



## Presence

---

- [Connected Visitors API](#), on page 5
- [Repeat Visitors API](#), on page 20
- [Dwell API](#), on page 33
- [Visitors API](#), on page 54
- [Summary API](#), on page 70
- [Clients API](#), on page 79
- [Passersby API](#), on page 90
- [GET: Count of Passersby Today](#), on page 109
- [GET: Count of Passersby Yesterday](#), on page 110
- [GET: Average Count of Passersby in Last 3 Days](#), on page 111
- [GET: Average Count of Passersby in the Last 7 days](#), on page 112
- [GET: Average Count of Passersby in the Last 30 Days](#), on page 113
- [GET: Sum of Passerby Counts in the Specified Date Range](#), on page 114
- [GET: Sum of Passerby Counts in the Last 3 Days](#), on page 115
- [GET: Sum of Passerby Counts in the Last 7 Days](#), on page 116
- [GET: Count of Passersby on a Given Date](#), on page 117
- [GET: Sum of Passerby Counts in the Last 30 days](#), on page 118
- [GET: Hourly Count of Passersby Today](#), on page 119
- [GET: Hourly Count of Passersby Yesterday](#), on page 120
- [GET: Hourly Count of Passersby for Last 3 days](#), on page 121
- [GET: Hourly Count of Passersby for a Day](#), on page 123
- [GET: Daily Count of Passersby for a Specified Date Range](#), on page 124
- [GET: Daily Count of Passersby for the Last 7 days](#), on page 126
- [GET: Daily count of passersby for the last 30 days](#), on page 128
- [GET: Daily Count of Passersby by hour for the Specified Date Range](#), on page 130
- [GET: Excluded Client Counts](#), on page 134
- [GET: Active Clients](#), on page 135
- [GET: Client Detail](#), on page 139
- [GET: Count of Connected Visitors for a Date](#), on page 144
- [GET: Count of Connected Visitors Seen today Until Now](#), on page 145
- [GET: Count of Connected Visitors Seen Yesterday](#), on page 146
- [GET: Average Count of Connected Visitors Seen in Last 3 Days](#), on page 147
- [GET: Average Count of Connected Visitors Seen in Last 7 Days](#), on page 148

- GET: Average Count of Connected Visitors seen in last 30 Days, on page 149
- GET: Sum of Connected Visitor Counts in Last 3 days, on page 150
- GET: Sum of Connected Visitor Counts in Last 7 days, on page 151
- GET: Sum of Connected Visitor Counts in Last 30 days, on page 152
- GET: Sum of Connected Visitor Counts in the Specified Date Range, on page 153
- GET: Hourly Count of Connected Visitors Today, on page 154
- GET: Hourly Count of Connected Visitors Yesterday, on page 155
- GET: Hourly Count of Connected Visitors in Last 3 Days, on page 156
- GET: Hourly Count of Connected Visitors for the Specified Day, on page 157
- GET: Daily Count of Connected Visitors for the Specified Date Range, on page 158
- GET: Daily Count of Connected Visitors for Last 7 days, on page 159
- GET: Daily Count of Connected Visitors for last 30 Days, on page 160
- GET: Daily Count of Connected Visitors by Hour for the Specified Date Range, on page 161
- GET: Site KPI Summary for Specified Date or Date Range, on page 163
- GET: Site KPI Summary for Today, on page 166
- GET: Site KPI Summary for Yesterday, on page 167
- GET: Site KPI Summary for Last 3 Days, on page 168
- GET: Site KPI Summary for last 7 days, on page 169
- GET: Site KPI Summary for Last 30 Days, on page 170
- GET: Site Insights for Specified Date or Date Range, on page 171
- GET: Average Count of Repeat Visitors for Last 7 Days, on page 175
- GET: Average Count of Repeat Visitors for Last 30 days, on page 176
- GET: Sum of Repeat Visitor Counts for Last 3 days, on page 177
- GET: Sum of Repeat Visitor Counts for Last 7 days, on page 178
- GET: Sum of Repeat Visitor Counts for Last 30 days, on page 179
- GET: Hourly Count of Repeat Visitors for a Day, on page 180
- GET: Hourly Count of Repeat Visitors Today, on page 181
- GET: Hourly Count of Repeat Visitors Yesterday, on page 182
- GET: Count of Repeat Visitors for a Date or Date Range, on page 183
- GET: Count of Repeat Visitors for Today, on page 184
- GET: Count of Repeat Visitors for Yesterday, on page 185
- GET: Average Count of Repeat Visitors for Last 3 days, on page 186
- GET: Average Count of Repeat Visitors for Specified Date Range, on page 187
- GET: Hourly Count of Repeat Visitors for Last 3 Days, on page 188
- GET: Repeat Visitor Summary for a Day, on page 189
- GET: Repeat Visitor Summary for a Week, on page 190
- GET: Repeat Visitor Summary for a Month, on page 191
- GET: Daily Count of Repeat Visitors for Specified Date Range, on page 192
- GET: Daily Count of Repeat Visitors for Last 7 Days, on page 194
- GET: Daily Count of Repeat Visitors for Last 30 days, on page 195
- GET: Peak Hour of Visitors Today, on page 196
- GET: Count of Visitors Today, on page 197
- GET: Count of Visitors Yesterday, on page 198
- GET: Count of Unique Visitors for Last 3 Days, on page 199
- GET: Count of Unique Visitors for Last Week, on page 200
- GET: Count of Unique Visitors for Last Month, on page 201

- GET: Count of Unique Visitors for a Date/Date Range, on page 202
- GET: Sum of Visitor Counts for a Date Range, on page 203
- GET: Sum of Visitor Counts for the Last 3 Days, on page 204
- GET: Sum of Visitor Counts for the Last Week, on page 205
- GET: Sum of Visitor Counts for the Last Month, on page 206
- GET: Hourly Count of Visitors Today, on page 207
- GET: Hourly Count of Visitors Yesterday, on page 208
- GET: Hourly Count of Visitors for Last 3 Days, on page 209
- GET: Hourly Count of Visitors for a Day, on page 210
- GET: Daily Count of Visitors for a Date Range, on page 211
- GET: Daily Count of Visitors for Last Week, on page 212
- GET: Daily Count of Visitors for Last Month, on page 213
- GET: Daily Count of Visitors by Hour Category for a Date Range, on page 214
- GET: Visitor Summary for a Day, on page 216
- GET: Visitor Summary for Week, on page 217
- GET: Visitor Summary for Month, on page 218
- GET: Count of Visitors by Dwell Level for a Date or Date Range, on page 219
- GET: Count of Visitors by Dwell Level for Today, on page 220
- GET: Count of Visitors by Dwell Level for Yesterday, on page 221
- GET: Count of Visitors by Dwell Level for Last 3 Days, on page 222
- GET: Count of Visitors by Dwell Level for Last 7 Days, on page 223
- GET: Count of Visitors by Dwell Level for Last 30 Days, on page 224
- GET: Average Count of Visitors by Dwell Level for Last 7 Days, on page 225
- GET: Average Count of Visitors by Dwell Level for Last 30 Days, on page 226
- GET: Hourly Count of Visitors by Dwell Level for a Specific Day, on page 227
- GET: Hourly Count of Visitors by Dwell Level for Today, on page 228
- GET: Average Visitor Dwell Time by Dwell Level for Last 7 Days, on page 229
- GET: Average Visitor Dwell Time by Dwell Level for Last 30 Days, on page 230
- GET: Daily Average Visitor Dwell Time by Dwell Level for a Specific Date Range, on page 231
- GET: Daily Average Visitor Dwell Time by Dwell Level for Last 7 Days, on page 233
- GET: Daily Average Visitor Dwell Time by Dwell Level for Last 30 Days, on page 234
- GET: Hourly Count of Visitors by Dwell level for Yesterday, on page 235
- GET: Hourly Count of Visitors by Dwell Level for Last 3 Days, on page 236
- GET: Daily Count of Visitors by Dwell Level for a Specific Date Range, on page 237
- GET: Daily Count of Visitors by Dwell Level for Last 7 Days, on page 239
- GET: Daily Count of Visitors by Dwell Level for Last 30 Days, on page 240
- GET: Average Visitor Dwell Time for the Specific Date or Date Range, on page 241
- GET: Average Visitor Dwell Time for Today, on page 242
- GET: Average Visitor Dwell Time for Yesterday, on page 243
- GET: Average Visitor Dwell Time for Last 3 Days, on page 244
- GET: Average Visitor Dwell Time for Last 7 Days, on page 245
- GET: Average Visitor Dwell Time for Last 30 Days, on page 246
- GET: Average Visitor Dwell Time by Dwell Level for a Specific Date or Date Range, on page 247
- GET: Average Visitor Dwell Time by Dwell Level for Today, on page 248
- GET: Average Visitor Dwell Time by Dwell Level for Yesterday, on page 249
- GET: Average Visitor Dwell Time by Dwell Level for Last 3 days, on page 250

- [GET: Return Loaded Instances, on page 251](#)
- [GET: Loaded instances for the Tenant, on page 253](#)
- [GET: Returns Tenants which have Data Loaded, on page 255](#)
- [DELETE: get all tenants which have data loaded, on page 256](#)
- [GET: get all tenants which have data loaded, on page 257](#)
- [DELETE: get all tenants which have data loaded, on page 258](#)
- [DELETE: get all tenants which have data loaded, on page 259](#)
- [GET: Client Detail, on page 260](#)

# Connected Visitors API

## 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

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/count?siteId=<Site ID>&date=<date in yyyy-mm-dd>

### Requires Basic Auth

N

### Parameters

*Table 1: Parameter Details*

| Name   | Required | Default | Type   | Location | Description               |
|--------|----------|---------|--------|----------|---------------------------|
| siteId | Y        | —       | Number | query    | Site ID                   |
| date   | Y        | —       | String | query    | Date in yyyy-mm-dd format |

### Content Type

application/json

### Sample Output

3

## 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 2: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

https://&lt;tenant-id&gt;.cmxcisco.com/api/presence/v1/connected/count/today?siteId=&lt;Site ID&gt;

**Sample Output**

Number

## 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 3: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/count/yesterday?siteId=<Site ID>

**Sample Output**

Number

## 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 4: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/count/3days?siteId=<Site ID>

**Sample Output**

Number

## 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 5: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/count/lastweek?siteId=<Site ID>

**Sample Output**

Number

## 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 6: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/count/lastmonth?siteId=<Site ID>

**Sample Output**

Number

## 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 Basic Auth**

N

**Parameters**

*Table 7: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

https://&lt;tenant-id&gt;.cmxcisco.com/api/presence/v1/connected/total/3days?siteId=&lt;Site ID&gt;

**Sample Output**

Number

## 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 8: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

https://&lt;tenant-id&gt;.cmxcisco.com/api/presence/v1/connected/total/lastweek?siteId=&lt;Site ID&gt;

**Sample Output**

Number

## 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 9: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

https://&lt;tenant-id&gt;.cmxcisco.com/api/presence/v1/connected/total/lastmonth?siteId=&lt;Site ID&gt;

**Sample Output**

Number

## 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 10: 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

**Usage Guidelines**

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/total/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

**Sample Output**

Number

## 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 11: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/hourly/today/?siteId=<Site ID>>

**Sample Output**

```
{
  "0":0,
  "1":0,
  "2":0,
  "3":0,
  "4":0,
  "5":0,
  "6":0,
  "7":0,
  "8":0,
  "9":0
}
```

## 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 12: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/hourly/yesterday/?siteId=<Site ID>>

**Sample Output**

```
{
  "0":0,
  "1":0,
  "2":0,

```

```

    "3": 0,
    "4": 0,
    "5": 0,
    "6": 0,
    "7": 0,
    "8": 0,
    "9": 0
  }

```

## 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 13: 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 14: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/hourly/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

**Sample Output**

```
{
  "0":0,
  "1":0,
  "2":0,
  "3":0,
  "4":0,
  "5":0,
  "6":0,
  "7":0,
  "8":0,
  "9":0
}
```

## 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 15: 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

**Usage Guidelines**

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/daily/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

**Sample Output**

```
{
  "2017-03-01":0,
  "2017-03-02":0,
  "2017-03-03":0,
  "2017-03-04":0,
  "2017-03-05":0,
  "2017-03-06":0,
  "2017-03-07":0,
  "2017-03-08":0,
  "2017-03-09":0,
  "2017-03-10":0
}
```

## 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 16: 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 17: 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 18: 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

**Usage Guidelines**

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/daily/hourcategory/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

**Sample Output**

```
{
  "2017-03-01":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-02":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-03":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-04":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-05":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-06":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  }
}
```

```
},
"2017-03-07":{
  "business_hours":null,
  "evening_hours":null,
  "morning_hours":null
},
"2017-03-08":{
  "business_hours":null,
  "evening_hours":null,
  "morning_hours":null
},
"2017-03-09":{
  "business_hours":null,
  "evening_hours":null,
  "morning_hours":null
},
"2017-03-10":{
  "business_hours":null,
  "evening_hours":null,
  "morning_hours":null
}
}
```

# Repeat Visitors API

## 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 19: 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 20: 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 21: 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 22: 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 23: 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 24: 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 25: 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 26: 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 27: 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

**Usage Guidelines**

<https://<tenant-id>.cmxcisco.com/api/presence/v1/repeatvisitors/count/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

**Sample Output**

```
{
  "DAILY": 0,
  "WEEKLY": 0,
  "OCCASIONAL": 0,
  "FIRST_TIME": 0,
  "YESTERDAY": 0
}
```

## 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 28: 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 29: 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 30: 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 31: 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

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/repeatvisitors/average/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>

**Sample Output**

```
{
  "DAILY": 0,
  "WEEKLY": 0,
  "OCCASIONAL": 0,
  "FIRST_TIME": 0,
  "YESTERDAY": 0
}
```

## 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 32: 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 33: 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 34: 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 35: 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 36: 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

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/repeatvisitors/daily/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>

**Sample Output**

```
{
  "2017-03-01":null,
  "2017-03-02":null,
  "2017-03-03":null,
  "2017-03-04":null,
  "2017-03-05":null,
  "2017-03-06":null,
  "2017-03-07":null,
  "2017-03-08":null,
  "2017-03-09":null,
  "2017-03-10":{
    "DAILY":0,
    "WEEKLY":0,
    "OCCASIONAL":0,
    "FIRST_TIME":0,
    "YESTERDAY":0
  }
}
```

## 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 37: 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 38: Parameter Details*

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

**Content Type**

application/json



# Dwell API

## 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 39: 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

### Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/dwell/count/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

