Description

This API returns a floor by name based on a specific building and campus.

HTTP Method

GET

Resource URI

/api/config/v1/maps/info/:campusName/:buildingName/:floorName

Requires OAuth

N

Parameters

Table 36: Parameter Details

Name	Required	Default	Type	Location	Description
campusName	Y	—	String	pathReplace	Campus Name.
buildingName	Y	—	String	pathReplace	Building Name.
floorName	Y	—	String	pathReplace	Floor Name.

Content Type

application/json

GET: Floor Image

Description

This API returns an image for a given combination of Campus, Building, and Floor name.

HTTP Method

GET

Resource URI

/api/config/v1/maps/image/:campusName/:buildingName/:floorName

Requires OAuth

N

Parameters

Table 37: Parameter Details

Name	Required	Default	Type	Location	Description
campusName	Y	—	String	pathReplace	Campus Name.
buildingName	Y	—	String	pathReplace	Building Name.
floorName	Y	—	String	pathReplace	Floor Name.

Content Type

application/json

GET: Image by Name

Description

This API returns an image by image name.

HTTP Method

GET

Resource URI

/api/config/v1/maps/imagesource/:imageName

Requires OAuth

N

Parameters

Table 38: Parameter Details

Name	Required	Default	Type	Location	Description
imageName	Y	—	String	pathReplace	Image Name.

Content Type

application/json

GET: All Sites

Description

This API returns all the presence sites.

HTTP Method

GET

Resource URI

/api/config/v1/sites

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Site Details by ID or Name

Description

This API returns the presence site for the specified ID or Name.

HTTP Method

GET

Resource URI

/api/config/v1/sites/:id

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: System Settings

Description

This API retrives system settings.

HTTP Method

GET

Resource URI

/api/config/v1/system/preferences/:component/:key

Requires OAuth

N

Parameters

Table 39: Parameter Details

Name	Required	Default	Type	Location	Description
component	Y	—	String	pathReplace	The component.
key	N	—	String	pathReplace	The key to retrieve. If not set, retrieves all keys for the given component.

Content Type

application/json

PUT: System Settings

Description

This API enable you to store system settings. This operation can only be performed by users in the 'Admin' group.

HTTP Method

PUT

Resource URI

/api/config/v1/system/preferences/:component/:key

Requires OAuth

N

Parameters

Table 40: Parameter Details

Name	Required	Default	Type	Location	Description
component	Y	—	String	pathReplace	The component.
key	Y	—	String	pathReplace	The key.
String	Y	—	string	body	Value.

Content Type

application/json

GET: All Notification Subscriptions

Description

This API returns all notification subscriptions.

HTTP Method

GET

Resource URI

/api/config/v1/notifications

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Notifications by Name

Description

This API returns a notification subscription by name.

HTTP Method

GET

Resource URI

/api/config/v1/notifications/:name

Requires OAuth

N

Parameters

Table 41: Parameter Details

Name	Required	Default	Type	Location	Description
name	Y	—	String	pathReplace	Notification Name.

Content Type

application/json

GET: Notification Subscription Availability

Description

This API checks if a notification subscription exiets. It returns FOUND(302) if exists, 404 is not found.

HTTP Method

GET

Resource URI

/api/config/v1/notifications/exists/:name

Requires OAuth

N

Parameters

Table 42: Parameter Details

Name	Required	Default	Type	Location	Description
name	Y	—	String	pathReplace	Notification Name.

Content Type

application/json

PUT: Add Notification Subscription

Description

This API allows you to add a notification subscription.

HTTP Method

PUT

Resource URI

/api/config/v1/notification

Requires OAuth

N

Parameters

Table 43: Parameter Details

Name	Required	Default	Type	Location	Description
userId	Y	—	string	body	User ID.
rules	Y	—	text	body	List of rules.
subscribers	Y	—	text	body	Subscribers

Name	Required	Default	Type	Location	Description
notificationType	Y	—	enumerated	body	Choose one of the following notification types: • Any • Absence • AreaChange • Association • BatteryLife • Chokepoint • Containment • Emergency • Movement • Presence • LocationUpdate • Zone • Location • ServiceStatus • NetworkDesignChanged • CpuUsage • MemoryUsage • DiskUsage • BeaconMovement • BeaconAbsence • Update • InOut • PasserbyDetected • PasserbyBecameVisitor • VisitorWentAway • SiteEntryChanged
enabled	N	—	enumerated	body	enabled • true • false

Name	Required	Default	Type	Location	Description
enableMacScrambling	N	—	enumerated	body	enableMacScrambling • true • false

Content Type

application/json

PUT: List of Notification Subscriptions

Description

This API allows you to add a list of notification subscriptions.

HTTP Method

PUT

Resource URI

/api/config/v1/notifications

Requires OAuth

N

Parameters

None.

Content Type

application/json

DELETE: Notification Subscription

Description

This API allows to delete a notification subscription.

HTTP Method

DELETE

Resource URI

/api/config/v1/notifications/:name

Requires OAuth

N

Parameters

Table 44: Parameter Details

Name	Required	Default	Type	Location	Description
name	Y	—	String	pathReplace	Notification Name.

Content Type

application/json

GET: System Alert Subscription

Description

This API returns a system alert notification subscription by name.

HTTP Method

GET

Resource URI

/api/config/v1/notifications/alerts

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Notifications by Name

Description

This API returns a system alert notification subscription by name.

HTTP Method

GET

Resource URI

/api/config/v1/notifications/alerts/:name

Requires OAuth

N

Parameters

Table 45: Parameter Details

Name	Required	Default	Type	Location	Description
name	Y	—	String	pathReplace	Notification Name.

Content Type

application/json

PUT: System Alert Subscription

Description

This API allows to add system alert subscription.

HTTP Method

PUT

Resource URI

/api/config/v1/notifications/alert

Requires OAuth

N

Parameters

Table 46: Parameter Details

Name	Required	Default	Type	Location	Description
severity	Y	—	enumerated	body	Choose one of the following severity levels: • Critical • Major • Minor • Warning • Info • Cleared
userId	Y	—	string	body	User ID.
rules	Y	—	text	body	List of rules.
subscribers	Y	—	text	body	Subscribers

Name	Required	Default	Type	Location	Description
notificationType	Y	—	enumerated	body	Choose one of the following notification types: • Any • Absence • AreaChange • Association • BatteryLife • Chokepoint • Containment • Emergency • Movement • Presence • LocationUpdate • Zone • Location • ServiceStatus • NetworkDesignChanged • CpuUsage • MemoryUsage • DiskUsage • BeaconMovement • BeaconAbsence • Update • InOut • PasserbyDetected • PasserbyBecameVisitor • VisitorWentAway • SiteEntryChanged
enabled	N	—	enumerated	body	enabled • true • false

Name	Required	Default	Type	Location	Description
enableMacScrambling	N	—	enumerated	body	enableMacScrambling • true • false

Content Type

application/json

PUT: List of System Alert Subscriptions

Description

This API allows to add a list of system alert subscriptions.

