



# Presence

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

**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":2.444444444444444,
        "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/passerby/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/passerby/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 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/passergyby/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/passergyby/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/passergyby/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/passergy/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/passergy/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://<tenant-id>.cmxcisco.com/api/presence/v1/passersby/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 111: 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 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
  }
}
```