### Sample Output

```
{
  "FIVE_TO_THIRTY_MINUTES":0,
  "THIRTY_TO_SIXTY_MINUTES":0,
  "ONE_TO_FIVE_HOURS":0,
  "FIVE_TO_EIGHT_HOURS":0,
  "EIGHT_PLUS_HOURS":0
}
```

## 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 40: 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 41: 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 42: 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 43: 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 44: 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 45: 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 46: 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 47: 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 48: 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 49: 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 50: 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 51: 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

**Usage Guidelines**

<https://<tenant-id>.cmxcisco.com/api/presence/v1/dwell/dailyaverage/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

**Sample Output**

```
{
  "2017-03-01":null,
  "2017-03-02":null,
  "2017-03-03":null,
  "2017-03-04":null,
  "2017-03-05":null,
  "2017-03-06":null,
  "2017-03-07":null,
  "2017-03-08":null,
  "2017-03-09":null,
  "2017-03-10":{
    "FIVE_TO_THIRTY_MINUTES":0.0,
    "THIRTY_TO_SIXTY_MINUTES":0.0,
    "ONE_TO_FIVE_HOURS":0.0,
    "FIVE_TO_EIGHT_HOURS":0.0,
    "EIGHT_PLUS_HOURS":0.0
  }
}
```

## 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 52: 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 53: 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 54: 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 55: 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 56: 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

**Usage Guidelines**

<https://<tenant-id>.cmxcisco.com/api/presence/v1/dwell/daily/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

### Sample Output

```
{
  "2017-03-01":{
    "FIVE_TO_THIRTY_MINUTES":0,
    "THIRTY_TO_SIXTY_MINUTES":0,
    "ONE_TO_FIVE_HOURS":0,
    "FIVE_TO_EIGHT_HOURS":0,
    "EIGHT_PLUS_HOURS":0
  },
  "2017-03-02":{
    "FIVE_TO_THIRTY_MINUTES":0,
    "THIRTY_TO_SIXTY_MINUTES":0,
    "ONE_TO_FIVE_HOURS":0,
    "FIVE_TO_EIGHT_HOURS":0,
    "EIGHT_PLUS_HOURS":0
  },
  "2017-03-03":{
    "FIVE_TO_THIRTY_MINUTES":0,
    "THIRTY_TO_SIXTY_MINUTES":0,
    "ONE_TO_FIVE_HOURS":0,
    "FIVE_TO_EIGHT_HOURS":0,
    "EIGHT_PLUS_HOURS":0
  },
  "2017-03-04":{
    "FIVE_TO_THIRTY_MINUTES":0,
    "THIRTY_TO_SIXTY_MINUTES":0,
    "ONE_TO_FIVE_HOURS":0,
    "FIVE_TO_EIGHT_HOURS":0,
    "EIGHT_PLUS_HOURS":0
  },
  "2017-03-05":{
    "FIVE_TO_THIRTY_MINUTES":0,
    "THIRTY_TO_SIXTY_MINUTES":0,
    "ONE_TO_FIVE_HOURS":0,
    "FIVE_TO_EIGHT_HOURS":0,
    "EIGHT_PLUS_HOURS":0
  },
  "2017-03-06":{
    "FIVE_TO_THIRTY_MINUTES":0,
    "THIRTY_TO_SIXTY_MINUTES":0,
    "ONE_TO_FIVE_HOURS":0,
    "FIVE_TO_EIGHT_HOURS":0,
    "EIGHT_PLUS_HOURS":0
  },
  "2017-03-07":{
    "FIVE_TO_THIRTY_MINUTES":0,
    "THIRTY_TO_SIXTY_MINUTES":0,
    "ONE_TO_FIVE_HOURS":0,
    "FIVE_TO_EIGHT_HOURS":0,
    "EIGHT_PLUS_HOURS":0
  },
  "2017-03-08":{
    "FIVE_TO_THIRTY_MINUTES":0,
    "THIRTY_TO_SIXTY_MINUTES":0,
    "ONE_TO_FIVE_HOURS":0,
    "FIVE_TO_EIGHT_HOURS":0,
    "EIGHT_PLUS_HOURS":0
  },
  "2017-03-09":{
    "FIVE_TO_THIRTY_MINUTES":0,
    "THIRTY_TO_SIXTY_MINUTES":0,
    "ONE_TO_FIVE_HOURS":0,
    "FIVE_TO_EIGHT_HOURS":0,
  }
}
```

```

    "EIGHT_PLUS_HOURS":0
  },
  "2017-03-10":{
    "FIVE_TO_THIRTY_MINUTES":0,
    "THIRTY_TO_SIXTY_MINUTES":0,
    "ONE_TO_FIVE_HOURS":0,
    "FIVE_TO_EIGHT_HOURS":0,
    "EIGHT_PLUS_HOURS":0
  }
}

```

## 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 57: 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 58: 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 59: 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

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/dwell/average/?siteId=<Site ID>&date=<date in yyyy-mm-dd>

**Sample Output**

0.0

## 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 60: 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 61: 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 62: 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 63: 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 64: 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 65: 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

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/dwell/averagebylevel/?siteId=<Site ID>&date=<date in yyyy-mm-dd>

**Sample Output**

```
{
  "FIVE_TO_THIRTY_MINUTES":0.0,
  "THIRTY_TO_SIXTY_MINUTES":0.0,
  "ONE_TO_FIVE_HOURS":0.0,
  "FIVE_TO_EIGHT_HOURS":0.0,
  "EIGHT_PLUS_HOURS":0.0
}
```

## 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 66: 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 67: 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 68: Parameter Details*

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

**Content Type**

application/json

# Visitors API

## 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 69: 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 70: 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 71: 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 72: 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 73: 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 74: 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 75: 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

**Usage Guidelines**

<https://<tenant-id>.cmxcisco.com/api/presence/v1/visitor/count/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

**Sample Output**

107

## 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 76: Parameter Details*

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

| Name    | Required | Default | Type   | Location | Description |
|---------|----------|---------|--------|----------|-------------|
| 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 77: 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 78: 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 79: 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 80: 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 81: 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 82: 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 83: 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 84: 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

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/hourly/?siteId=<Site ID>&date=<date in yyyy-mm-dd>

**Sample Output**

```
{
  "0":0,
  "1":0,
  "2":0,
  "3":0,
  "4":0,
  "5":0,
  "6":0,
  "7":0,
  "8":0,
  "9":0
}
```

## 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 85: 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 86: 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 87: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/visitor/daily/hourcategory/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "2017-03-01":{
    "business_hours":0,
    "evening_hours":0,
    "morning_hours":0
  },
  "2017-03-02":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-03":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-04":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-05":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-06":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-07":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-08":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  }
}
```

```

    "morning_hours":null
  },
  "2017-03-09":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-10":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  }
}

```

## 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 88: 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 89: 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 90: Parameter Details*

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

**Content Type**

application/json

# Summary API

## 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 91: 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

### Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/kpisummary?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

### Sample Output

```
{
  "visitorCount":107,
  "totalPasserbyCount":0,
  "totalVisitorCount":100,
  "totalConnectedCount":0,
  "connectedPercentage":0,
  "conversionRate":100,
  "averageDwell":0.0,
  "averageDwellByLevels":{
```

```

    "FIVE_TO_THIRTY_MINUTES":{
      "average":0.0,
      "count":0
    },
    "THIRTY_TO_SIXTY_MINUTES":{
      "average":0.0,
      "count":0
    },
    "ONE_TO_FIVE_HOURS":{
      "average":0.0,
      "count":0
    },
    "FIVE_TO_EIGHT_HOURS":{
      "average":0.0,
      "count":0
    },
    "EIGHT_PLUS_HOURS":{
      "average":0.0,
      "count":0
    }
  },
  "topManufacturers":null,
  "peakSummary":null,
  "peakWeekSummary":{
    "peakHour":15,
    "peakDate":"2017-02-28",
    "peakWeek":0,
    "interval":"WEEK",
    "peakHourCount":49,
    "averageHourlyCount":25.01388888888889,
    "hourlyCounts":{
      "0":13,
      "1":13,
      "2":12,
      "3":11,
      "4":12,
      "5":13,
      "6":13,
      "7":15,
      "8":14,
      "9":15,
      "10":21,
      "11":26,
      "12":29,
      "13":31,
      "14":38,
      "15":44,
      "16":46,
      "17":41,
      "18":44,
      "19":38,
      "20":32,
      "21":28,
      "22":25,
      "23":25
    },
    "maxHour":15,
    "maxDay":1,
    "peakDayCount":112,
    "peakHourDay":"2017-02-27"
  },
  "peakMonthSummary":{
    "peakHour":16,
    "peakDate":"2017-03-01",

```

```

    "peakWeek":9,
    "interval":"MONTH",
    "peakHourCount":45,
    "averageHourlyCount":25.5,
    "hourlyCounts":{
      "0":20,
      "1":18,
      "2":14,
      "3":13,
      "4":14,
      "5":17,
      "6":18,
      "7":18,
      "8":19,
      "9":15,
      "10":23,
      "11":22,
      "12":31,
      "13":28,
      "14":37,
      "15":41,
      "16":45,
      "17":43,
      "18":42,
      "19":33,
      "20":29,
      "21":28,
      "22":26,
      "23":18
    },
    "maxHour":16,
    "maxDay":3,
    "peakDayCount":100,
    "peakHourDay":"2017-03-01"
  }
}

```

## 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 92: 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 93: 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 94: 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 95: 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 96: 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 97: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/insights/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "weekStatus":null,
  "monthStatus":null,
  "yesterdayStatus":null,
  "weekStats":{
    "peakDay":"2017-02-28",
    "busiestHour":0,
    "peakCount":112,
    "busiestDay":0,
    "hourlyAverage":25.0138888888889,
    "peakHour":15,
    "peakHourCount":49,
    "peakHourDay":"2017-02-27",
    "busiestWeekDate":"2017-03-01",
    "busiestMonthDate":null
  },
  "monthStats":{
    "peakDay":"2017-03-01",
    "busiestHour":16,
    "peakCount":100,
    "busiestDay":3,
    "hourlyAverage":25.5,
    "peakHour":16,
    "peakHourCount":45,
    "peakHourDay":"2017-03-01",
    "busiestWeekDate":null,
    "busiestMonthDate":"2017-03-01"
  },
  "weekRepeatVisitorStats":{
    "DAILY":{
      "peakDay":"2017-03-01",
      "busiestHour":0,
      "peakCount":60,
      "busiestDay":-1,
      "hourlyAverage":14.6111111111111,
      "peakHour":18,
      "peakHourCount":34,

```

```

        "peakHourDay":null,
        "busiestWeekDate":null,
        "busiestMonthDate":null
    },
    "WEEKLY":{
        "peakDay":"2017-02-27",
        "busiestHour":16,
        "peakCount":27,
        "busiestDay":-1,
        "hourlyAverage":5.375,
        "peakHour":16,
        "peakHourCount":19,
        "peakHourDay":null,
        "busiestWeekDate":null,
        "busiestMonthDate":null
    },
    "OCCASIONAL":{
        "peakDay":"2017-02-28",
        "busiestHour":0,
        "peakCount":20,
        "busiestDay":-1,
        "hourlyAverage":2.4444444444444444,
        "peakHour":19,
        "peakHourCount":6,
        "peakHourDay":null,
        "busiestWeekDate":null,
        "busiestMonthDate":null
    },
    "FIRST_TIME":{
        "peakDay":"2017-02-27",
        "busiestHour":0,
        "peakCount":24,
        "busiestDay":-1,
        "hourlyAverage":1.888888888888889,
        "peakHour":15,
        "peakHourCount":6,
        "peakHourDay":null,
        "busiestWeekDate":null,
        "busiestMonthDate":null
    },
    "YESTERDAY":{
        "peakDay":null,
        "busiestHour":0,
        "peakCount":0,
        "busiestDay":0,
        "hourlyAverage":0.0,
        "peakHour":0,
        "peakHourCount":0,
        "peakHourDay":null,
        "busiestWeekDate":null,
        "busiestMonthDate":null
    }
},
"monthRepeatVisitorStats":{
    "DAILY":{
        "peakDay":"2017-03-01",
        "busiestHour":18,
        "peakCount":60,
        "busiestDay":-1,
        "hourlyAverage":18.41666666666667,
        "peakHour":18,
        "peakHourCount":34,
        "peakHourDay":null,
        "busiestWeekDate":null,
    }
}

```

```

        "busiestMonthDate":null
    },
    "WEEKLY":{
        "peakDay":"2017-03-01",
        "busiestHour":22,
        "peakCount":18,
        "busiestDay":-1,
        "hourlyAverage":3.75,
        "peakHour":22,
        "peakHourCount":6,
        "peakHourDay":null,
        "busiestWeekDate":null,
        "busiestMonthDate":null
    },
    "OCCASIONAL":{
        "peakDay":"2017-03-01",
        "busiestHour":7,
        "peakCount":8,
        "busiestDay":-1,
        "hourlyAverage":1.8333333333333333,
        "peakHour":7,
        "peakHourCount":4,
        "peakHourDay":null,
        "busiestWeekDate":null,
        "busiestMonthDate":null
    },
    "FIRST_TIME":{
        "peakDay":"2017-03-01",
        "busiestHour":16,
        "peakCount":14,
        "busiestDay":-1,
        "hourlyAverage":1.5,
        "peakHour":16,
        "peakHourCount":5,
        "peakHourDay":null,
        "busiestWeekDate":null,
        "busiestMonthDate":null
    },
    "YESTERDAY":{
        "peakDay":null,
        "busiestHour":0,
        "peakCount":0,
        "busiestDay":0,
        "hourlyAverage":0.0,
        "peakHour":0,
        "peakHourCount":0,
        "peakHourDay":null,
        "busiestWeekDate":null,
        "busiestMonthDate":null
    }
}
}
}

```

# Clients API

## 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 98: Parameter Details*

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

### Content Type

application/json

### Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/excluded?siteId=<Site ID>

### Sample Output

```
{
  "repeat":0,
  "dwell":0,
  "ssid":0
}
```

## 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

**Usage Guidelines**

https://&lt;tenant-id&gt;.cmxcisco.com/api/presence/v1/excluded?siteId=&lt;Site ID&gt;