HTTP Method

PUT

Resource URI

/api/config/v1/notifications/alerts

Requires OAuth

N

Parameters

None.

Content Type

application/json

DELETE: Notification Alert Subscription

Description

This API allows you to delete a system alert notification subscription.

HTTP Method

DELETE

Resource URI

/api/config/v1/notifications/alerts/:name

Requires OAuth

N

Parameters

Table 47: Parameter Details

Name	Required	Default	Type	Location	Description
name	Y	—	String	pathReplace	Notification Name.

Content Type

application/json

POST: Change Status of Notification by Name

Description

This API enable/disable a notification subscription by name.

HTTP Method

POST

Resource URI

/api/config/v1/notifications/:name/:action

Requires OAuth

N

Parameters

Table 48: Parameter Details

Name	Required	Default	Type	Location	Description
name	Y	—	String	pathReplace	Notification Name.
action	Y	—	String	pathReplace	Enable/Disable

Content Type

application/json

GET: Unique Alerts by Time Interval

Description

This API returns a list of unique alerts by time interval.

HTTP Method

GET

Resource URI

/api/config/v1/history/alerts/unique

Requires OAuth

N

Parameters

Table 49: Parameter Details

Name	Required	Default	Type	Location	Description
startTime	Y	—	Number	query	Specifies the start time in milliseconds.
endTime	Y	—	Number	query	Specifies the end time in milliseconds.

Content Type

application/json

GET: Alert by Time Interval

Description

This API returns a list of alerts by time interval.

HTTP Method

GET

Resource URI

/api/config/v1/history/alerts

Requires OAuth

N

Parameters

Table 50: Parameter Details

Name	Required	Default	Type	Location	Description
startTime	Y	—	Number	query	Specifies the start time in milliseconds.
endTime	Y	—	Number	query	Specifies the end time in milliseconds.

Content Type

application/json

GET: Alerts by Time Interval and Hashkey

Description

This API returns a list of alerts by time interval and hashkey.

HTTP Method

GET

Resource URI

/api/config/v1/history/alerts/:key

Requires OAuth

N

Parameters

Table 51: Parameter Details

Name	Required	Default	Type	Location	Description
key	Y	—	String	pathReplace	Alert Hashkey which could be obtained by calling /config/v1/alerts.
startTime	Y	—	Number	query	Specifies the start time in milliseconds.
endTime	Y	—	Number	query	Specifies the end time in milliseconds.

Content Type

application/json

GET: Total Alerts Created for a Given Alert Key

Description

This API returns number of alerts for a given alert key.

HTTP Method

GET

Resource URI

/api/config/v1/history/alert/count/:key

Requires OAuth

N

Parameters

Table 52: Parameter Details

Name	Required	Default	Type	Location	Description
key	Y	—	String	pathReplace	Alert Hashkey which could be obtained by calling /config/v1/alerts.

Content Type

application/json

GET: All APs

Description

This API returns all APs.

HTTP Method

GET

Resource URI

/api/config/v1/aps

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Access Point by MAC Address

Description

This API returns access point by given ap MAC address.

HTTP Method

GET

Resource URI

/api/config/v1/aps/:mac

Requires OAuth

N

Parameters

Table 53: Parameter Details

Name	Required	Default	Type	Location	Description
mac	Y	—	String	pathReplace	Access point MAC address.

Content Type

application/json

GET: Settings for a Given User

Description

This API retrieves settings for a given user.

HTTP Method

GET

Resource URI

/api/config/v1/user/preferences/:userid/:component/:key

Requires OAuth

N

Parameters

Table 54: Parameter Details

Name	Required	Default	Type	Location	Description
userid	Y	—	String	pathReplace	The user ID.
component	Y	—	String	pathReplace	The component.
key	N	—	String	pathReplace	The key to retrieve. If not set, retrieves all keys for the given component.

Content Type

application/json

PUT: Setting for a Given User

Description

This API stores the settings of a given user.

HTTP Method

PUT

Resource URI

/api/config/v1/user/preferences/:userid/:component/:key

Requires OAuth

N

Parameters

Table 55: Parameter Details

Name	Required	Default	Type	Location	Description
userid	Y	—	String	pathReplace	The user ID.
component	Y	—	String	pathReplace	The component.
key	Y	—	String	pathReplace	The key.
json	N	—	String	query	Whether the data passed is JSON - if set, this will validate the data and reject malformed JSON Allowed values/formats: true or false.
String	Y	—	string	body	Value

Content Type

application/json

GET: All Cisco WLC Controllers

Description

This API provides a list of all Cisco WLC Controllers.

HTTP Method

GET

Resource URI

/api/config/v1/controllers

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Get Cisco WLC Controllers by IP address

Description

This API returns a controller given an IP address.

HTTP Method

GET

Resource URI

/api/config/v1/controllers/:ipAddress

Requires OAuth

N

Parameters

Table 56: Parameter Details

Name	Required	Default	Type	Location	Description
ipAddress	Y	—	String	pathReplace	IP Address.

Content Type

application/json

PUT: Controller

Description

This API allows you to add a controller.

HTTP Method

PUT

Resource URI

/api/config/v1/controllers

Requires OAuth

N

Parameters

Table 57: Parameter Details

Name	Required	Default	Type	Location	Description
name	Y	—	string	body	Name of the Wireless LAN controller.
ipAddress	Y	—	string	body	IP address of the Wireless LAN controller.
readOnlyComm	Y	—	string	body	SNMP Read Community.
writeComm	Y	—	string	body	SNMP Write Community.
snmpVersion	N	—	number	body	SNMP Version.
version	Y	—	string	body	Software version of the WLC Controller.
userName	Y	—	string	body	User name for the telnet connection.
authType	Y	—	number	body	SNMP v3 Auth Type.
authPassword	N	—	string	body	Authentication Password.
privType	N	—	number	body	Privacy Type.
privPassword	N	—	string	body	Password.

Name	Required	Default	Type	Location	Description
macAddress	N	—	string	body	MAC Address.
sysUpTime	N	—	number	body	System Up time.
unauthenticatedConnection	N	—	enumerated	body	Authentication to connect to the WLC Controller. • true • false
applicableServices	Y	—	array	body	Services to subscribe to the controller.
aesUId	Y	—	number	body	Cisco Prime Infrastructure generated unique ID. If not generated by Cisco Prime Infrastructure, please use a unique value.
objectVersion	N	—	number	body	Object version.
tagNotificationInterval	N	—	number	body	Tag notification interval.
wlanConfigList	N	—	text	body	WLC Controller Configuration list.
deviceVersion	N	—	string	body	Version of the device.
type	N	—	enumerated	body	type • WLC • NGWC
enablePassword	N	—	string	body	enablePassword
peerMode	N	—	enumerated	body	peerMode • true • false
members	N	—	text	body	Members.

Content Type

application/json

POST: Devices to the opt-out List

Description
This API adds devices to opt-out service.

HTTP Method
POST

Resource URI
/api/configuration/v1/optout/devices

Requires OAuth
N

Parameters
None.

Content Type
application/json

DELETE: List of Devices from Opt-out

Description

This API deletes a list of devices from opt-out service.

HTTP Method

DELETE

Resource URI

/api/configuration/v1/optout/devices

Requires OAuth

N

Parameters

None.

Content Type

application/json

DELETE: All opt-out Devices

Description

This API allows to delete ALL opt-out devices from opt-out service.

HTTP Method

DELETE

Resource URI

/api/configuration/v1/optout/devices/all

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: List of Opt-out Devices Within a Date Range

Description

This API return a full list of opt-out devices within a date range.

HTTP Method

GET

Resource URI

/api/configuration/v1/optout/devices

Requires OAuth

N

Parameters

Table 58: Parameter Details

Name	Required	Default	Type	Location	Description
validFrom	N	—	String	query	Start date of range Allowed values/formats: yyyy-mm-dd hh:mm:ss
validTo	N	—	String	query	End date of range Allowed values/formats: yyyy-mm-dd hh:mm:ss

Content Type

application/json

GET: Count of opt-out Devices

Description

This API return a count of opt-out devices.

HTTP Method

GET

Resource URI

/api/configuration/v1/optout/count

Requires OAuth

N

Parameters

None.

Content Type

application/json

DELETE: Opt-out Devices Within a Date Range

Description

This API deletes opt-out devices.

HTTP Method

DELETE

Resource URI

/api/configuration/v1/optout/devices/date

Requires OAuth

N

Parameters

Table 59: Parameter Details

Name	Required	Default	Type	Location	Description
validFrom	N	—	String	query	Start date of range Allowed values/formats: yyyy-mm-dd hh:mm:ss.
validTo	N	—	String	query	End date of range Allowed values/formats: yyyy-mm-dd hh:mm:ss.

Content Type

application/json

GET: List of Children Superzone IDs of a Hiterarchy Element

Description

The call retrieves children superzone IDs of a heterarchy element and, under them, the AES IDs of the nested children floors. The element is identified by the path of the API call (either the full path or the id of the element-see Add/Update zones or tags for details on obtaining the element id).

HTTP Method

GET

Resource URI

/api/config/v1/heterarchy/:pathSegments/childrenfloors

Requires OAuth

N

Parameters

Table 60: Parameter Details

Name	Required	Default	Type	Location	Description
pathSegments	N	—	String	pathReplace	Full path to the element or element id.
validDate	N	—	String	query	Show elements valid at given date (yyyy-mm-dd HH:mm:ss) Allowed values/formats: yyyy-mm-dd HH:mm:ss.
level	N	—	String	query	Level name (SUPERZONE, FLOOR, AP, POI, or ZONE) Allowed values/formats: SUPERZONE FLOOR AP ZONE POI.

Content Type

application/json

GET: Children Superzone IDs of Hiterarchy Element

Description

The call retrieves children superzone IDs of an heterarchy element and, under them, the counts of all the nested children elements. The element is identified by the path of the API call (either the full path or the ID of the element- see Add/Update zones or tags for details on obtaining the element id). Specifying a level retrieves only children of that level.

HTTP Method

GET

Resource URI

/api/config/v1/heterarchy/:pathSegments/childrencounts

Requires OAuth

N

Parameters

Table 61: Parameter Details

Name	Required	Default	Type	Location	Description
pathSegments	N	—	String	pathReplace	Full path to the element or element ID.
validDate	N	—	String	query	Show elements valid from given date (yyyy-mm-dd HH:mm:ss) Allowed values/formats: yyyy-mm-dd HH:mm:ss.
level	N	—	String	query	Level name (SUPERZONE, FLOOR, AP, POI, or ZONE) Allowed values/formats: SUPERZONE FLOOR AP ZONE POI.

Content Type

application/json

Connect

- GET: Query User Sessions, page 114

GET: Query User Sessions

Description

Query user session data based on the filter criteria. The results are sorted by last login time in descending order. The search can be performed on MAC addresses, last session time, status, and any or all fields. The query is paged using index and count parameters with maximum size in 1000. The returned JSON object includes the number of records returned and next index to query if more. You can also download the queried result in CSV file with URL /api/connect/v1/clients/export. The export query does not have maximum size limit.

HTTP Method

GET

Resource URI

/api/connect/v1/clients

Requires OAuth

N

Parameters

Table 62: Parameter Details

Name	Required	Default	Type	Location	Description
start	N	—	String	query	Session start time based on last login time in UTC format.
end	N	—	String	query	Session end time based on last login time in UTC format.
index	N	—	String	query	Starting index of the query based on 0.
count	N	—	String	query	Number of records to query with the limit of 1000 at maximum.
status	N	—	String	query	Status of the users. Allowed: all,active.
authtype	N	—	String	query	Authentication type used by the user. Allowed values/formats:registration, SMS, social.

Name	Required	Default	Type	Location	Description
mac	N	—	String	query	MAC address in 00:11:22:33:44:55:66 format. If MAC address is used, all other parameters will be ignored.
device	N	—	String	query	Type of user's device.
os	N	—	String	query	Operating system of user's device.
language	N	—	String	query	Language served to the user. It can search by full language name or two-letter language code.
all	N	—	String	query	The search applies to all fields.

Content Type

application/json

Location

GET: Active Tags Count

Description
This API returns active tags count.

HTTP Method
GET

Resource URI
/api/location/v1/tags/count

Requires OAuth
N

Parameters
None.

Content Type
application/json

GET: All Tags

Description

This API returns all tags.

HTTP Method

GET

Resource URI

/api/location/v1/tags

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Tag by MAC Address

Description

This API returns a tag by its MAC address.

HTTP Method

GET

Resource URI

/api/location/v1/tags/:macaddress

Requires OAuth

N

Parameters

Table 63: Parameter Details

Name	Required	Default	Type	Location	Description
macaddress	Y	—	String	pathReplace	Tag MAC address.

Content Type

application/json

GET: Supported Northbound Notifications

Description

This API returns all supported notification types and applicable attributes for the notification rules.

HTTP Method

GET

Resource URI

/api/location/v1/attributes

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Count of all the Beacons

Description

This API returns count of all beacons.

HTTP Method

GET

Resource URI

/api/location/v1/beacon/count

Requires OAuth

N

Parameters

None.

Content Type

application/json

PUT: Place a Beacon at Detected Location on Map

Description

This API places a beacon at detected location on the map.

HTTP Method

PUT

Resource URI

/api/location/v1/beacon/replace/:macaddress

Requires OAuth

N

Parameters

Table 64: Parameter Details

Name	Required	Default	Type	Location	Description
macaddress	Y	—	String	pathReplace	Mac address of beacon.

Content Type

application/json

PUT: Updates Name of a Given Beacon

Description

This API updates the name of a given Beacon.

HTTP Method

PUT

Resource URI

/api/location/v1/beacon/name/:macaddress/:name

Requires OAuth

N

Parameters

Table 65: Parameter Details

Name	Required	Default	Type	Location	Description
macaddress	Y	—	String	pathReplace	Mac address of beacon.
name	Y	—	String	pathReplace	New values to be used as name.