**Sample Output**

```
[
  {
    "siteEntries":{
      "1487056035936":{
        "macAddress":"ac:c3:3a:87:5c:79",
        "status":"PASSERBY",
        "siteId":1487056035936,
        "siteName":"PSL NOC",
        "firstRssiTime":1488360873407,
        "lastRssiTime":1488360873407,
        "lastMarkedPasserBy":1488360873407,
        "firstMarkedVisitor":0,
        "lastMarkedVisitor":0,
        "firstMarkedAssociated":0,
        "lastMarkedAssociated":0,
        "lastInfoTime":0,
        "rssi":-83,
        "currentApMacAddress":"00:2a:10:f8:87:50",
        "currentApName":null,
        "lastApMacAddress":null,
        "lastApName":null,
        "controller":"10.222.175.13",
        "firstRssiTimeStamp":"2017-03-01 09:34:407",
        "lastRssiTimeStamp":"2017-03-01 09:34:407",
        "lastMarkedPasserByTimeStamp":"2017-03-01 09:34:407",
        "firstMarkedVisitorTimeStamp":"null",
        "lastMarkedVisitorTimeStamp":"null",
        "lastMarkedAssociatedTimeStamp":"null",
        "firstMarkedAssociatedTimeStamp":"null",
        "lastInfoTimeStamp":"null",
        "lastHeard":1488360873407
      }
    },
    "macAddress":"ac:c3:3a:87:5c:79",
    "changedOn":1488360873407,
    "status":"PASSERBY",
  }
]
```



```

    "ipv4Address":null,
    "ipv6Address":null,
    "ssid":null,
    "bytesReceived":0,
    "bytesSent":0,
    "lastSiteId":0,
    "currentSiteId":1487056035936,
    "rssi":-83,
    "currentSiteName":"PSL NOC",
    "changedOnTimeStamp":"2017-03-01 09:34:407",
    "lastApMacAddress":"","
    "currentApMacAddress":"00:2a:10:f8:87:50",
    "currentApName":null,
    "lastApName":"","
    "lastSiteName":""
  },
  {
    "siteEntries":{
      "1487056035936":{
        "macAddress":"cc:61:e5:88:f0:d8",
        "status":"PASSERBY",
        "siteId":1487056035936,
        "siteName":"PSL NOC",
        "firstRssiTime":1488360977448,
        "lastRssiTime":1488361771824,
        "lastMarkedPasserBy":1488361771824,
        "firstMarkedVisitor":0,
        "lastMarkedVisitor":0,
        "firstMarkedAssociated":0,
        "lastMarkedAssociated":0,
        "lastInfoTime":0,
        "rssi":-84,
        "currentApMacAddress":"84:3d:c6:14:73:50",
        "currentApName":null,
        "lastApMacAddress":"00:2a:10:f8:87:50",
        "lastApName":null,
        "controller":"10.222.175.13",
        "firstRssiTimeStamp":"2017-03-01 09:36:448",
        "lastRssiTimeStamp":"2017-03-01 09:49:824",
        "lastMarkedPasserByTimeStamp":"2017-03-01 09:49:824",
        "firstMarkedVisitorTimeStamp":"null",
        "lastMarkedVisitorTimeStamp":"null",
        "lastMarkedAssociatedTimeStamp":"null",
        "firstMarkedAssociatedTimeStamp":"null",
        "lastInfoTimeStamp":"null",
        "lastHeard":1488361771824
      },
      "1487260407843":{
        "macAddress":"cc:61:e5:88:f0:d8",
        "status":"PASSERBY",
        "siteId":1487260407843,
        "siteName":"NOC",
        "firstRssiTime":1488361225740,
        "lastRssiTime":1488361589829,
        "lastMarkedPasserBy":1488361589829,
        "firstMarkedVisitor":0,
        "lastMarkedVisitor":0,
        "firstMarkedAssociated":0,
        "lastMarkedAssociated":0,
        "lastInfoTime":0,
        "rssi":-82,
        "currentApMacAddress":"84:3d:c6:0a:bb:80",
        "currentApName":null,
        "lastApMacAddress":null,

```

```

        "lastApName":null,
        "controller":"10.222.175.13",
        "firstRssiTimeStamp":"2017-03-01 09:40:740",
        "lastRssiTimeStamp":"2017-03-01 09:46:829",
        "lastMarkedPasserByTimeStamp":"2017-03-01 09:46:829",
        "firstMarkedVisitorTimeStamp":"null",
        "lastMarkedVisitorTimeStamp":"null",
        "lastMarkedAssociatedTimeStamp":"null",
        "firstMarkedAssociatedTimeStamp":"null",
        "lastInfoTimeStamp":"null",
        "lastHeard":1488361589829
    }
},
"macAddress":"cc:61:e5:88:f0:d8",
"changedOn":1488361771824,
"status":"PASSERBY",
"ipv4Address":null,
"ipv6Address":null,
"ssid":null,
"bytesReceived":0,
"bytesSent":0,
"lastSiteId":1487056035936,
"currentSiteId":1487056035936,
"rssi":-84,
"currentSiteName":"PSL NOC",
"changedOnTimeStamp":"2017-03-01 09:49:824",
"lastApMacAddress":"84:3d:c6:14:73:50",
"currentApMacAddress":"84:3d:c6:14:73:50",
"currentApName":null,
"lastApName":null,
"lastSiteName":"PSL NOC"
},
{
"siteEntries":{
"1487056035936":{
"macAddress":"dc:1a:c5:4c:c7:d3",
"status":"PASSERBY",
"siteId":1487056035936,
"siteName":"PSL NOC",
"firstRssiTime":1488361425736,
"lastRssiTime":1488361425736,
"lastMarkedPasserBy":1488361425736,
"firstMarkedVisitor":0,
"lastMarkedVisitor":0,
"firstMarkedAssociated":0,
"lastMarkedAssociated":0,
"lastInfoTime":0,
"rssi":-87,
"currentApMacAddress":"00:2a:10:ee:40:40",
"currentApName":null,
"lastApMacAddress":null,
"lastApName":null,
"controller":"10.222.175.13",
"firstRssiTimeStamp":"2017-03-01 09:43:736",
"lastRssiTimeStamp":"2017-03-01 09:43:736",
"lastMarkedPasserByTimeStamp":"2017-03-01 09:43:736",
"firstMarkedVisitorTimeStamp":"null",
"lastMarkedVisitorTimeStamp":"null",
"lastMarkedAssociatedTimeStamp":"null",
"firstMarkedAssociatedTimeStamp":"null",
"lastInfoTimeStamp":"null",
"lastHeard":1488361425736
}
}
},

```

```

    "macAddress": "dc:1a:c5:4c:c7:d3",
    "changedOn": 1488361427739,
    "status": "PASSERBY",
    "ipv4Address": null,
    "ipv6Address": null,
    "ssid": null,
    "bytesReceived": 0,
    "bytesSent": 0,
    "lastSiteId": 1487056035936,
    "currentSiteId": 1487056035936,
    "rssi": -87,
    "currentSiteName": "PSL NOC",
    "changedOnTimeStamp": "2017-03-01 09:43:739",
    "lastApMacAddress": "00:2a:10:ee:40:40",
    "currentApMacAddress": "00:2a:10:ee:40:40",
    "currentApName": null,
    "lastApName": null,
    "lastSiteName": "PSL NOC"
  },
  {
    "siteEntries": {
      "1487056035936": {
        "macAddress": "00:08:22:be:76:bb",
        "status": "PASSERBY",
        "siteId": 1487056035936,
        "siteName": "PSL NOC",
        "firstRssiTime": 1488359961555,
        "lastRssiTime": 1488360953775,
        "lastMarkedPasserBy": 1488360953775,
        "firstMarkedVisitor": 0,
        "lastMarkedVisitor": 0,
        "firstMarkedAssociated": 0,
        "lastMarkedAssociated": 0,
        "lastInfoTime": 0,
        "rssi": -81,
        "currentApMacAddress": "00:2a:10:ee:40:40",
        "currentApName": null,
        "lastApMacAddress": "84:3d:c6:14:73:50",
        "lastApName": null,
        "controller": "10.222.175.13",
        "firstRssiTimeStamp": "2017-03-01 09:19:555",
        "lastRssiTimeStamp": "2017-03-01 09:35:775",
        "lastMarkedPasserByTimeStamp": "2017-03-01 09:35:775",
        "firstMarkedVisitorTimeStamp": "null",
        "lastMarkedVisitorTimeStamp": "null",
        "lastMarkedAssociatedTimeStamp": "null",
        "firstMarkedAssociatedTimeStamp": "null",
        "lastInfoTimeStamp": "null",
        "lastHeard": 1488360953775
      },
      "1487260407843":
    ...<etc>

```

## GET: Client Detail

### Description

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

**HTTP Method**

GET

**Resource URI**

/api/presence/v1/clients/macaddress

**Requires OAuth**

N

**Parameters***Table 99: Parameter Details*

| Name       | Required | Default | Type   | Location    | Description |
|------------|----------|---------|--------|-------------|-------------|
| macaddress | Y        | —       | String | pathReplace | MAC address |
| site-id    | Y        | —       | String | pathReplace | Site ID     |

**Content Type**

application/json

**Usage Guidelines**

https://&lt;tenant-id&gt;.cmxcisco.com/api/presence/v1/clients?siteId=&lt;Site ID&gt;&amp;macaddress=&lt;MAC address&gt;

**Sample Output**

```
[
  {
    "siteEntries":{
      "1487056035936":{
        "macAddress":"50:c8:e5:c5:ba:f0",
        "status":"PASSERBY",
        "siteId":1487056035936,
        "siteName":"PSL NOC",
        "firstRssiTime":1488362139553,
        "lastRssiTime":1488362515548,
        "lastMarkedPasserBy":1488362515548,
        "firstMarkedVisitor":0,
        "lastMarkedVisitor":0,
        "firstMarkedAssociated":0,
        "lastMarkedAssociated":0,
        "lastInfoTime":0,
        "rssi":-88,
        "currentApMacAddress":"00:2a:10:f8:87:50",
        "currentApName":null,
        "lastApMacAddress":null,
        "lastApName":null,
        "controller":"10.222.175.13",
        "firstRssiTimeStamp":"2017-03-01 09:55:553",
        "lastRssiTimeStamp":"2017-03-01 10:01:548",
        "lastMarkedPasserByTimeStamp":"2017-03-01 10:01:548",
        "firstMarkedVisitorTimeStamp":"null",
        "lastMarkedVisitorTimeStamp":"null",
        "lastMarkedAssociatedTimeStamp":"null",
        "firstMarkedAssociatedTimeStamp":"null",
      }
    }
  }
]
```

```

        "lastInfoTimeStamp":"null",
        "lastHeard":1488362515548
    },
    "1487260407843":{
        "macAddress":"50:c8:e5:c5:ba:f0",
        "status":"PASSERBY",
        "siteId":1487260407843,
        "siteName":"NOC",
        "firstRssiTime":1488362141536,
        "lastRssiTime":1488362513641,
        "lastMarkedPasserBy":1488362513641,
        "firstMarkedVisitor":0,
        "lastMarkedVisitor":0,
        "firstMarkedAssociated":0,
        "lastMarkedAssociated":0,
        "lastInfoTime":0,
        "rssi":-92,
        "currentApMacAddress":"84:3d:c6:0a:bb:80",
        "currentApName":null,
        "lastApMacAddress":null,
        "lastApName":null,
        "controller":"10.222.175.13",
        "firstRssiTimeStamp":"2017-03-01 09:55:536",
        "lastRssiTimeStamp":"2017-03-01 10:01:641",
        "lastMarkedPasserByTimeStamp":"2017-03-01 10:01:641",
        "firstMarkedVisitorTimeStamp":"null",
        "lastMarkedVisitorTimeStamp":"null",
        "lastMarkedAssociatedTimeStamp":"null",
        "firstMarkedAssociatedTimeStamp":"null",
        "lastInfoTimeStamp":"null",
        "lastHeard":1488362513641
    }
},
"macAddress":"50:c8:e5:c5:ba:f0",
"changedOn":1488362527563,
"status":"PASSERBY",
"ipv4Address":null,
"ipv6Address":null,
"ssid":null,
"bytesReceived":0,
"bytesSent":0,
"lastSiteId":1487056035936,
"currentSiteId":1487056035936,
"rssi":-92,
"currentSiteName":"PSL NOC",
"changedOnTimeStamp":"2017-03-01 10:02:563",
"lastApMacAddress":"00:2a:10:f8:87:50",
"currentApMacAddress":"00:2a:10:f8:87:50",
"currentApName":null,
"lastApName":null,
"lastSiteName":"PSL NOC"
},
{
    "siteEntries":{
        "1487056035936":{
            "macAddress":"cc:61:e5:88:f0:d8",
            "status":"PASSERBY",
            "siteId":1487056035936,
            "siteName":"PSL NOC",
            "firstRssiTime":1488360977448,
            "lastRssiTime":1488361771824,
            "lastMarkedPasserBy":1488361771824,
            "firstMarkedVisitor":0,
            "lastMarkedVisitor":0,

```

```

    "firstMarkedAssociated":0,
    "lastMarkedAssociated":0,
    "lastInfoTime":0,
    "rssi":-84,
    "currentApMacAddress":"84:3d:c6:14:73:50",
    "currentApName":null,
    "lastApMacAddress":"00:2a:10:f8:87:50",
    "lastApName":null,
    "controller":"10.222.175.13",
    "firstRssiTimeStamp":"2017-03-01 09:36:448",
    "lastRssiTimeStamp":"2017-03-01 09:49:824",
    "lastMarkedPasserByTimeStamp":"2017-03-01 09:49:824",
    "firstMarkedVisitorTimeStamp":"null",
    "lastMarkedVisitorTimeStamp":"null",
    "lastMarkedAssociatedTimeStamp":"null",
    "firstMarkedAssociatedTimeStamp":"null",
    "lastInfoTimeStamp":"null",
    "lastHeard":1488361771824
  },
  "1487260407843":{
    "macAddress":"cc:61:e5:88:f0:d8",
    "status":"PASSERBY",
    "siteId":1487260407843,
    "siteName":"NOC",
    "firstRssiTime":1488361225740,
    "lastRssiTime":1488361589829,
    "lastMarkedPasserBy":1488361589829,
    "firstMarkedVisitor":0,
    "lastMarkedVisitor":0,
    "firstMarkedAssociated":0,
    "lastMarkedAssociated":0,
    "lastInfoTime":0,
    "rssi":-82,
    "currentApMacAddress":"84:3d:c6:0a:bb:80",
    "currentApName":null,
    "lastApMacAddress":null,
    "lastApName":null,
    "controller":"10.222.175.13",
    "firstRssiTimeStamp":"2017-03-01 09:40:740",
    "lastRssiTimeStamp":"2017-03-01 09:46:829",
    "lastMarkedPasserByTimeStamp":"2017-03-01 09:46:829",
    "firstMarkedVisitorTimeStamp":"null",
    "lastMarkedVisitorTimeStamp":"null",
    "lastMarkedAssociatedTimeStamp":"null",
    "firstMarkedAssociatedTimeStamp":"null",
    "lastInfoTimeStamp":"null",
    "lastHeard":1488361589829
  }
},
"macAddress":"cc:61:e5:88:f0:d8",
"changedOn":1488361771824,
"status":"PASSERBY",
"ipv4Address":null,
"ipv6Address":null,
"ssid":null,
"bytesReceived":0,
"bytesSent":0,
"lastSiteId":1487056035936,
"currentSiteId":1487056035936,
"rssi":-84,
"currentSiteName":"PSL NOC",
"changedOnTimeStamp":"2017-03-01 09:49:824",
"lastApMacAddress":"84:3d:c6:14:73:50",
"currentApMacAddress":"84:3d:c6:14:73:50",