Content Type

application/json

GET: List of Beacons Matching Filter Criteria

Description

This API returns list of Beacons matching to filter criteria present on the given floor. filterString format :mac={mac} name={name} uuid={uuid} major={major} minor={minor} example : api/location/v1/veacon/search/{floorrefid}/mac=11:22:33:44:55:66 name=abc

HTTP Method

GET

Resource URI

/api/location/v1/beacon/search/:floorrefid/:filterString

Requires OAuth

N

Parameters

Table 66: Parameter Details

Name	Required	Default	Type	Location	Description
floorrefid	Y	—	Number	pathReplace	Reference id of the floor.
filterString	Y	—	String	pathReplace	Value of the filterString.

Content Type

application/json

POST: Add Beacon with Minimum Fields

Description

This API adds a beacon with minimum fields to the store. Example query string /info/mac={mac} and name={name} and uuid={uuid} and major={major} and minor={minor}.

HTTP Method

POST

Resource URI

/api/location/v1/beacon/info/:queryString

Requires OAuth

N

Parameters

Table 67: Parameter Details

Name	Required	Default	Type	Location	Description
queryString	Y	—	String	pathReplace	Value of the queryString.

Content Type

application/json

GET: Beacons with Minimum Information for a Floor ID

Description

This API returns beacons with minimum information for a floor ID.

HTTP Method

GET

Resource URI

/api/location/v1/beacon/info/:floorrefid

Requires OAuth

N

Parameters

Table 68: Parameter Details

Name	Required	Default	Type	Location	Description
floorrefid	Y	—	Number	pathReplace	Reference ID of the floor.

Content Type

application/json

GET: List of Beacons

Description

This API returns list of Beacons.

HTTP Method

GET

Resource URI

/api/location/v1/beacon

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Beacon by MAC Address

Description

This API returns Beacon by macaddress.

HTTP Method

GET

Resource URI

/api/location/v1/beacon/:macaddress

Requires OAuth

N

Parameters

Table 69: Parameter Details

Name	Required	Default	Type	Location	Description
macaddress	Y	—	String	pathReplace	Mac address of beacon.

Content Type

application/json

DELETE: Delete Beacon by MAC Address

Description

This API deletes a Beacon by macaddress.

HTTP Method

DELETE

Resource URI

/api/location/v1/beacon/:macaddress

Requires OAuth

N

Parameters

Table 70: Parameter Details

Name	Required	Default	Type	Location	Description
macaddress	Y	—	String	pathReplace	Mac address of beacon to be deleted.

Content Type

application/json

PUT: Update Beacon

Description

This API updates a given Beacon.

HTTP Method

PUT

Resource URI

/api/location/v1/beacon

Requires OAuth

N

Parameters

Table 71: Parameter Details

Name	Required	Default	Type	Location	Description
macAddress	Y	—	string	body	MAC Address.
name	Y	—	string	body	Name
type	N	—	enumerated	body	• Known • Rogue • Unplaced
detectedOn	N	—	number	body	detectedOn
status	N	—	enumerated	body	• Active • Missing • Misplaced • Inactive • NeverDetected
lastUpdatedOn	N	—	number	body	Last updated on.
expectedHierarchyString	N	—	string	body	Expected Hierarchy String.

Name	Required	Default	Type	Location	Description
actualHierarchyString	N	—	string	body	Actual Hierarchy String.
uuid	Y	—	string	body	UUID
major	Y	—	string	body	Major.
minor	Y	—	string	body	Minor
manufacturerId	N	—	string	body	Manufacturer ID
rssi	N	—	string	body	RSSI value.
mapInfo	N	—	text	body	Map Information.
mapCoordinate	N	—	text	body	Map coordinate.
detectedLocation	N	—	text	body	Detected Location.
configuredLocation	N	—	text	body	Configured Location.

Content Type

application/json

GET: List of Beacons Present on a Floor

Description

This API returns list of Beacons present on the given floor.

HTTP Method

GET

Resource URI

/api/location/v1/beacon/floor/:floorrefid

Requires OAuth

N

Parameters

Table 72: Parameter Details

Name	Required	Default	Type	Location	Description
floorrefid	Y	—	Number	pathReplace	Reference ID of the floor.

Content Type

application/json

POST: Add Beacon to the Store

Description

This API adds a Beacon to the store.

HTTP Method

POST

Resource URI

/api/location/v1/beacon

Requires OAuth

N

Parameters

Table 73: Parameter Details

Name	Required	Default	Type	Location	Description
macAddress	Y	—	string	body	MAC Address.
name	Y	—	string	body	
type	N	—	enumerated	body	• Known • Rogue • Unplaced
detectedOn	N	—	number	body	Detected On.
status	N	—	enumerated	body	• Active • Missing • Misplaced • Inactive • NeverDetected
lastUpdatedOn	N	—	number	body	Last Updated on.
expectedHierarchyString	N	—	string	body	Expected Hierarchy String.

Name	Required	Default	Type	Location	Description
actualHierarchyString	N	—	string	body	Actual Hierarchy String.
uuid	Y	—	string	body	UUID
major	Y	—	string	body	Major
minor	Y	—	string	body	Minor
manufacturerId	N	—	string	body	Manufacturer ID
rssi	N	—	string	body	RSSI value.
mapInfo	N	—	text	body	Map Info.
mapCoordinate	N	—	text	body	Map coordinate.
detectedLocation	N	—	text	body	Detected Location.
configuredLocation	N	—	text	body	Configured Location.

Content Type

application/json

GET: Active Clients Count

Description

This API returns active clients count.

HTTP Method

GET

Resource URI

/api/location/v2/clients/count

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: All clients

Description

This API supports searching by ipv4/ipv6, mac-address and username. For example: Search by IPv4/IPv6: api/location/v2/clients?ipAddress=x.x.x.x. Search by Mac Address: api/location/v2/clients?macAddress=x:x:x:x. Search by Username: api/location/v2/clients?username=someUsername. This API also supports pagination based on page and page size. Pagination: api/location/v2/clients?include=metadata and page=x and pageSize=x. As long as there is data you can keep paginating by incrementing the page and the pageSize numbers. Sorting: /api/location/v2/clients?sortBy=macAddress:ASC /api/location/v2/clients?sortBy=macAddress:DESC. Supported values for sortBy param are 'lastLocatedTime', 'userName', 'macAddress', 'ssId' and 'dot11Status'.

HTTP Method

GET

Resource URI

/api/location/v2/clients

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Collection of Active Clients MAC Address

Description

This API returns a collection of active client's MAC Address.

HTTP Method

GET

Resource URI

/api/location/v2/clients/active

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Compact History of Client by Date and Username

Description

This API returns compact history of client by date and username.

HTTP Method

GET

Resource URI

/api/location/v1/historylite/byusername/:username

Requires OAuth

N

Parameters

Table 74: Parameter Details

Name	Required	Default	Type	Location	Description
date	Y	—	String	query	Date in format of yyyy/mm/dd
username	Y	—	String	pathReplace	User name.

Content Type

application/json

GET: Unique MAC Address Seen on a Given Day on a Floor or Zone

Description

This API returns the unique MAC address on a given dat on a floore or zone. It expects parameters date and hierarchy. Hierarchy can be up to floor level or zone level. For example, floor level would include: campus-name, building-name, and floor-name. Zone level would be campus-name, building-name, floor-name, and zone-name. If you know the floorid or zone id, then hierarchy is optional and you can specify date and floorid or date and zoneid parameters.

When date parameter is not specified, API would use current date as default. Specifying either of the parameters like hierarchy or floorid or zoneid is mandatory. This API also supports filter by time and filter by distance criterias. For filter by time, use fromHour and toHour (both in 24 hr format) parameters. For filter by distance queries, using filter by time is mandatory and supported toHour/fromHour difference is 1 hr only to filter out relevant data.

For examples:

By hierarchy:
/api/location/v1/history/uniqueclientsbyhierarchy?hierarchy=System%20Campus/Floor-19/1st%20Floor.
Floor ID:/api/location/v1/history/uniqueclientsbyhierarchy?floorid=730297895206534073.

By zoneid and date:/api/location/v1/history/uniqueclientsbyhierarchy?zoneid=23 and date=2016/02/29. By hierarchy and filter by time:
/api/location/v1/history/uniqueclientsbyhierarchy?hierarchy=System%20Campus/BGLD-19/1st%20Floor and fromHour=13 and toHour=14.

By hierarchy, filter by time and filter by distance:
/api/location/v1/history/uniqueclientsbyhierarchy?hierarchy=System%20Campus/BGLD-19/1st%20Floor and fromHour=13 and toHour=14 and x=30 and y=50 and distance=10.

HTTP Method

GET

Resource URI

/api/location/v1/history/uniqueclientsbyhierarchy

Requires OAuth

N

Parameters

Table 75: Parameter Details

Name	Required	Default	Type	Location	Description
hierarchy	Y	—	String	query	Hierarchy in format campus-name/building-name/floor-name.

Name	Required	Default	Type	Location	Description
date	N	—	String	query	Date in format of yyyy/mm/dd.
floorid	N	—	String	query	Floor ID.
zoneid	N	—	String	query	Zone ID.
fromHour	N	—	String	query	FromHour, HH in 24 hour format.
toHour	N	—	String	query	ToHour, HH in 24 hour format
x	N	—	String	query	x
y	N	—	String	query	y
distance	N	—	String	query	Distance in feet

Content Type

application/json

GET: Compact History of Client By Date and IPv4 Address

Description

This API returns compact history of client by date and IPv4 address.

HTTP Method

GET

Resource URI

/api/location/v1/historylite/byipaddress/:ipv4address

Requires OAuth

N

Parameters

Table 76: Parameter Details

Name	Required	Default	Type	Location	Description
date	Y	—	String	query	Date in format of yyyy/mm/dd.
ipv4address	Y	—	String	pathReplace	IPv4 Address.

Content Type

application/json

GET: This API returns history for all clients

Description

This API returns the history of all clients. It does not support pagination, but you can extract small chunks of data by specifying parameters locatedAfterTime and locatedBeforeTime (in milliseconds).

For Example: This API would use the current date as date range from midnight to current time: /api/location/v1/history/clients. This would use the passed date as date range from passed date + fromHour to passed date + toHour: /api/location/v1/history/clients?date=2016/03/02 and fromHour=14 and toHour=15. This would use the date range as mentioned by parameters: locatedAfterTime (1456894800000) milliseconds equivalent to YYYY/MM/DD HH:MM:SS 2016/03/01 21:00:00. locatedBeforeTime (1456896600000) milliseconds equivalent to YYYY/MM/DD HH:MM:SS 2016/03/01 21:30:00: /api/location/v1/history/clients?locatedAfterTime=1456894800000 and locatedBeforeTime=1456896600000.

With CSCuz69078, when locatedAfterTime and locatedBeforeTime specified in API is more than a day and less than an hour, the API returns the following error.

ERROR - Cassandra timeout during read query at consistency ONE (1 responses were required but only 0 replica responded)

For example, https://<ip-address</api/location/v1/history/clients?locatedAfterTime=1459468800000&locatedBeforeTime=1459636800000 returns the ERROR.

HTTP Method

GET

Resource URI

/api/location/v1/history/clients

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: History of Client by MAC Address

Description

This API returns the history of a client by its MAC address.

HTTP Method

GET

Resource URI

/api/location/v1/history/clients/:macaddress

Requires OAuth

N

Parameters

Table 77: Parameter Details

Name	Required	Default	Type	Location	Description
macaddress	Y	—	String	pathReplace	Client Macaddress.
date	Y	—	String	query	Date in format of yyyy/mm/dd.

Content Type

application/json

Presence

GET: Count of Passersby Today

Description

This API returns the count of passersby seen today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/count/today

Requires OAuth

N

Parameters

Table 78: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Passersby Yesterday

Description

This API returns the count of passersby seen yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/count/yesterday

Requires OAuth

N

Parameters

Table 79: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Count of Passersby in Last 3 Days

Description

This API returns the average count of passersby seen in the last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/count/3days

Requires OAuth

N

Parameters

Table 80: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Count of Passersby in the Last 7 days

Description

This API returns the average count of passersby seen in the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/count/lastweek

Requires OAuth

N

Parameters

Table 81: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Count of Passersby in the Last 30 Days

Description

This API returns the average count of passersby seen in the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/count/lastmonth

Requires OAuth

N

Parameters

Table 82: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Sum of Passerby Counts in the Specified Date Range

Description

This API returns the sum of passerby counts for each day in the specified date range.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/total

Requires OAuth

N

Parameters

Table 83: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Sum of Passerby Counts in the Last 3 Days

Description

This API returns the sum of passerby counts for each day in the last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/total/3days

Requires OAuth

N

Parameters

Table 84: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Sum of Passerby Counts in the Last 7 Days

Description

This API returns the sum of passerby counts for each day in the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/total/lastweek

Requires OAuth

N

Parameters

Table 85: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Passersby on a Given Date

Description

This API returns the count of passersby seen on a given day.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/count

Requires OAuth

N

Parameters

Table 86: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date

Content Type

application/json

GET: Sum of Passerby Counts in the Last 30 days

Description

This API returns the sum of passerby counts for each day in the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/total/lastmonth

Requires OAuth

N

Parameters

Table 87: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Hourly Count of Passersby Today

Description

This API returns the hourly count of passersby today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/hourly/today

Requires OAuth

N

Parameters

Table 88: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Hourly Count of Passersby Yesterday

Description

This API returns the hourly count of passersby yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/hourly/yesterday

Requires OAuth

N

Parameters

Table 89: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Hourly Count of Passersby for Last 3 days

Description

This API returns the hourly count of passersby for the last 3 days including today.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/hourly/3days

Requires OAuth

N

Parameters

Table 90: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Hourly Count of Passersby for a Day

Description

This API returns the hourly count of passersby for the specified date.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/hourly

Requires OAuth

N

Parameters

Table 91: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date

Content Type

application/json

GET: Daily Count of Passersby for a Specified Date Range

Description

This API returns the daily count of passersby for the specified date range.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/daily

Requires OAuth

N

Parameters

Table 92: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Daily Count of Passersby for the Last 7 days

Description

This API returns the daily count of passersby for the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/daily/lastweek

Requires OAuth

N

Parameters

Table 93: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Daily count of passersby for the last 30 days

Description

This API returns the daily count of passersby for the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/daily/lastmonth

Requires OAuth

N

Parameters

Table 94: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Daily Count of Passersby by hour for the Specified Date Range

Description

This API returns the daily count of passersby by hour category for the specified date range

HTTP Method

GET

Resource URI

/api/presence/v1/passerby/daily/hourcategory

Requires OAuth

N

Parameters

Table 95: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Excluded Client Counts

Description

This API returns the client counts excluded by filters.