```

```
"currentApName":null,
"lastApName":null,
"lastSiteName":"PSL NOC"
},
{
  "siteEntries":{
    "1487056035936":{
      "macAddress":"b4:ce:f6:6e:9d:ea",
      "status":"PASSERBY",
      "siteId":1487056035936,
      "siteName":"PSL NOC",
      "firstRssiTime":1488357877311,
      "lastRssiTime":1488362333581,
      "lastMarkedPasserBy":1488362333581,
      "firstMarkedVisitor":0,
      "lastMarkedVisitor":0,
      "firstMarkedAssociated":0,
      "lastMarkedAssociated":0,
      "lastInfoTime":0,
      "rssi":-90,
      "currentApMacAddress":"00:2a:10:f8:87:50",
      "currentApName":null,
      "lastApMacAddress":"84:3d:c6:14:73:50",
      "lastApName":null,
      "controller":"10.222.175.13",
      "firstRssiTimeStamp":"2017-03-01 08:44:311",
      "lastRssiTimeStamp":"2017-03-01 09:58:581",
      "lastMarkedPasserByTimeStamp":"2017-03-01 09:58:581",
      "firstMarkedVisitorTimeStamp":"null",
      "lastMarkedVisitorTimeStamp":"null",
      "lastMarkedAssociatedTimeStamp":"null",
      "firstMarkedAssociatedTimeStamp":"null",
      "lastInfoTimeStamp":"null",
      "lastHeard":1488362333581
    },
    "1487260407843":{
      "macAddress":"b4:ce:f6:6e:9d:ea",
      "status":"PASSERBY",
      "siteId":1487260407843,
      "siteName":"NOC",
      "firstRssiTime":1488357852934,
      "lastRssiTime":1488362696100,
      "lastMarkedPasserBy":1488362696100,
      "firstMarkedVisitor":0,
      "lastMarkedVisitor":0,
      "firstMarkedAssociated":0,
      "lastMarkedAssociated":0,
      "lastInfoTime":0,
      "rssi":-95,
      "currentApMacAddress":"84:3d:c6:0a:bb:80",
      "currentApName":null,
      "lastApMacAddress":null,
      "lastApName":null,
      "controller":"10.222.175.13",
      "firstRssiTimeStamp":"2017-03-01 08:44:934",
      "lastRssiTimeStamp":"2017-03-01 10:04:100",
      "lastMarkedPasserByTimeStamp":"2017-03-01 10:04:100",
      "firstMarkedVisitorTimeStamp":"null",
      "lastMarkedVisitorTimeStamp":"null",
      "lastMarkedAssociatedTimeStamp":"null",
      "firstMarkedAssociatedTimeStamp":"null",
      "lastInfoTimeStamp":"null",
      "lastHeard":1488362696100
    }
  }
}
```

```

    },
    "macAddress": "b4:ce:f6:6e:9d:ea",
    "changedOn": 1488362696100,
    "status": "PASSERBY",
    "ipv4Address": null,
    "ipv6Address": null,
    "ssid": null,
    "bytesReceived": 0,
    "bytesSent": 0,
    "lastSiteId": 1487260407843,
    "currentSiteId": 1487260407843,
    "rssi": -95,
    "currentSiteName": "NOC",
    "changedOnTimeStamp": "2017-03-01 10:04:100",
    "lastApMacAddress": "84:3d:c6:0a:bb:80",
    "currentApMacAddress": "84:3d:c6:0a:bb:80",
    "currentApName": null,
    "lastApName": null,
    "lastSiteName": "NOC"
  },
  {
    "siteEntries": {
      "1487260407843":

```

## GET: Active Client Counts

### Description

This API returns the count of active clients that are currently being tracked.

### HTTP Method

GET

### Resource URI

/api/presence/v1/clients/count

### Requires Basic Auth

N

### Parameters

None.

### Content Type

application/json



## API History

*Table 100: API History*

| <b>Release</b>         | <b>Modification</b>     |
|------------------------|-------------------------|
| Cisco CMX Release 10.4 | This API is introduced. |

# Passersby API

## 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/passersby/count/today

### Requires OAuth

N

### Parameters

*Table 101: Parameter Details*

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

### Content Type

application/json

### Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/count/today?siteId=<Site ID>

### Sample Output

Number

## GET: Count of Passersby Yesterday

### Description

This API returns the count of passersby seen yesterday.

### HTTP Method

GET

**Resource URI**

/api/presence/v1/passersby/count/yesterday

**Requires OAuth**

N

**Parameters**

*Table 102: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/count/yesterday?siteId=<Site ID>

**Sample Output**

Number

## 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/passersby/count/3days

**Parameters**

*Table 103: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines** <https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/count/3days?siteId=<Site ID>>

**Sample Output**

Number

## 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/passersby/count/lastweek

**Requires OAuth**

N

**Parameters**

*Table 104: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines** <https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/count/lastweek?siteId=<Site ID>>

**Sample Output**

Number

## 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/passergy/count/lastmonth

**Parameters***Table 105: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/passergy/count/lastmonth?siteId=<Site ID>

**Sample Output**

Number

## 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/passergy/total

**Parameters***Table 106: Parameter Details*

| Name      | Required | Default | Type   | Location | Description                        |
|-----------|----------|---------|--------|----------|------------------------------------|
| siteId    | Y        | —       | Number | query    | Site ID                            |
| startDate | Y        | —       | String | query    | Start Date in format of yyyy-mm-dd |
| endDate   | Y        | —       | String | query    | End Date in format of yyyy-mm-dd   |

**Content Type**

application/json

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/passerby/total?siteId=<Site ID>&startDate=yyyy-mm-dd&endDate=yyyy-mm-dd

**Sample Output**

Number

## 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 107: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/passerby/total/3days?siteId=<Site ID>

**Sample Output**

Number

## 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 108: Parameter Details*

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

### Content Type

application/json

### Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passerby/total/lastweek?siteId=<Site ID>

### Sample Output

Number

## 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 109: Parameter Details*

| Name   | Required | Default | Type   | Location | Description                  |
|--------|----------|---------|--------|----------|------------------------------|
| siteId | Y        | —       | Number | query    | Site ID                      |
| date   | Y        | —       | String | query    | Date in format of yyyy-mm-dd |

**Content Type**

application/json

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/passerby/count?siteId=<Site ID>&date=<date in yyyy-mm-dd>

**Sample Output**

Number

## 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 110: Parameter Details*

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



**Content Type**

application/json

**Usage Guidelines**

https://&lt;tenant-id&gt;.cmxcisco.com/api/presence/v1/passersby/total/lastmonth?siteId=&lt;Site ID&gt;

**Sample Output**

Number

## 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/passersby/hourly/today

**Requires OAuth**

N

**Parameters***Table 111: Parameter Details*

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

**Content Type**

application/json

**Usage Guidelines**

https://&lt;tenant-id&gt;.cmxcisco.com/api/presence/v1/passersby/hourly/today?siteId=&lt;Site ID&gt;

**Sample Output**

```
{
  "0":85,
  "1":45,
  "2":42,
  "3":45,
  "4":46,
  "5":48,
  "6":89,
  "7":180,
  "8":316,
```

```

    "9":618,
    "10":886,
    "11":587,
    "12":263
  }

```

## GET: Hourly Count of Passersby Yesterday

### Description

This API returns the hourly count of passersby yesterday.

### HTTP Method

GET

### Resource URI

/api/presence/v1/passersby/hourly/yesterday

### Requires OAuth

N

### Parameters

*Table 112: Parameter Details*

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

### Content Type

application/json

### Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/hourly/yesterday?siteId=<Site ID>

### Sample Output

```

{
  "0":85,
  "1":45,
  "2":42,
  "3":45,
  "4":46,
  "5":48,
  "6":89,
  "7":180,
  "8":316,
  "9":618,
  "10":886,
  "11":587,
  "12":263
}

```

## 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/passersby/hourly/3days

### Requires OAuth

N

### Parameters

*Table 113: Parameter Details*

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

### Content Type

application/json

### Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/hourly/3days?siteId=<Site ID>

### Sample Output

```
{
  "2017-02-27": {
    "0": 0,
    "1": 61,
    "2": 71,
    "3": 71,
    "4": 19,
    "5": 43,
    "6": 119,
    "7": 182,
    "8": 352,
    "9": 732,
    "10": 887,
    "11": 681,
    "12": 643,
    "13": 834,
    "14": 690,
    "15": 605,
    "16": 701,
    "17": 916,
    "18": 990,
    "19": 1124,
  }
}
```

```
        "20":902,  
        "21":604,  
        "22":314,  
        "23":150  
    },  
    "2017-02-28":{  
        "0":143,  
        "1":47,  
        "2":34,  
        "3":39,  
        "4":62,  
        "5":35,  
        "6":71,  
        "7":159,  
        "8":298,  
        "9":739,  
        "10":820,  
        "11":648,  
        "12":577,  
        "13":664,  
        "14":702,  
        "15":542,  
        "16":604,  
        "17":725,  
        "18":1112,  
        "19":1097,  
        "20":919,  
        "21":706,  
        "22":477,  
        "23":188  
    },  
    "2017-03-01":{  
        "0":85,  
        "1":45,  
        "2":42,  
        "3":45,  
        "4":46,  
        "5":48,  
        "6":89,  
        "7":180,  
        "8":316,  
        "9":618,  
        "10":886,  
        "11":587,  
        "12":288  
    }  
}
```

## 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/passersby/hourly

**Requires OAuth**

N

**Parameters***Table 114: Parameter Details*

| Name   | Required | Default | Type   | Location | Description                  |
|--------|----------|---------|--------|----------|------------------------------|
| siteId | Y        | —       | Number | query    | Site ID                      |
| date   | Y        | —       | String | query    | Date in format of yyyy-mm-dd |

**Content Type**

application/json

**Usage Guidelines**

https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/hourly?siteId=<Site ID>&date=<date in yyyy-mm-dd>

**Sample Output**

```
{
  "0": 85,
  "1": 45,
  "2": 42,
  "3": 45,
  "4": 46,
  "5": 48,
  "6": 89,
  "7": 180,
  "8": 316,
  "9": 618,
  "10": 886,
  "11": 586,
  "12": 321
}
```

## 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/passersby/daily

**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 in yyyy-mm-dd format |
| endDate   | Y        | —       | String | query    | End Date in yyyy-mm-dd format   |

**Content Type**

application/json

**Usage Guidelines**

<https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/daily?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

**Sample Output**

```
{
  "2017-02-01":0,
  "2017-02-02":0,
  "2017-02-03":0,
  "2017-02-04":0,
  "2017-02-05":0,
  "2017-02-06":0,
  "2017-02-07":0,
  "2017-02-08":0,
  "2017-02-09":0,
  "2017-02-10":0,
  "2017-02-11":0,
  "2017-02-12":0,
  "2017-02-13":0,
  "2017-02-14":7221,
  "2017-02-15":8461,
  "2017-02-16":12151,
  "2017-02-17":11309,
  "2017-02-18":11968,
  "2017-02-19":8076,
  "2017-02-20":11406,
  "2017-02-21":8776,
  "2017-02-22":10403,
  "2017-02-23":10149,
  "2017-02-24":9566,
```

```

    "2017-02-25":9215,
    "2017-02-26":7042,
    "2017-02-27":10073,
    "2017-02-28":9599,
    "2017-03-01":4438
  }

```

## 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/passersby/daily/lastweek

### Requires OAuth

N

### Parameters

Table 116: Parameter Details

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

### Content Type

application/json

### Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/daily/lastweek?siteId=<Site ID>

### Sample Output

```

{
  "2017-02-01":0,
  "2017-02-02":0,
  "2017-02-03":0,
  "2017-02-04":0,
  "2017-02-05":0,
  "2017-02-06":0,
  "2017-02-07":0,
  "2017-02-08":0,
  "2017-02-09":0,
  "2017-02-10":0,
  "2017-02-11":0,
  "2017-02-12":0,
  "2017-02-13":0,
  "2017-02-14":7221,

```

```

    "2017-02-15":8461,
    "2017-02-16":12151,
    "2017-02-17":11309,
    "2017-02-18":11968,
    "2017-02-19":8076,
    "2017-02-20":11406,
    "2017-02-21":8776,
    "2017-02-22":10403,
    "2017-02-23":10149,
    "2017-02-24":9566,
    "2017-02-25":9215,
    "2017-02-26":7042,
    "2017-02-27":10073,
    "2017-02-28":9599,
    "2017-03-01":4438
  }

```

## 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/passersby/daily/lastmonth

### Requires OAuth

N

### Parameters

*Table 117: Parameter Details*

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

### Content Type

application/json

### Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/daily/lastmonth?siteId=<Site ID>>

### Sample Output

```

{
  "2017-01-31":0,
  "2017-02-01":0,
  "2017-02-02":0,
  "2017-02-03":0,

```



```

"2017-02-04":0,
"2017-02-05":0,
"2017-02-06":0,
"2017-02-07":0,
"2017-02-08":0,
"2017-02-09":0,
"2017-02-10":0,
"2017-02-11":0,
"2017-02-12":0,
"2017-02-13":0,
"2017-02-14":7221,
"2017-02-15":8461,
"2017-02-16":12151,
"2017-02-17":11309,
"2017-02-18":11968,
"2017-02-19":8076,
"2017-02-20":11406,
"2017-02-21":8776,
"2017-02-22":10403,
"2017-02-23":10149,
"2017-02-24":9566,
"2017-02-25":9215,
"2017-02-26":7042,
"2017-02-27":10073,
"2017-02-28":9599,
"2017-03-01":4483
}

```

## 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/passersby/daily/hourcategory

### Requires OAuth

N

### Parameters

*Table 118: Parameter Details*

| Name      | Required | Default | Type   | Location | Description                     |
|-----------|----------|---------|--------|----------|---------------------------------|
| siteId    | Y        | —       | Number | query    | Site ID                         |
| startDate | Y        | —       | String | query    | Start Date in yyyy-mm-dd format |

| Name    | Required | Default | Type   | Location | Description                   |
|---------|----------|---------|--------|----------|-------------------------------|
| endDate | Y        | —       | String | query    | End Date in yyyy-mm-dd format |

### Content Type

application/json

### Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/daily/hourcategory?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

### Sample Output

```
{
  "2017-02-01": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  },
  "2017-02-02": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  },
  "2017-02-03": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  },
  "2017-02-04": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  },
  "2017-02-05": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  },
  "2017-02-06": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  },
  "2017-02-07": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  },
  "2017-02-08": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  },
  "2017-02-09": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  }
}
```

```
},
"2017-02-10":{
  "business_hours":null,
  "evening_hours":null,
  "morning_hours":null
},
"2017-02-11":{
  "business_hours":null,
  "evening_hours":null,
  "morning_hours":null
},
"2017-02-12":{
  "business_hours":null,
  "evening_hours":null,
  "morning_hours":null
},
"2017-02-13":{
  "business_hours":null,
  "evening_hours":null,
  "morning_hours":null
},
"2017-02-14":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-15":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-16":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-17":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-18":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-19":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-20":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-21":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-22":{
  "business_hours":0,
  "evening_hours":0,
```

```
    "morning_hours":0
  },
  "2017-02-23":{
    "business_hours":0,
    "evening_hours":0,
    "morning_hours":0
  },
  "2017-02-24":{
    "business_hours":0,
    "evening_hours":0,
    "morning_hours":0
  },
  "2017-02-25":{
    "business_hours":0,
    "evening_hours":0,
    "morning_hours":0
  },
  "2017-02-26":{
    "business_hours":0,
    "evening_hours":0,
    "morning_hours":0
  },
  "2017-02-27":{
    "business_hours":0,
    "evening_hours":0,
    "morning_hours":0
  },
  "2017-02-28":{
    "business_hours":0,
    "evening_hours":0,
    "morning_hours":0
  },
  "2017-03-01":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  }
}
```

# 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/passersby/count/today

## Requires OAuth

N

## Parameters

*Table 119: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/count/today?siteId=<Site ID>

## Sample Output

Number

# GET: Count of Passersby Yesterday

## Description

This API returns the count of passersby seen yesterday.

## HTTP Method

GET

## Resource URI

/api/presence/v1/passersby/count/yesterday

## Requires OAuth

N

## Parameters

*Table 120: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/count/yesterday?siteId=<Site ID>

## Sample Output

Number

# 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/passersby/count/3days

## Parameters

Table 121: Parameter Details

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/count/3days?siteId=<Site ID>

## Sample Output

Number

# 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/passersby/count/lastweek

## Requires OAuth

N

## Parameters

*Table 122: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/count/lastweek?siteId=<Site ID>

## Sample Output

Number



# 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/passersby/count/lastmonth

## Parameters

Table 123: Parameter Details

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

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/count/lastmonth?siteId=<Site ID>>

## Sample Output

Number

# 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

## Parameters

*Table 124: Parameter Details*

| Name      | Required | Default | Type   | Location | Description                        |
|-----------|----------|---------|--------|----------|------------------------------------|
| siteId    | Y        | —       | Number | query    | Site ID                            |
| startDate | Y        | —       | String | query    | Start Date in format of yyyy-mm-dd |
| endDate   | Y        | —       | String | query    | End Date in format of yyyy-mm-dd   |

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/passerby/total?siteId=<Site ID>&startDate=yyyy-mm-dd&endDate=yyyy-mm-dd>

## Sample Output

Number

# 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 125: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passerby/total/3days?siteId=<Site ID>

## Sample Output

Number

# 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 126: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passerby/total/lastweek?siteId=<Site ID>

## Sample Output

Number

# 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/passersby/count

## Requires OAuth

N

## Parameters

Table 127: Parameter Details

| Name   | Required | Default | Type   | Location | Description                  |
|--------|----------|---------|--------|----------|------------------------------|
| siteId | Y        | —       | Number | query    | Site ID                      |
| date   | Y        | —       | String | query    | Date in format of yyyy-mm-dd |

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/count?siteId=<Site ID>&date=<date in yyyy-mm-dd>

## Sample Output

Number

# 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 128: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/passerby/total/lastmonth?siteId=<Site ID>

## Sample Output

Number

# 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/passersby/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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/hourly/today?siteId=<Site ID>>

## Sample Output

```
{
  "0":85,
  "1":45,
  "2":42,
  "3":45,
  "4":46,
  "5":48,
  "6":89,
  "7":180,
  "8":316,
  "9":618,
  "10":886,
  "11":587,
  "12":263
}
```

# GET: Hourly Count of Passersby Yesterday

## Description

This API returns the hourly count of passersby yesterday.

## HTTP Method

GET

## Resource URI

/api/presence/v1/passersby/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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/hourly/yesterday?siteId=<Site ID>>

## Sample Output

```
{
  "0":85,
  "1":45,
  "2":42,
  "3":45,
  "4":46,
  "5":48,
  "6":89,
  "7":180,
  "8":316,
  "9":618,
  "10":886,
  "11":587,
  "12":263
}
```



# 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/passersby/hourly/3days

## Requires OAuth

N

## Parameters

*Table 131: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/hourly/3days?siteId=<Site ID>>

## Sample Output

```
{
  "2017-02-27": {
    "0": 0,
    "1": 61,
    "2": 71,
    "3": 71,
    "4": 19,
    "5": 43,
    "6": 119,
    "7": 182,
    "8": 352,
    "9": 732,
    "10": 887,
    "11": 681,
    "12": 643,
    "13": 834,
    "14": 690,
    "15": 605,
    "16": 701,
    "17": 916,
    "18": 990,
  }
}
```

```
    "19":1124,  
    "20":902,  
    "21":604,  
    "22":314,  
    "23":150  
  },  
  "2017-02-28":{  
    "0":143,  
    "1":47,  
    "2":34,  
    "3":39,  
    "4":62,  
    "5":35,  
    "6":71,  
    "7":159,  
    "8":298,  
    "9":739,  
    "10":820,  
    "11":648,  
    "12":577,  
    "13":664,  
    "14":702,  
    "15":542,  
    "16":604,  
    "17":725,  
    "18":1112,  
    "19":1097,  
    "20":919,  
    "21":706,  
    "22":477,  
    "23":188  
  },  
  "2017-03-01":{  
    "0":85,  
    "1":45,  
    "2":42,  
    "3":45,  
    "4":46,  
    "5":48,  
    "6":89,  
    "7":180,  
    "8":316,  
    "9":618,  
    "10":886,  
    "11":587,  
    "12":288  
  }  
}
```

# 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/passersby/hourly

## Requires OAuth

N

## Parameters

*Table 132: Parameter Details*

| Name   | Required | Default | Type   | Location | Description                  |
|--------|----------|---------|--------|----------|------------------------------|
| siteId | Y        | —       | Number | query    | Site ID                      |
| date   | Y        | —       | String | query    | Date in format of yyyy-mm-dd |

## Content Type

application/json

## Usage Guidelines

`https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/hourly?siteId=<Site ID>&date=<date in yyyy-mm-dd>`

## Sample Output

```
{
  "0":85,
  "1":45,
  "2":42,
  "3":45,
  "4":46,
  "5":48,
  "6":89,
  "7":180,
  "8":316,
  "9":618,
  "10":886,
  "11":586,
  "12":321
}
```

# 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/passersby/daily

## Requires OAuth

N

## Parameters

*Table 133: Parameter Details*

| Name      | Required | Default | Type   | Location | Description                     |
|-----------|----------|---------|--------|----------|---------------------------------|
| siteId    | Y        | —       | Number | query    | Site ID                         |
| startDate | Y        | —       | String | query    | Start Date in yyyy-mm-dd format |
| endDate   | Y        | —       | String | query    | End Date in yyyy-mm-dd format   |

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/daily?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "2017-02-01":0,
  "2017-02-02":0,
  "2017-02-03":0,
  "2017-02-04":0,
  "2017-02-05":0,
  "2017-02-06":0,
  "2017-02-07":0,
  "2017-02-08":0,
  "2017-02-09":0,
```

```
"2017-02-10":0,  
"2017-02-11":0,  
"2017-02-12":0,  
"2017-02-13":0,  
"2017-02-14":7221,  
"2017-02-15":8461,  
"2017-02-16":12151,  
"2017-02-17":11309,  
"2017-02-18":11968,  
"2017-02-19":8076,  
"2017-02-20":11406,  
"2017-02-21":8776,  
"2017-02-22":10403,  
"2017-02-23":10149,  
"2017-02-24":9566,  
"2017-02-25":9215,  
"2017-02-26":7042,  
"2017-02-27":10073,  
"2017-02-28":9599,  
"2017-03-01":4438  
}
```

# 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/passersby/daily/lastweek

## Requires OAuth

N

## Parameters

*Table 134: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/daily/lastweek?siteId=<Site ID>>

## Sample Output

```
{
  "2017-02-01": 0,
  "2017-02-02": 0,
  "2017-02-03": 0,
  "2017-02-04": 0,
  "2017-02-05": 0,
  "2017-02-06": 0,
  "2017-02-07": 0,
  "2017-02-08": 0,
  "2017-02-09": 0,
  "2017-02-10": 0,
  "2017-02-11": 0,
  "2017-02-12": 0,
  "2017-02-13": 0,
  "2017-02-14": 7221,
  "2017-02-15": 8461,
  "2017-02-16": 12151,
  "2017-02-17": 11309,
  "2017-02-18": 11968,
  "2017-02-19": 8076,
  "2017-02-20": 11406,
```

```
"2017-02-21":8776,  
"2017-02-22":10403,  
"2017-02-23":10149,  
"2017-02-24":9566,  
"2017-02-25":9215,  
"2017-02-26":7042,  
"2017-02-27":10073,  
"2017-02-28":9599,  
"2017-03-01":4438  
}
```

# 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/passersby/daily/lastmonth

## Requires OAuth

N

## Parameters

*Table 135: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/daily/lastmonth?siteId=<Site ID>>

## Sample Output

```
{
  "2017-01-31": 0,
  "2017-02-01": 0,
  "2017-02-02": 0,
  "2017-02-03": 0,
  "2017-02-04": 0,
  "2017-02-05": 0,
  "2017-02-06": 0,
  "2017-02-07": 0,
  "2017-02-08": 0,
  "2017-02-09": 0,
  "2017-02-10": 0,
  "2017-02-11": 0,
  "2017-02-12": 0,
  "2017-02-13": 0,
  "2017-02-14": 7221,
  "2017-02-15": 8461,
  "2017-02-16": 12151,
  "2017-02-17": 11309,
  "2017-02-18": 11968,
  "2017-02-19": 8076,
```



```
"2017-02-20":11406,  
"2017-02-21":8776,  
"2017-02-22":10403,  
"2017-02-23":10149,  
"2017-02-24":9566,  
"2017-02-25":9215,  
"2017-02-26":7042,  
"2017-02-27":10073,  
"2017-02-28":9599,  
"2017-03-01":4483  
}
```

# 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/passersby/daily/hourcategory

## Requires OAuth

N

## Parameters

*Table 136: Parameter Details*

| Name      | Required | Default | Type   | Location | Description                     |
|-----------|----------|---------|--------|----------|---------------------------------|
| siteId    | Y        | —       | Number | query    | Site ID                         |
| startDate | Y        | —       | String | query    | Start Date in yyyy-mm-dd format |
| endDate   | Y        | —       | String | query    | End Date in yyyy-mm-dd format   |

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/daily/hourcategory?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "2017-02-01": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  },
  "2017-02-02": {
```

```
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-02-03":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-02-04":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-02-05":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-02-06":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-02-07":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-02-08":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-02-09":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-02-10":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-02-11":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-02-12":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-02-13":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-02-14":{
        "business_hours":0,
        "evening_hours":0,
        "morning_hours":0
    },
    },
```

```
"2017-02-15":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-16":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-17":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-18":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-19":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-20":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-21":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-22":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-23":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-24":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-25":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-26":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
},
"2017-02-27":{
  "business_hours":0,
  "evening_hours":0,
  "morning_hours":0
}
```

```
    },
    "2017-02-28":{
      "business_hours":0,
      "evening_hours":0,
      "morning_hours":0
    },
    "2017-03-01":{
      "business_hours":null,
      "evening_hours":null,
      "morning_hours":null
    }
  }
}
```

# 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 137: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/excluded?siteId=<Site ID>>