HTTP Method

GET

Resource URI

/api/presence/v1/excluded

Requires OAuth

N

Parameters

Table 96: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	N	—	Number	query	Site ID

Content Type

application/json

GET: Active Clients

Description

This API returns the active clients seen in the last 20 minutes.

HTTP Method

GET

Resource URI

/api/presence/v1/clients

Requires OAuth

N

Parameters

None.

Content Type

application/json

GET: Client Detail

Description

This API returns the client detail for the specified MAC address.

HTTP Method

GET

Resource URI

/api/presence/v1/clients/:macaddress

Requires OAuth

N

Parameters

Table 97: Parameter Details

Name	Required	Default	Type	Location	Description
macaddress	Y	—	String	pathReplace	MAC address

Content Type

application/json

GET: Count of Connected Visitors for a Date

Description

This API returns the count of connected visitors seen on a given day.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/count

Requires OAuth

N

Parameters

Table 98: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date

Content Type

application/json

GET: Count of Connected Visitors Seen today Until Now

Description

This API returns the count of connected visitors seen today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/count/today

Requires OAuth

N

Parameters

Table 99: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Connected Visitors Seen Yesterday

Description

This API returns the count of connected visitors seen yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/count/yesterday

Requires OAuth

N

Parameters

Table 100: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Count of Connected Visitors Seen in Last 3 Days

Description

This API returns the average count of connected visitors seen in the last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/count/3days

Requires OAuth

N

Parameters

Table 101: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Count of Connected Visitors Seen in Last 7 Days

Description

This API returns the average count of connected visitors seen in the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/count/lastweek

Requires OAuth

N

Parameters

Table 102: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Count of Connected Visitors seen in last 30 Days

Description

This API returns the average count of connected visitors seen in the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/count/lastmonth

Requires OAuth

N

Parameters

Table 103: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Sum of Connected Visitor Counts in Last 3 days

Description

This API returns the the sum of connected visitor Counts for each day in the last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/total/3days

Requires OAuth

N

Parameters

Table 104: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Sum of Connected Visitor Counts in Last 7 days

Description

This API returns the the sum of connected visitor counts for each day in the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/total/lastweek

Requires OAuth

N

Parameters

Table 105: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Sum of Connected Visitor Counts in Last 30 days

Description

This API returns the the sum of connected visitor counts for each day in the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/total/lastmonth

Requires OAuth

N

Parameters

Table 106: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Sum of Connected Visitor Counts in the Specified Date Range

Description

This API returns the sum of connected visitor counts for each day in the specified date range.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/total

Requires OAuth

N

Parameters

Table 107: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Hourly Count of Connected Visitors Today

Description

This API returns the hourly count of connected visitors today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/hourly/today

Requires OAuth

N

Parameters

Table 108: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Hourly Count of Connected Visitors Yesterday

Description

This API returns the hourly count of connected visitors yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/hourly/yesterday

Requires OAuth

N

Parameters

Table 109: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Hourly Count of Connected Visitors in Last 3 Days

Description

This API returns the hourly count of connected visitors in the last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/hourly/3days

Requires OAuth

N

Parameters

Table 110: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site Id

Content Type

application/json

GET: Hourly Count of Connected Visitors for the Specified Day

Description

This API returns the hourly count of connected visitors for the specified date.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/hourly

Requires OAuth

N

Parameters

Table 111: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site Id
date	N	—	String	query	Date

Content Type

application/json

GET: Daily Count of Connected Visitors for the Specified Date Range

Description

This API returns the daily count of connected visitors for the specified date range.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/daily

Requires OAuth

N

Parameters

Table 112: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Daily Count of Connected Visitors for Last 7 days

Description

This API returns the daily count of connected visitors for the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/daily/lastweek

Requires OAuth

N

Parameters

Table 113: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Daily Count of Connected Visitors for last 30 Days

Description

This API returns the daily count of connected visitors for the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/daily/lastmonth

Requires OAuth

N

Parameters

Table 114: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Daily Count of Connected Visitors by Hour for the Specified Date Range

Description

This API returns the daily count of connected visitors by hour category for the specified date range.

HTTP Method

GET

Resource URI

/api/presence/v1/connected/daily/hourcategory

Requires OAuth

N

Parameters

Table 115: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Site KPI Summary for Specified Date or Date Range

Description

This API returns the KPI summary for the given site and specified date or date range.

HTTP Method

GET

Resource URI

/api/presence/v1/kpisummary

Requires OAuth

N

Parameters

Table 116: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	N	—	String	query	Date
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Site KPI Summary for Today

Description

This API returns the KPI summary for the given site today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/kpisummary/today

Requires OAuth

N

Parameters

Table 117: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Site KPI Summary for Yesterday

Description

This API returns the KPI summary for the given site yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/kpisummary/yesterday

Requires OAuth

N

Parameters

Table 118: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Site KPI Summary for Last 3 Days

Description

This API returns the KPI summary for the given site for the last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/kpisummary/3days

Requires OAuth

N

Parameters

Table 119: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Site KPI Summary for last 7 days

Description

This API returns the KPI summary for the given site for the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/kpisummary/lastweek

Requires OAuth

N

Parameters

Table 120: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Site KPI Summary for Last 30 Days

Description

This API returns the KPI summary for the given site for the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/kpisummary/lastmonth

Requires OAuth

N

Parameters

Table 121: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Site Insights for Specified Date or Date Range

Description

This API returns the insights for the given site and specified date or date range.

HTTP Method

GET

Resource URI

/api/presence/v1/insights

Requires OAuth

N

Parameters

Table 122: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	N	—	String	query	Date
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Average Count of Repeat Visitors for Last 7 Days

Description

This API returns the average count of repeat visitors seen in last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/average/lastweek

Requires OAuth

N

Parameters

Table 123: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Count of Repeat Visitors for Last 30 days

Description

This API returns the average count of repeat visitors seen in last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/average/lastmonth

Requires OAuth

N

Parameters

Table 124: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Sum of Repeat Visitor Counts for Last 3 days

Description

This API returns the sum of repeat visitor counts for each day in last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/count/3days

Requires OAuth

N

Parameters

Table 125: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Sum of Repeat Visitor Counts for Last 7 days

Description

This API returns the sum of repeat visitor counts for each day in last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/count/lastweek

Requires OAuth

N

Parameters

Table 126: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Sum of Repeat Visitor Counts for Last 30 days

Description

This API returns the sum of repeat visitor counts for each day in last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/count/lastmonth

Requires OAuth

N

Parameters

Table 127: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Hourly Count of Repeat Visitors for a Day

Description

This API returns the hourly count of repeat visitors for the specified date.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/hourly

Requires OAuth

N

Parameters

Table 128: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date

Content Type

application/json

GET: Hourly Count of Repeat Visitors Today

Description

This API returns the hourly count of repeat visitors seen today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/hourly/today

Requires OAuth

N

Parameters

Table 129: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Hourly Count of Repeat Visitors Yesterday

Description

This API returns the hourly count of repeat visitors seen yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/hourly/yesterday

Requires OAuth

N

Parameters

Table 130: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Repeat Visitors for a Date or Date Range

Description

This API returns the count of repeat visitors seen on a given day or date range.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/count

Requires OAuth

N

Parameters

Table 131: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Count of Repeat Visitors for Today

Description

This API returns the count of repeat visitors seen today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/count/today

Requires OAuth

N

Parameters

Table 132: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Repeat Visitors for Yesterday

Description

This API returns the count of repeat visitors seen yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/count/yesterday

Requires OAuth

N

Parameters

Table 133: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Count of Repeat Visitors for Last 3 days

Description

This API returns the average count of repeat visitors seen in last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/average/3days

Requires OAuth

N

Parameters

Table 134: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Count of Repeat Visitors for Specified Date Range

Description

This API returns the average count of repeat visitors seen for the specified date range.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/average

Requires OAuth

N

Parameters

Table 135: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Hourly Count of Repeat Visitors for Last 3 Days

Description

This API returns the hourly count of repeat visitors for the last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/hourly/3days

Requires OAuth

N

Parameters

Table 136: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Repeat Visitor Summary for a Day

Description

This API returns the repeat visitor summary for the specified date.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/daysummary

Requires OAuth

N

Parameters

Table 137: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date

Content Type

application/json

GET: Repeat Visitor Summary for a Week

Description

This API returns the repeat visitor summary for the week of specified date.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/weeksummary

Requires OAuth

N

Parameters

Table 138: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date

Content Type

application/json

GET: Repeat Visitor Summary for a Month

Description

This API returns the repeat visitor summary for the month of specified date.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/monthsummary

Requires OAuth

N

Parameters

Table 139: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date

Content Type

application/json

GET: Daily Count of Repeat Visitors for Specified Date Range

Description

This API returns the daily count of repeat visitors for the specified date range.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/daily

Requires OAuth

N

Parameters

Table 140: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Daily Count of Repeat Visitors for Last 7 Days

Description

This API returns the daily count of repeat visitors for the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/daily/lastweek

Requires OAuth

N

Parameters

Table 141: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Daily Count of Repeat Visitors for Last 30 days

Description

This API returns the daily count of repeat visitors for the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/repeatvisitors/daily/lastmonth

Requires OAuth

N

Parameters

Table 142: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Peak Hour of Visitors Today

Description

This API returns the hour that had peak visitors today.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/today/peakhour

Requires OAuth

N

Parameters

Table 143: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Visitors Today

Description

This API returns the count of visitors seen today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/count/today

Requires OAuth

N

Parameters

Table 144: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Visitors Yesterday

Description

This API returns the count of visitors seen yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/count/yesterday

Requires OAuth

N

Parameters

Table 145: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Unique Visitors for Last 3 Days

Description

This API returns the count of unique visitors seen in the last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/count/3days

Requires OAuth

N

Parameters

Table 146: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Unique Visitors for Last Week

Description

This API returns the count of unique visitors seen in the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/count/lastweek

Requires OAuth

N

Parameters

Table 147: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Unique Visitors for Last Month

Description

This API returns the count of unique visitors seen in the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/count/lastmonth

Requires OAuth

N

Parameters

Table 148: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Unique Visitors for a Date/Date Range

Description

This API returns the count of unique visitors seen on a day or range of dates.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/count

Requires OAuth

N

Parameters

Table 149: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date
date	N	—	String	query	Date

Content Type

application/json

GET: Sum of Visitor Counts for a Date Range

Description

This API returns the sum of visitor counts for each day in the specified date range.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/total

Requires OAuth

N

Parameters

Table 150: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start date
endDate	Y	—	String	query	End date

Content Type

application/json

GET: Sum of Visitor Counts for the Last 3 Days

Description

This API returns the sum of visitor counts for each day in the last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/total/3days

Requires OAuth

N

Parameters

Table 151: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Sum of Visitor Counts for the Last Week

Description

This API returns the sum of visitor counts for each day in the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/total/lastweek

Requires OAuth

N

Parameters

Table 152: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Sum of Visitor Counts for the Last Month

Description

This API returns the sum of visitor counts for each day in the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/total/lastmonth

Requires OAuth

N

Parameters

Table 153: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Hourly Count of Visitors Today

Description

This API returns the hourly count of visitors today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/hourly/today

Requires OAuth

N

Parameters

Table 154: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Hourly Count of Visitors Yesterday

Description

This API returns the hourly count of visitors yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/hourly/yesterday

Requires OAuth

N

Parameters

Table 155: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site Id

Content Type

application/json

GET: Hourly Count of Visitors for Last 3 Days

Description

This API returns the hourly count of visitors for the last 3 days including today.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/hourly/3days

Requires OAuth

N

Parameters

Table 156: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site Id

Content Type

application/json

GET: Hourly Count of Visitors for a Day

Description

This API returns the hourly count of visitors for the specified date.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/hourly

Requires OAuth

N

Parameters

Table 157: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site Id
date	Y	—	String	query	Date

Content Type

application/json

GET: Daily Count of Visitors for a Date Range

Description

This API returns the daily count of unique visitors for the specified date range.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/daily

Requires OAuth

N

Parameters

Table 158: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site Id
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Daily Count of Visitors for Last Week

Description

This API returns the daily count of visitors for the last 7 days including today.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/daily/lastweek

Requires OAuth

N

Parameters

Table 159: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Daily Count of Visitors for Last Month

Description

This API returns the daily count of visitors for the last 30 days including today.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/daily/lastmonth

Requires OAuth

N

Parameters

Table 160: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Daily Count of Visitors by Hour Category for a Date Range

Description

This API returns the daily count of visitors seen during morning, business, evening hours for the specified date range.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/daily/hourcategory

Requires OAuth

N

Parameters

Table 161: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Visitor Summary for a Day

Description

This API returns a summary of visitor traffic for the specified date.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/daysummary

Requires OAuth

N

Parameters

Table 162: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date

Content Type

application/json

GET: Visitor Summary for Week

Description

This API returns a summary of visitor traffic for the week of the specified date.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/weeksummary

Requires OAuth

N

Parameters

Table 163: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date

Content Type

application/json

GET: Visitor Summary for Month

Description

This API returns a summary of visitor traffic for the month of the specified date.