## Sample Output

```
{
  "repeat":0,
  "dwell":0,
  "ssid":0
}
```

# 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

---

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/excluded?siteId=<Site ID>>

## Sample Output

```
[
  {
    "siteEntries":{
      "1487056035936":{
        "macAddress":"ac:c3:3a:87:5c:79",
        "status":"PASSERBY",
        "siteId":1487056035936,
        "siteName":"PSL NOC",
        "firstRssiTime":1488360873407,
        "lastRssiTime":1488360873407,
        "lastMarkedPasserBy":1488360873407,
        "firstMarkedVisitor":0,
        "lastMarkedVisitor":0,
        "firstMarkedAssociated":0,
        "lastMarkedAssociated":0,
        "lastInfoTime":0,
        "rssi":-83,
        "currentApMacAddress":"00:2a:10:f8:87:50",
        "currentApName":null,
        "lastApMacAddress":null,
        "lastApName":null,
        "controller":"10.222.175.13",
        "firstRssiTimeStamp":"2017-03-01 09:34:407",
        "lastRssiTimeStamp":"2017-03-01 09:34:407",
        "lastMarkedPasserByTimeStamp":"2017-03-01 09:34:407",
        "firstMarkedVisitorTimeStamp":"null",
```

```

        "lastMarkedVisitorTimeStamp":"null",
        "lastMarkedAssociatedTimeStamp":"null",
        "firstMarkedAssociatedTimeStamp":"null",
        "lastInfoTimeStamp":"null",
        "lastHeard":1488360873407
    }
},
"macAddress":"ac:c3:3a:87:5c:79",
"changedOn":1488360873407,
"status":"PASSERBY",
"ipv4Address":null,
"ipv6Address":null,
"ssid":null,
"bytesReceived":0,
"bytesSent":0,
"lastSiteId":0,
"currentSiteId":1487056035936,
"rssi":-83,
"currentSiteName":"PSL NOC",
"changedOnTimeStamp":"2017-03-01 09:34:407",
"lastApMacAddress":"",
"currentApMacAddress":"00:2a:10:f8:87:50",
"currentApName":null,
"lastApName":"",
"lastSiteName":""
},
{
  "siteEntries":{
    "1487056035936":{
      "macAddress":"cc:61:e5:88:f0:d8",
      "status":"PASSERBY",
      "siteId":1487056035936,
      "siteName":"PSL NOC",
      "firstRssiTime":1488360977448,
      "lastRssiTime":1488361771824,
      "lastMarkedPasserBy":1488361771824,
      "firstMarkedVisitor":0,
      "lastMarkedVisitor":0,
      "firstMarkedAssociated":0,
      "lastMarkedAssociated":0,
      "lastInfoTime":0,
      "rssi":-84,
      "currentApMacAddress":"84:3d:c6:14:73:50",
      "currentApName":null,
      "lastApMacAddress":"00:2a:10:f8:87:50",
      "lastApName":null,
      "controller":"10.222.175.13",
      "firstRssiTimeStamp":"2017-03-01 09:36:448",
      "lastRssiTimeStamp":"2017-03-01 09:49:824",
      "lastMarkedPasserByTimeStamp":"2017-03-01 09:49:824",
      "firstMarkedVisitorTimeStamp":"null",
      "lastMarkedVisitorTimeStamp":"null",
      "lastMarkedAssociatedTimeStamp":"null",
      "firstMarkedAssociatedTimeStamp":"null",
      "lastInfoTimeStamp":"null",
      "lastHeard":1488361771824
    },
    "1487260407843":{
      "macAddress":"cc:61:e5:88:f0:d8",
      "status":"PASSERBY",
      "siteId":1487260407843,
      "siteName":"NOC",
      "firstRssiTime":1488361225740,
      "lastRssiTime":1488361589829,

```



```

        "lastMarkedPasserBy":1488361589829,
        "firstMarkedVisitor":0,
        "lastMarkedVisitor":0,
        "firstMarkedAssociated":0,
        "lastMarkedAssociated":0,
        "lastInfoTime":0,
        "rssi":-82,
        "currentApMacAddress":"84:3d:c6:0a:bb:80",
        "currentApName":null,
        "lastApMacAddress":null,
        "lastApName":null,
        "controller":"10.222.175.13",
        "firstRssiTimeStamp":"2017-03-01 09:40:740",
        "lastRssiTimeStamp":"2017-03-01 09:46:829",
        "lastMarkedPasserByTimeStamp":"2017-03-01 09:46:829",
        "firstMarkedVisitorTimeStamp":"null",
        "lastMarkedVisitorTimeStamp":"null",
        "lastMarkedAssociatedTimeStamp":"null",
        "firstMarkedAssociatedTimeStamp":"null",
        "lastInfoTimeStamp":"null",
        "lastHeard":1488361589829
    }
},
"macAddress":"cc:61:e5:88:f0:d8",
"changedOn":1488361771824,
"status":"PASSERBY",
"ipv4Address":null,
"ipv6Address":null,
"ssid":null,
"bytesReceived":0,
"bytesSent":0,
"lastSiteId":1487056035936,
"currentSiteId":1487056035936,
"rssi":-84,
"currentSiteName":"PSL NOC",
"changedOnTimeStamp":"2017-03-01 09:49:824",
"lastApMacAddress":"84:3d:c6:14:73:50",
"currentApMacAddress":"84:3d:c6:14:73:50",
"currentApName":null,
"lastApName":null,
"lastSiteName":"PSL NOC"
},
{
"siteEntries":{
"1487056035936":{
"macAddress":"dc:1a:c5:4c:c7:d3",
"status":"PASSERBY",
"siteId":1487056035936,
"siteName":"PSL NOC",
"firstRssiTime":1488361425736,
"lastRssiTime":1488361425736,
"lastMarkedPasserBy":1488361425736,
"firstMarkedVisitor":0,
"lastMarkedVisitor":0,
"firstMarkedAssociated":0,
"lastMarkedAssociated":0,
"lastInfoTime":0,
"rssi":-87,
"currentApMacAddress":"00:2a:10:ee:40:40",
"currentApName":null,
"lastApMacAddress":null,
"lastApName":null,
"controller":"10.222.175.13",
"firstRssiTimeStamp":"2017-03-01 09:43:736",

```

```

        "lastRssiTimeStamp":"2017-03-01 09:43:736",
        "lastMarkedPasserByTimeStamp":"2017-03-01 09:43:736",
        "firstMarkedVisitorTimeStamp":"null",
        "lastMarkedVisitorTimeStamp":"null",
        "lastMarkedAssociatedTimeStamp":"null",
        "firstMarkedAssociatedTimeStamp":"null",
        "lastInfoTimeStamp":"null",
        "lastHeard":1488361425736
    }
},
"macAddress":"dc:1a:c5:4c:c7:d3",
"changedOn":1488361427739,
"status":"PASSERBY",
"ipv4Address":null,
"ipv6Address":null,
"ssid":null,
"bytesReceived":0,
"bytesSent":0,
"lastSiteId":1487056035936,
"currentSiteId":1487056035936,
"rssi":-87,
"currentSiteName":"PSL NOC",
"changedOnTimeStamp":"2017-03-01 09:43:739",
"lastApMacAddress":"00:2a:10:ee:40:40",
"currentApMacAddress":"00:2a:10:ee:40:40",
"currentApName":null,
"lastApName":null,
"lastSiteName":"PSL NOC"
},
{
"siteEntries":{
    "1487056035936":{
        "macAddress":"00:08:22:be:76:bb",
        "status":"PASSERBY",
        "siteId":1487056035936,
        "siteName":"PSL NOC",
        "firstRssiTime":1488359961555,
        "lastRssiTime":1488360953775,
        "lastMarkedPasserBy":1488360953775,
        "firstMarkedVisitor":0,
        "lastMarkedVisitor":0,
        "firstMarkedAssociated":0,
        "lastMarkedAssociated":0,
        "lastInfoTime":0,
        "rssi":-81,
        "currentApMacAddress":"00:2a:10:ee:40:40",
        "currentApName":null,
        "lastApMacAddress":"84:3d:c6:14:73:50",
        "lastApName":null,
        "controller":"10.222.175.13",
        "firstRssiTimeStamp":"2017-03-01 09:19:555",
        "lastRssiTimeStamp":"2017-03-01 09:35:775",
        "lastMarkedPasserByTimeStamp":"2017-03-01 09:35:775",
        "firstMarkedVisitorTimeStamp":"null",
        "lastMarkedVisitorTimeStamp":"null",
        "lastMarkedAssociatedTimeStamp":"null",
        "firstMarkedAssociatedTimeStamp":"null",
        "lastInfoTimeStamp":"null",
        "lastHeard":1488360953775
    },
    "1487260407843":
...<etc>

```

# GET: Client Detail

## Description

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

## HTTP Method

GET

## Resource URI

/api/presence/v1/clients/macaddress

## Requires OAuth

N

## Parameters

*Table 138: Parameter Details*

| Name       | Required | Default | Type   | Location    | Description |
|------------|----------|---------|--------|-------------|-------------|
| macaddress | Y        | —       | String | pathReplace | MAC address |
| site-id    | Y        | —       | String | pathReplace | Site ID     |

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/clients?siteId=<Site ID>&macaddress=<MAC address>

## Sample Output

```
[
  {
    "siteEntries":{
      "1487056035936":{
        "macAddress":"50:c8:e5:c5:ba:f0",
        "status":"PASSERBY",
        "siteId":1487056035936,
        "siteName":"PSL NOC",
        "firstRssiTime":1488362139553,
        "lastRssiTime":1488362515548,
        "lastMarkedPasserBy":1488362515548,
        "firstMarkedVisitor":0,
        "lastMarkedVisitor":0,
        "firstMarkedAssociated":0,
        "lastMarkedAssociated":0,
        "lastInfoTime":0,
        "rssi":-88,
        "currentApMacAddress":"00:2a:10:f8:87:50",
```

```

        "currentApName":null,
        "lastApMacAddress":null,
        "lastApName":null,
        "controller":"10.222.175.13",
        "firstRssiTimeStamp":"2017-03-01 09:55:553",
        "lastRssiTimeStamp":"2017-03-01 10:01:548",
        "lastMarkedPasserByTimeStamp":"2017-03-01 10:01:548",
        "firstMarkedVisitorTimeStamp":"null",
        "lastMarkedVisitorTimeStamp":"null",
        "lastMarkedAssociatedTimeStamp":"null",
        "firstMarkedAssociatedTimeStamp":"null",
        "lastInfoTimeStamp":"null",
        "lastHeard":1488362515548
    },
    "1487260407843":{
        "macAddress":"50:c8:e5:c5:ba:f0",
        "status":"PASSERBY",
        "siteId":1487260407843,
        "siteName":"NOC",
        "firstRssiTime":1488362141536,
        "lastRssiTime":1488362513641,
        "lastMarkedPasserBy":1488362513641,
        "firstMarkedVisitor":0,
        "lastMarkedVisitor":0,
        "firstMarkedAssociated":0,
        "lastMarkedAssociated":0,
        "lastInfoTime":0,
        "rssi":-92,
        "currentApMacAddress":"84:3d:c6:0a:bb:80",
        "currentApName":null,
        "lastApMacAddress":null,
        "lastApName":null,
        "controller":"10.222.175.13",
        "firstRssiTimeStamp":"2017-03-01 09:55:536",
        "lastRssiTimeStamp":"2017-03-01 10:01:641",
        "lastMarkedPasserByTimeStamp":"2017-03-01 10:01:641",
        "firstMarkedVisitorTimeStamp":"null",
        "lastMarkedVisitorTimeStamp":"null",
        "lastMarkedAssociatedTimeStamp":"null",
        "firstMarkedAssociatedTimeStamp":"null",
        "lastInfoTimeStamp":"null",
        "lastHeard":1488362513641
    }
},
"macAddress":"50:c8:e5:c5:ba:f0",
"changedOn":1488362527563,
"status":"PASSERBY",
"ipv4Address":null,
"ipv6Address":null,
"ssid":null,
"bytesReceived":0,
"bytesSent":0,
"lastSiteId":1487056035936,
"currentSiteId":1487056035936,
"rssi":-92,
"currentSiteName":"PSL NOC",
"changedOnTimeStamp":"2017-03-01 10:02:563",
"lastApMacAddress":"00:2a:10:f8:87:50",
"currentApMacAddress":"00:2a:10:f8:87:50",
"currentApName":null,
"lastApName":null,
"lastSiteName":"PSL NOC"
},
{

```

```
"siteEntries":{
  "1487056035936":{
    "macAddress":"cc:61:e5:88:f0:d8",
    "status":"PASSERBY",
    "siteId":1487056035936,
    "siteName":"PSL NOC",
    "firstRssiTime":1488360977448,
    "lastRssiTime":1488361771824,
    "lastMarkedPasserBy":1488361771824,
    "firstMarkedVisitor":0,
    "lastMarkedVisitor":0,
    "firstMarkedAssociated":0,
    "lastMarkedAssociated":0,
    "lastInfoTime":0,
    "rssi":-84,
    "currentApMacAddress":"84:3d:c6:14:73:50",
    "currentApName":null,
    "lastApMacAddress":"00:2a:10:f8:87:50",
    "lastApName":null,
    "controller":"10.222.175.13",
    "firstRssiTimeStamp":"2017-03-01 09:36:448",
    "lastRssiTimeStamp":"2017-03-01 09:49:824",
    "lastMarkedPasserByTimeStamp":"2017-03-01 09:49:824",
    "firstMarkedVisitorTimeStamp":"null",
    "lastMarkedVisitorTimeStamp":"null",
    "lastMarkedAssociatedTimeStamp":"null",
    "firstMarkedAssociatedTimeStamp":"null",
    "lastInfoTimeStamp":"null",
    "lastHeard":1488361771824
  },
  "1487260407843":{
    "macAddress":"cc:61:e5:88:f0:d8",
    "status":"PASSERBY",
    "siteId":1487260407843,
    "siteName":"NOC",
    "firstRssiTime":1488361225740,
    "lastRssiTime":1488361589829,
    "lastMarkedPasserBy":1488361589829,
    "firstMarkedVisitor":0,
    "lastMarkedVisitor":0,
    "firstMarkedAssociated":0,
    "lastMarkedAssociated":0,
    "lastInfoTime":0,
    "rssi":-82,
    "currentApMacAddress":"84:3d:c6:0a:bb:80",
    "currentApName":null,
    "lastApMacAddress":null,
    "lastApName":null,
    "controller":"10.222.175.13",
    "firstRssiTimeStamp":"2017-03-01 09:40:740",
    "lastRssiTimeStamp":"2017-03-01 09:46:829",
    "lastMarkedPasserByTimeStamp":"2017-03-01 09:46:829",
    "firstMarkedVisitorTimeStamp":"null",
    "lastMarkedVisitorTimeStamp":"null",
    "lastMarkedAssociatedTimeStamp":"null",
    "firstMarkedAssociatedTimeStamp":"null",
    "lastInfoTimeStamp":"null",
    "lastHeard":1488361589829
  }
},
"macAddress":"cc:61:e5:88:f0:d8",
"changedOn":1488361771824,
"status":"PASSERBY",
"ipv4Address":null,
```

```

    "ipv6Address":null,
    "ssid":null,
    "bytesReceived":0,
    "bytesSent":0,
    "lastSiteId":1487056035936,
    "currentSiteId":1487056035936,
    "rssi":-84,
    "currentSiteName":"PSL NOC",
    "changedOnTimeStamp":"2017-03-01 09:49:824",
    "lastApMacAddress":"84:3d:c6:14:73:50",
    "currentApMacAddress":"84:3d:c6:14:73:50",
    "currentApName":null,
    "lastApName":null,
    "lastSiteName":"PSL NOC"
  },
  {
    "siteEntries":{
      "1487056035936":{
        "macAddress":"b4:ce:f6:6e:9d:ea",
        "status":"PASSERBY",
        "siteId":1487056035936,
        "siteName":"PSL NOC",
        "firstRssiTime":1488357877311,
        "lastRssiTime":1488362333581,
        "lastMarkedPasserBy":1488362333581,
        "firstMarkedVisitor":0,
        "lastMarkedVisitor":0,
        "firstMarkedAssociated":0,
        "lastMarkedAssociated":0,
        "lastInfoTime":0,
        "rssi":-90,
        "currentApMacAddress":"00:2a:10:f8:87:50",
        "currentApName":null,
        "lastApMacAddress":"84:3d:c6:14:73:50",
        "lastApName":null,
        "controller":"10.222.175.13",
        "firstRssiTimeStamp":"2017-03-01 08:44:311",
        "lastRssiTimeStamp":"2017-03-01 09:58:581",
        "lastMarkedPasserByTimeStamp":"2017-03-01 09:58:581",
        "firstMarkedVisitorTimeStamp":"null",
        "lastMarkedVisitorTimeStamp":"null",
        "lastMarkedAssociatedTimeStamp":"null",
        "firstMarkedAssociatedTimeStamp":"null",
        "lastInfoTimeStamp":"null",
        "lastHeard":1488362333581
      },
      "1487260407843":{
        "macAddress":"b4:ce:f6:6e:9d:ea",
        "status":"PASSERBY",
        "siteId":1487260407843,
        "siteName":"NOC",
        "firstRssiTime":1488357852934,
        "lastRssiTime":1488362696100,
        "lastMarkedPasserBy":1488362696100,
        "firstMarkedVisitor":0,
        "lastMarkedVisitor":0,
        "firstMarkedAssociated":0,
        "lastMarkedAssociated":0,
        "lastInfoTime":0,
        "rssi":-95,
        "currentApMacAddress":"84:3d:c6:0a:bb:80",
        "currentApName":null,
        "lastApMacAddress":null,
        "lastApName":null,