HTTP Method

GET

Resource URI

/api/presence/v1/visitor/monthsummary

Requires OAuth

N

Parameters

Table 164: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date

Content Type

application/json

GET: Count of Visitors by Dwell Level for a Date or Date Range

Description

This API returns the count of visitors categorized by dwell level seen on a given day or date range.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/count

Requires OAuth

N

Parameters

Table 165: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date
startDate	Y	—	String	query	Start Date
endDate	N	—	String	query	End Date

Content Type

application/json

GET: Count of Visitors by Dwell Level for Today

Description

This API returns the count of visitors categorized by dwell level seen today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/count/today

Requires OAuth

N

Parameters

Table 166: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Visitors by Dwell Level for Yesterday

Description

This API returns the count of visitors categorized by dwell level seen yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/count/yesterday

Requires OAuth

N

Parameters

Table 167: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Visitors by Dwell Level for Last 3 Days

Description

This API returns the count of visitors categorized by dwell level seen in the last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/count/3days

Requires OAuth

N

Parameters

Table 168: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Visitors by Dwell Level for Last 7 Days

Description

This API returns the count of visitors categorized by dwell level seen in the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/count/lastweek

Requires OAuth

N

Parameters

Table 169: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Count of Visitors by Dwell Level for Last 30 Days

Description

This API returns the count of visitors categorized by dwell level seen in the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/count/lastmonth

Requires OAuth

N

Parameters

Table 170: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Count of Visitors by Dwell Level for Last 7 Days

Description

This API returns the average count of visitors categorized by dwell level seen in the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/averagecount/lastweek

Requires OAuth

N

Parameters

Table 171: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Count of Visitors by Dwell Level for Last 30 Days

Description

This API returns the average count of visitors categorized by dwell level seen in the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/averagecount/lastmonth

Requires OAuth

N

Parameters

Table 172: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Hourly Count of Visitors by Dwell Level for a Specific Day

Description

This API returns the hourly count of visitors categorized by dwell level seen in the specified date.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/hourly

Requires OAuth

N

Parameters

Table 173: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date

Content Type

application/json

GET: Hourly Count of Visitors by Dwell Level for Today

Description

This API returns the hourly count of visitors categorized by dwell level seen today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/hourly/today

Requires OAuth

N

Parameters

Table 174: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Visitor Dwell Time by Dwell Level for Last 7 Days

Description

This API returns the average visitor dwell time in minutes categorized by dwell level for last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/averagebylevel/lastweek

Requires OAuth

N

Parameters

Table 175: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Visitor Dwell Time by Dwell Level for Last 30 Days

Description

This API returns the average visitor dwell time in minutes categorized by dwell level for last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/averagebylevel/lastmonth

Requires OAuth

N

Parameters

Table 176: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Daily Average Visitor Dwell Time by Dwell Level for a Specific Date Range

Description

This API returns the daily average visitor dwell time in minutes categorized by dwell level for the specified date range.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/dailyaverage

Requires OAuth

N

Parameters

Table 177: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Daily Average Visitor Dwell Time by Dwell Level for Last 7 Days

Description

This API returns the daily average visitor dwell time in minutes categorized by dwell level for the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/dailyaverage/lastweek

Requires OAuth

N

Parameters

Table 178: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Daily Average Visitor Dwell Time by Dwell Level for Last 30 Days

Description

This API returns the daily average visitor dwell time in minutes categorized by dwell level for the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/dailyaverage/lastmonth

Requires OAuth

N

Parameters

Table 179: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Hourly Count of Visitors by Dwell level for Yesterday

Description

This API returns the hourly count of visitors categorized by dwell level seen yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/hourly/yesterday

Requires OAuth

N

Parameters

Table 180: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site Id

Content Type

application/json

GET: Hourly Count of Visitors by Dwell Level for Last 3 Days

Description

This API returns the hourly count of visitors categorized by dwell level seen in the last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/hourly/3days

Requires OAuth

N

Parameters

Table 181: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Daily Count of Visitors by Dwell Level for a Specific Date Range

Description

This API returns the daily count of visitors categorized by dwell level seen during the specified date range

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/daily

Requires OAuth

N

Parameters

Table 182: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date

Content Type

application/json

GET: Daily Count of Visitors by Dwell Level for Last 7 Days

Description

This API returns the daily count of visitors categorized by dwell level seen during the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/daily/lastweek

Requires OAuth

N

Parameters

Table 183: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Daily Count of Visitors by Dwell Level for Last 30 Days

Description

This API returns the daily count of visitors categorized by dwell level seen during the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/daily/lastmonth

Requires OAuth

N

Parameters

Table 184: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Visitor Dwell Time for the Specific Date or Date Range

Description

This API returns the average visitor dwell time in minutes for the specified date or date range.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/average

Requires OAuth

N

Parameters

Table 185: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
startDate	Y	—	String	query	Start Date
endDate	Y	—	String	query	End Date
date	N	—	String	query	Date

Content Type

application/json

GET: Average Visitor Dwell Time for Today

Description

This API returns the average visitor dwell time in minutes for today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/average/today

Requires OAuth

N

Parameters

Table 186: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Visitor Dwell Time for Yesterday

Description

This API returns the average visitor dwell time in minutes for yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/average/yesterday

Requires OAuth

N

Parameters

Table 187: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Visitor Dwell Time for Last 3 Days

Description

This API returns the average visitor dwell time in minutes for last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/average/3days

Requires OAuth

N

Parameters

Table 188: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Visitor Dwell Time for Last 7 Days

Description

This API returns the average visitor dwell time in minutes for the last 7 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/average/lastweek

Requires OAuth

N

Parameters

Table 189: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Visitor Dwell Time for Last 30 Days

Description

This API returns the average visitor dwell time in minutes for the last 30 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/average/lastmonth

Requires OAuth

N

Parameters

Table 190: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Visitor Dwell Time by Dwell Level for a Specific Date or Date Range

Description

This API returns the average visitor dwell time in minutes categorized by dwell level for the specified date or date range.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/averagebylevel

Requires OAuth

N

Parameters

Table 191: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID
date	Y	—	String	query	Date
startDate	Y	—	String	query	Start Date
endDate	N	—	String	query	End Date

Content Type

application/json

GET: Average Visitor Dwell Time by Dwell Level for Today

Description

This API returns the average visitor dwell time in minutes categorized by dwell level for today until now.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/averagebylevel/today

Requires OAuth

N

Parameters

Table 192: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Visitor Dwell Time by Dwell Level for Yesterday

Description

This API returns the average visitor dwell time in minutes categorized by dwell level for yesterday.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/averagebylevel/yesterday

Requires OAuth

N

Parameters

Table 193: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json

GET: Average Visitor Dwell Time by Dwell Level for Last 3 days

Description

This API returns the average visitor dwell time in minutes categorized by dwell level for last 3 days.

HTTP Method

GET

Resource URI

/api/presence/v1/dwell/averagebylevel/3days

Requires OAuth

N

Parameters

Table 194: Parameter Details

Name	Required	Default	Type	Location	Description
siteId	Y	—	Number	query	Site ID

Content Type

application/json