```

```
        "controller": "10.222.175.13",
        "firstRssiTimeStamp": "2017-03-01 08:44:934",
        "lastRssiTimeStamp": "2017-03-01 10:04:100",
        "lastMarkedPasserByTimeStamp": "2017-03-01 10:04:100",
        "firstMarkedVisitorTimeStamp": "null",
        "lastMarkedVisitorTimeStamp": "null",
        "lastMarkedAssociatedTimeStamp": "null",
        "firstMarkedAssociatedTimeStamp": "null",
        "lastInfoTimeStamp": "null",
        "lastHeard": 1488362696100
    }
},
"macAddress": "b4:ce:f6:6e:9d:ea",
"changedOn": 1488362696100,
"status": "PASSERBY",
"ipv4Address": null,
"ipv6Address": null,
"ssid": null,
"bytesReceived": 0,
"bytesSent": 0,
"lastSiteId": 1487260407843,
"currentSiteId": 1487260407843,
"rssi": -95,
"currentSiteName": "NOC",
"changedOnTimeStamp": "2017-03-01 10:04:100",
"lastApMacAddress": "84:3d:c6:0a:bb:80",
"currentApMacAddress": "84:3d:c6:0a:bb:80",
"currentApName": null,
"lastApName": null,
"lastSiteName": "NOC"
},
{
  "siteEntries": {
    "1487260407843":
```

# 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

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/count?siteId=<Site ID>&date=<date in yyyy-mm-dd>

## Requires Basic Auth

N

## Parameters

*Table 139: Parameter Details*

| Name   | Required | Default | Type   | Location | Description               |
|--------|----------|---------|--------|----------|---------------------------|
| siteId | Y        | —       | Number | query    | Site ID                   |
| date   | Y        | —       | String | query    | Date in yyyy-mm-dd format |

## Content Type

application/json

## Sample Output

3



# 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 140: Parameter Details

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/count/today?siteId=<Site ID>

## Sample Output

Number

# 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 141: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/count/yesterday?siteId=<Site ID>

## Sample Output

Number

# 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 142: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/count/3days?siteId=<Site ID>

## Sample Output

Number

# 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 143: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/count/lastweek?siteId=<Site ID>

## Sample Output

Number

# 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 144: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/count/lastmonth?siteId=<Site ID>>

## Sample Output

Number

# 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 Basic Auth

N

## Parameters

*Table 145: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/total/3days?siteId=<Site ID>

## Sample Output

Number

# 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 146: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/total/lastweek?siteId=<Site ID>>

## Sample Output

Number

# 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 147: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/total/lastmonth?siteId=<Site ID>

## Sample Output

Number



# 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 148: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/total/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

## Sample Output

Number

# 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 149: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/hourly/today/?siteId=<Site ID>>

## Sample Output

```
{
  "0": 0,
  "1": 0,
  "2": 0,
  "3": 0,
  "4": 0,
  "5": 0,
  "6": 0,
  "7": 0,
  "8": 0,
  "9": 0
}
```

# 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 150: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/hourly/yesterday/?siteId=<Site ID>

## Sample Output

```
{
  "0":0,
  "1":0,
  "2":0,
  "3":0,
  "4":0,
  "5":0,
  "6":0,
  "7":0,
  "8":0,
  "9":0
}
```

# 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 151: 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 152: Parameter Details*

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

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/hourly/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "0":0,
  "1":0,
  "2":0,
  "3":0,
  "4":0,
  "5":0,
  "6":0,
  "7":0,
  "8":0,
  "9":0
}
```

# 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 153: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/daily/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "2017-03-01":0,
  "2017-03-02":0,
  "2017-03-03":0,
  "2017-03-04":0,
  "2017-03-05":0,
  "2017-03-06":0,
  "2017-03-07":0,
  "2017-03-08":0,
  "2017-03-09":0,
  "2017-03-10":0
}
```

# 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 154: 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 155: 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 156: 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

## Usage Guidelines

`https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/daily/hourcategory/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>`

## Sample Output

```
{
  "2017-03-01": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  },
  "2017-03-02": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  },
  "2017-03-03": {
```

```
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-03-04":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-03-05":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-03-06":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-03-07":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-03-08":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-03-09":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    },
    "2017-03-10":{
        "business_hours":null,
        "evening_hours":null,
        "morning_hours":null
    }
}
```

# 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 157: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/kpisummary?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "visitorCount":107,
  "totalPasserbyCount":0,
  "totalVisitorCount":100,
  "totalConnectedCount":0,
  "connectedPercentage":0,
  "conversionRate":100,
  "averageDwell":0.0,
  "averageDwellByLevels":{
    "FIVE_TO_THIRTY_MINUTES":{
      "average":0.0,
      "count":0
    }
  },
}
```

```

    "THIRTY_TO_SIXTY_MINUTES":{
      "average":0.0,
      "count":0
    },
    "ONE_TO_FIVE_HOURS":{
      "average":0.0,
      "count":0
    },
    "FIVE_TO_EIGHT_HOURS":{
      "average":0.0,
      "count":0
    },
    "EIGHT_PLUS_HOURS":{
      "average":0.0,
      "count":0
    }
  },
  "topManufacturers":null,
  "peakSummary":null,
  "peakWeekSummary":{
    "peakHour":15,
    "peakDate":"2017-02-28",
    "peakWeek":0,
    "interval":"WEEK",
    "peakHourCount":49,
    "averageHourlyCount":25.0138888888889,
    "hourlyCounts":{
      "0":13,
      "1":13,
      "2":12,
      "3":11,
      "4":12,
      "5":13,
      "6":13,
      "7":15,
      "8":14,
      "9":15,
      "10":21,
      "11":26,
      "12":29,
      "13":31,
      "14":38,
      "15":44,
      "16":46,
      "17":41,
      "18":44,
      "19":38,
      "20":32,
      "21":28,
      "22":25,
      "23":25
    },
    "maxHour":15,
    "maxDay":1,
    "peakDayCount":112,
    "peakHourDay":"2017-02-27"
  },
  "peakMonthSummary":{
    "peakHour":16,
    "peakDate":"2017-03-01",
    "peakWeek":9,
    "interval":"MONTH",
    "peakHourCount":45,
    "averageHourlyCount":25.5,

```

```
"hourlyCounts":{
  "0":20,
  "1":18,
  "2":14,
  "3":13,
  "4":14,
  "5":17,
  "6":18,
  "7":18,
  "8":19,
  "9":15,
  "10":23,
  "11":22,
  "12":31,
  "13":28,
  "14":37,
  "15":41,
  "16":45,
  "17":43,
  "18":42,
  "19":33,
  "20":29,
  "21":28,
  "22":26,
  "23":18
},
"maxHour":16,
"maxDay":3,
"peakDayCount":100,
"peakHourDay":"2017-03-01"
}
```

# 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 158: 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 159: 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 160: 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 161: 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 162: 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 163: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/insights/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "weekStatus":null,
  "monthStatus":null,
  "yesterdayStatus":null,
  "weekStats":{
    "peakDay":"2017-02-28",
    "busiestHour":0,
    "peakCount":112,
    "busiestDay":0,
    "hourlyAverage":25.01388888888889,
    "peakHour":15,
    "peakHourCount":49,
    "peakHourDay":"2017-02-27",
```

```

    "busiestWeekDate":"2017-03-01",
    "busiestMonthDate":null
  },
  "monthStats":{
    "peakDay":"2017-03-01",
    "busiestHour":16,
    "peakCount":100,
    "busiestDay":3,
    "hourlyAverage":25.5,
    "peakHour":16,
    "peakHourCount":45,
    "peakHourDay":"2017-03-01",
    "busiestWeekDate":null,
    "busiestMonthDate":"2017-03-01"
  },
  "weekRepeatVisitorStats":{
    "DAILY":{
      "peakDay":"2017-03-01",
      "busiestHour":0,
      "peakCount":60,
      "busiestDay":-1,
      "hourlyAverage":14.611111111111111,
      "peakHour":18,
      "peakHourCount":34,
      "peakHourDay":null,
      "busiestWeekDate":null,
      "busiestMonthDate":null
    },
    "WEEKLY":{
      "peakDay":"2017-02-27",
      "busiestHour":16,
      "peakCount":27,
      "busiestDay":-1,
      "hourlyAverage":5.375,
      "peakHour":16,
      "peakHourCount":19,
      "peakHourDay":null,
      "busiestWeekDate":null,
      "busiestMonthDate":null
    },
    "OCCASIONAL":{
      "peakDay":"2017-02-28",
      "busiestHour":0,
      "peakCount":20,
      "busiestDay":-1,
      "hourlyAverage":2.4444444444444444,
      "peakHour":19,
      "peakHourCount":6,
      "peakHourDay":null,
      "busiestWeekDate":null,
      "busiestMonthDate":null
    },
    "FIRST_TIME":{
      "peakDay":"2017-02-27",
      "busiestHour":0,
      "peakCount":24,
      "busiestDay":-1,
      "hourlyAverage":1.888888888888889,
      "peakHour":15,
      "peakHourCount":6,
      "peakHourDay":null,
      "busiestWeekDate":null,
      "busiestMonthDate":null
    }
  },

```

```
"YESTERDAY":{
  "peakDay":null,
  "busiestHour":0,
  "peakCount":0,
  "busiestDay":0,
  "hourlyAverage":0.0,
  "peakHour":0,
  "peakHourCount":0,
  "peakHourDay":null,
  "busiestWeekDate":null,
  "busiestMonthDate":null
},
"monthRepeatVisitorStats":{
  "DAILY":{
    "peakDay":"2017-03-01",
    "busiestHour":18,
    "peakCount":60,
    "busiestDay":-1,
    "hourlyAverage":18.41666666666667,
    "peakHour":18,
    "peakHourCount":34,
    "peakHourDay":null,
    "busiestWeekDate":null,
    "busiestMonthDate":null
  },
  "WEEKLY":{
    "peakDay":"2017-03-01",
    "busiestHour":22,
    "peakCount":18,
    "busiestDay":-1,
    "hourlyAverage":3.75,
    "peakHour":22,
    "peakHourCount":6,
    "peakHourDay":null,
    "busiestWeekDate":null,
    "busiestMonthDate":null
  },
  "OCCASIONAL":{
    "peakDay":"2017-03-01",
    "busiestHour":7,
    "peakCount":8,
    "busiestDay":-1,
    "hourlyAverage":1.833333333333333,
    "peakHour":7,
    "peakHourCount":4,
    "peakHourDay":null,
    "busiestWeekDate":null,
    "busiestMonthDate":null
  },
  "FIRST_TIME":{
    "peakDay":"2017-03-01",
    "busiestHour":16,
    "peakCount":14,
    "busiestDay":-1,
    "hourlyAverage":1.5,
    "peakHour":16,
    "peakHourCount":5,
    "peakHourDay":null,
    "busiestWeekDate":null,
    "busiestMonthDate":null
  },
  "YESTERDAY":{
    "peakDay":null,
```

```
        "busiestHour":0,  
        "peakCount":0,  
        "busiestDay":0,  
        "hourlyAverage":0.0,  
        "peakHour":0,  
        "peakHourCount":0,  
        "peakHourDay":null,  
        "busiestWeekDate":null,  
        "busiestMonthDate":null  
    }  
}  
}
```

# 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 164: 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 165: 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 166: 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 167: 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 168: 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 169: 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 170: 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 171: 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 172: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/repeatvisitors/count/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "DAILY": 0,
  "WEEKLY": 0,
  "OCCASIONAL": 0,
  "FIRST_TIME": 0,
  "YESTERDAY": 0
}
```

# 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 173: 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 174: 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 175: 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 176: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/repeatvisitors/average/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "DAILY": 0,
  "WEEKLY": 0,
  "OCCASIONAL": 0,
  "FIRST_TIME": 0,
  "YESTERDAY": 0
}
```

# 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 177: 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 178: 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 179: 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 180: 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 181: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/repeatvisitors/daily/?siteId=<Site ID>&startDate=<date in yyyy-mm-dd>&endDate=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "2017-03-01": null,
  "2017-03-02": null,
  "2017-03-03": null,
  "2017-03-04": null,
  "2017-03-05": null,
  "2017-03-06": null,
  "2017-03-07": null,
  "2017-03-08": null,
  "2017-03-09": null,
  "2017-03-10": {
    "DAILY": 0,
    "WEEKLY": 0,
    "OCCASIONAL": 0,
    "FIRST_TIME": 0,
  }
}
```



```
    "YESTERDAY":0  
  }  
}
```

# 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 182: 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 183: 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 184: 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 185: 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 186: 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 187: 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 188: 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 189: 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 190: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/visitor/count/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

## Sample Output

107

# 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 191: 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 192: 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 193: 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 194: 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 195: 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 196: 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 197: 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 198: 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 199: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/connected/hourly/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

## Sample Output

```
{
```

```
  "0":0,
  "1":0,
  "2":0,
  "3":0,
  "4":0,
  "5":0,
  "6":0,
  "7":0,
  "8":0,
  "9":0
```

```
}
```

# 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 200: 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 201: 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 202: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/visitor/daily/hourcategory/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "2017-03-01": {
    "business_hours": 0,
    "evening_hours": 0,
    "morning_hours": 0
  },
  "2017-03-02": {
    "business_hours": null,
    "evening_hours": null,
    "morning_hours": null
  },
  "2017-03-03": {
    "business_hours": null,
    "evening_hours": null,
  }
}
```

```
    "morning_hours":null
  },
  "2017-03-04":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-05":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-06":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-07":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-08":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-09":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  },
  "2017-03-10":{
    "business_hours":null,
    "evening_hours":null,
    "morning_hours":null
  }
}
```

# 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 203: 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 204: 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 205: 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 206: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/dwell/count/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "FIVE_TO_THIRTY_MINUTES":0,
  "THIRTY_TO_SIXTY_MINUTES":0,
  "ONE_TO_FIVE_HOURS":0,
  "FIVE_TO_EIGHT_HOURS":0,
  "EIGHT_PLUS_HOURS":0
}
```

# 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 207: 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 208: 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 209: 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 210: 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 211: 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 212: 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 213: 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 214: 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 215: 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 216: 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 217: 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 218: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/dwell/dailyaverage/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "2017-03-01":null,
  "2017-03-02":null,
  "2017-03-03":null,
  "2017-03-04":null,
  "2017-03-05":null,
  "2017-03-06":null,
  "2017-03-07":null,
  "2017-03-08":null,
  "2017-03-09":null,
  "2017-03-10":{
```

```
"FIVE_TO_THIRTY_MINUTES":0.0,  
"THIRTY_TO_SIXTY_MINUTES":0.0,  
"ONE_TO_FIVE_HOURS":0.0,  
"FIVE_TO_EIGHT_HOURS":0.0,  
"EIGHT_PLUS_HOURS":0.0  
}  
}
```



# 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 219: 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 220: 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 221: 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 222: 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 223: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/dwell/daily/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "2017-03-01": {
    "FIVE_TO_THIRTY_MINUTES": 0,
    "THIRTY_TO_SIXTY_MINUTES": 0,
    "ONE_TO_FIVE_HOURS": 0,
    "FIVE_TO_EIGHT_HOURS": 0,
    "EIGHT_PLUS_HOURS": 0
  },
  "2017-03-02": {
    "FIVE_TO_THIRTY_MINUTES": 0,
    "THIRTY_TO_SIXTY_MINUTES": 0,
    "ONE_TO_FIVE_HOURS": 0,
  }
}
```

```
        "FIVE_TO_EIGHT_HOURS":0,
        "EIGHT_PLUS_HOURS":0
    },
    "2017-03-03":{
        "FIVE_TO_THIRTY_MINUTES":0,
        "THIRTY_TO_SIXTY_MINUTES":0,
        "ONE_TO_FIVE_HOURS":0,
        "FIVE_TO_EIGHT_HOURS":0,
        "EIGHT_PLUS_HOURS":0
    },
    "2017-03-04":{
        "FIVE_TO_THIRTY_MINUTES":0,
        "THIRTY_TO_SIXTY_MINUTES":0,
        "ONE_TO_FIVE_HOURS":0,
        "FIVE_TO_EIGHT_HOURS":0,
        "EIGHT_PLUS_HOURS":0
    },
    "2017-03-05":{
        "FIVE_TO_THIRTY_MINUTES":0,
        "THIRTY_TO_SIXTY_MINUTES":0,
        "ONE_TO_FIVE_HOURS":0,
        "FIVE_TO_EIGHT_HOURS":0,
        "EIGHT_PLUS_HOURS":0
    },
    "2017-03-06":{
        "FIVE_TO_THIRTY_MINUTES":0,
        "THIRTY_TO_SIXTY_MINUTES":0,
        "ONE_TO_FIVE_HOURS":0,
        "FIVE_TO_EIGHT_HOURS":0,
        "EIGHT_PLUS_HOURS":0
    },
    "2017-03-07":{
        "FIVE_TO_THIRTY_MINUTES":0,
        "THIRTY_TO_SIXTY_MINUTES":0,
        "ONE_TO_FIVE_HOURS":0,
        "FIVE_TO_EIGHT_HOURS":0,
        "EIGHT_PLUS_HOURS":0
    },
    "2017-03-08":{
        "FIVE_TO_THIRTY_MINUTES":0,
        "THIRTY_TO_SIXTY_MINUTES":0,
        "ONE_TO_FIVE_HOURS":0,
        "FIVE_TO_EIGHT_HOURS":0,
        "EIGHT_PLUS_HOURS":0
    },
    "2017-03-09":{
        "FIVE_TO_THIRTY_MINUTES":0,
        "THIRTY_TO_SIXTY_MINUTES":0,
        "ONE_TO_FIVE_HOURS":0,
        "FIVE_TO_EIGHT_HOURS":0,
        "EIGHT_PLUS_HOURS":0
    },
    "2017-03-10":{
        "FIVE_TO_THIRTY_MINUTES":0,
        "THIRTY_TO_SIXTY_MINUTES":0,
        "ONE_TO_FIVE_HOURS":0,
        "FIVE_TO_EIGHT_HOURS":0,
        "EIGHT_PLUS_HOURS":0
    }
}
```

# 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 224: 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 225: 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 226: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/dwell/average/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

## Sample Output

0.0

# 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 227: 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 228: 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 229: 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 230: 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 231: 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 232: 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

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/dwell/averagebylevel/?siteId=<Site ID>&date=<date in yyyy-mm-dd>>

## Sample Output

```
{
  "FIVE_TO_THIRTY_MINUTES":0.0,
  "THIRTY_TO_SIXTY_MINUTES":0.0,
  "ONE_TO_FIVE_HOURS":0.0,
  "FIVE_TO_EIGHT_HOURS":0.0,
  "EIGHT_PLUS_HOURS":0.0
}
```

# 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 233: 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 234: 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 235: Parameter Details*

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

## Content Type

application/json

# GET: Return Loaded Instances

**Description**

This API returns all tenant instances loaded in this node.

**HTTP Method**

GET

**Resource URI**

/api/presence/v1/debug/tenants/allinstances

**Requires OAuth**

N

**Parameters**

None.

**Content Type**

application/json

---

**Usage Guidelines**

<https://<tenant-id>.cmxcisco.com/api/presence/v1/debug/tenants/allinstances>

**Sample Output**

```
[
  "com.cisco.cmx.presence.cache.ApCache-0",
  "com.cisco.cmx.presence.cache.ApCache-1000",
  "com.cisco.cmx.presence.cache.ApCache-1001",
  "com.cisco.cmx.presence.cache.ApCache-1002",
  "com.cisco.cmx.presence.cache.ApCache-1003",
  "com.cisco.cmx.presence.cache.ApCache-1004",
  "com.cisco.cmx.presence.cache.ApCache-1005",
  "com.cisco.cmx.presence.cache.ApCache-1006",
  "com.cisco.cmx.presence.cache.ApCache-1007",
  "com.cisco.cmx.presence.cache.ApCache-1008",
  "com.cisco.cmx.presence.cache.ApCache-1009",
  "com.cisco.cmx.presence.cache.ApCache-1010",
  "com.cisco.cmx.presence.cache.ApCache-1011",
  "com.cisco.cmx.presence.cache.ApCache-1012",
  "com.cisco.cmx.presence.cache.ApCache-1013",
  "com.cisco.cmx.presence.cache.ApCache-1014",
  "com.cisco.cmx.presence.cache.ApCache-1015",
  "com.cisco.cmx.presence.cache.ApCache-1016",
  "com.cisco.cmx.presence.cache.ApCache-1017",
  "com.cisco.cmx.presence.cache.ApCache-1018",
  "com.cisco.cmx.presence.cache.ApCache-1019",
  "com.cisco.cmx.presence.cache.ApCache-102",
  "com.cisco.cmx.presence.cache.ApCache-1020",
  "com.cisco.cmx.presence.cache.ApCache-1021",
  "com.cisco.cmx.presence.cache.ApCache-1022",
```

```

"com.cisco.cmx.presence.cache.ApCache-1023",
"com.cisco.cmx.presence.cache.ApCache-1024",
"com.cisco.cmx.presence.cache.ApCache-1025",
"com.cisco.cmx.presence.cache.ApCache-1026",
"com.cisco.cmx.presence.cache.ApCache-1027",
"com.cisco.cmx.presence.cache.ApCache-1028",
"com.cisco.cmx.presence.cache.ApCache-1029",
"com.cisco.cmx.presence.cache.ApCache-103",
"com.cisco.cmx.presence.cache.ApCache-1030",
"com.cisco.cmx.presence.cache.ApCache-1031",
"com.cisco.cmx.presence.cache.ApCache-1032",
"com.cisco.cmx.presence.cache.ApCache-1033",
"com.cisco.cmx.presence.cache.ApCache-1034",
"com.cisco.cmx.presence.cache.ApCache-1035",
"com.cisco.cmx.presence.cache.ApCache-1036",
"com.cisco.cmx.presence.cache.ApCache-1037",
"com.cisco.cmx.presence.cache.ApCache-1039",
"com.cisco.cmx.presence.cache.ApCache-104",
"com.cisco.cmx.presence.cache.ApCache-1040",
"com.cisco.cmx.presence.cache.ApCache-1041",
"com.cisco.cmx.presence.cache.ApCache-1042",
"com.cisco.cmx.presence.cache.ApCache-1043",
" com.cisco.cmx.presence.cache.ApCache-

```

## API History

**Table 236: API History**

| Release                | Modification            |
|------------------------|-------------------------|
| Cisco CMX Release 10.3 | This API is introduced. |

# GET: Loaded instances for the Tenant

## Description

This API returns the tenant instances loaded in this node

## HTTP Method

GET

## Resource URI

/api/presence/v1/debug/tenants/instances

## Requires OAuth

N

## Parameters

None.

## Content Type

application/json

## Usage Guidelines

<https://<tenant-id>.cmxcisco.com/api/presence/v1/debug/tenants/instances>

## Sample Output

```
[
  "com.cisco.cmx.presence.cache.ApCache",
  "com.cisco.cmx.presence.cache.ClientCache",
  "com.cisco.cmx.presence.cache.LiveApCache",
  "com.cisco.cmx.presence.cache.MetricsCache",
  "com.cisco.cmx.presence.cache.SiteCache",
  "com.cisco.cmx.presence.cache.SiteParamsCache",
  "com.cisco.cmx.presence.db.ConnectedDataProcessor",
  "com.cisco.cmx.presence.db.DwellDataProcessor",
  "com.cisco.cmx.presence.db.ManufacturerDataProcessor",
  "com.cisco.cmx.presence.db.MonthlyInsightsDataProcessor",
  "com.cisco.cmx.presence.db.PasserbyDataProcessor",
  "com.cisco.cmx.presence.db.RepeatVisitorDataProcessor",
  "com.cisco.cmx.presence.db.VisitorDataProcessor",
  "com.cisco.cmx.presence.db.WeeklyInsightsDataProcessor",
  "com.cisco.cmx.presence.model.Counters",
  "com.cisco.cmx.presence.persistence.InsightDataService",
  "com.cisco.cmx.presence.persistence.PresenceAggregator",
  "com.cisco.cmx.presence.persistence.PresenceDataService",
  "com.cisco.cmx.presence.service.PresencePdfGenerator",
  "com.cisco.mse.notifications.NotificationRuntime"
]
```

**API History***Table 237: API History*

| <b>Release</b>         | <b>Modification</b>     |
|------------------------|-------------------------|
| Cisco CMX Release 10.3 | This API is introduced. |

# GET: Returns Tenants which have Data Loaded

**Description**

This API returns all tenants which have instances loaded in this node.

**HTTP Method**

GET

**Resource URI**

/api/presence/v1/debug/tenants

**Requires Basic Auth**

N

**Parameters**

None.

**Content Type**

application/json

**API History**

*Table 238: API History*

| Release                | Modification            |
|------------------------|-------------------------|
| Cisco CMX Release 10.3 | This API is introduced. |

# DELETE: get all tenants which have data loaded

**Description**

This API returns all tenants which have instances loaded in this node

**HTTP Method**

DELETE

**Resource URI**

/api/presence/v1/debug/tenants

**Requires OAuth**

N

**Parameters**

None.

**Content Type**

application/json



# GET: get all tenants which have data loaded

**Description**

This API returns all tenants which have instances loaded in this node

**HTTP Method**

GET

**Resource URI**

/api/debug/v1/tenants

**Requires OAuth**

N

**Parameters**

None.

**Content Type**

application/json

# DELETE: get all tenants which have data loaded

**Description**

This API returns all tenants which have instances loaded in this node

**HTTP Method**

DELETE

**Resource URI**

/api/debug/v1/tenants

**Requires OAuth**

N

**Parameters**

None.

**Content Type**

application/json

# DELETE: get all tenants which have data loaded

**Description**

This API returns all tenants which have instances loaded in this node

**HTTP Method**

DELETE

**Resource URI**

/api/presence/v1/debug/tenants

**Requires OAuth**

N

**Parameters**

None.

**Content Type**

application/json

# GET: Client Detail

## Description

This API returns the client MAC and number sites.

## HTTP Method

GET

## Resource URI

/api/presence/v1/clients/site

## Requires OAuth

N

## Parameters

None.

## Content Type

application/json

## Usage Guidelines

https://<tenant-id>.cmxcisco.com/api/presence/v1/clients/site

## Sample Output

```
{
  "98:0c:a5:63:3d:30":1,
  "3c:bb:fd:a2:99:b7":1,
  "28:c2:dd:57:f4:db":1,
  "88:a7:3c:96:68:2a":1,
  "ac:9e:17:c5:0e:27":1,
  "d4:0b:1a:3e:c9:12":1,
  "9c:5c:8e:aa:96:c0":1,
  "dc:f1:10:ab:81:2b":1,
  "04:56:04:b0:38:af":1,
  "88:79:7e:3f:fd:11":1,
  "e0:2c:b2:fe:61:16":1,
  "c0:ee:fb:31:b9:b7":1,
  "68:c4:4d:3b:77:14":1,
  "20:02:1b:c0:3d:b2":1,
  "a4:70:d6:3c:be:d3":1,
  "38:a4:ed:d0:9d:ad":1,
  "64:09:80:ca:0f:d6":1,
  "e8:50:8b:ed:c7:c0":1,
  "18:dc:56:f0:33:f6":1,
  "c8:f2:30:e0:7a:f9":1,
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}
```

## API History

*Table 239: API History*

| <b>Release</b>         | <b>Modification</b>     |
|------------------------|-------------------------|
| Cisco CMX Release 10.3 | This API is introduced. |

